



**Methods for Testing and Specification (MTS);  
TTCN-3 Conformance Test Suite;  
Part 2: Test Suite Structure and Test Purposes (TSS&TP)**

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**Reference**

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**Keywords**

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conformance, testing, TSS&TP, TTCN**ETSI**

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## Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Methods for Testing and Specification (MTS).

The present document is part 2 of a multi-part deliverable covering a TTCN-3 conformance test suite, as identified below:

- Part 1: "Implementation Conformance Statement (ICS)";
- Part 2: "Test Suite Structure and Test Purposes (TSS&TP)";**
- Part 3: "Abstract Test Suite (ATS) and Implementation eXtra Information for Testing (IXIT)".

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## Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**may not**", "**need**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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# 1 Scope

The purpose of the present document is to provide Test Suite Structure and Test Purposes (TSS&TP) for conformance tests of the conformance test suite for TTCN-3 as defined in ES 201 873-1 [1] in compliance with the relevant guidance given in the proforma for TTCN-3 reference test suite TS 102 995 [4]. In the present document only the core language features, specified in ES 201 873-1 [1] have been considered but not the tool implementation (see [i.1] and [i.2]), language mapping (see [i.3], [i.4] and [i.5]) and language extension (see e.g. [i.6], [i.7] and [i.8]) aspects.

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## 2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

### 2.1 Normative references

The following referenced documents are necessary for the application of the present document.

- [1] ETSI ES 201 873-1 (V4.5.1): "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 1: TTCN-3 Core Language".
- [2] ISO/IEC 9646-1 (1992): "Information Technology -- Open Systems Interconnection -- Conformance Testing Methodology and Framework -- Part 1: General concepts".
- [3] ISO/IEC 9646-7 (1994): "Information Technology -- Open Systems Interconnection - Conformance testing methodology and framework -- Part 7: Implementation Conformance Statements".
- [4] ETSI TS 102 995: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Proforma for TTCN-3 reference test suite".
- [5] ETSI ES 201 873-1 (V4.6.1): "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 1: TTCN-3 Core Language".

### 2.2 Informative references

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

- [i.1] ETSI ES 201 873-5: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 5: TTCN-3 Runtime Interface (TRI)".
- [i.2] ETSI ES 201 873-6: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 6: TTCN-3 Control Interface (TCI)".
- [i.3] ETSI ES 201 873-7: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 7: Using ASN.1 with TTCN-3".
- [i.4] ETSI ES 201 873-8: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 8: The IDL to TTCN-3 Mapping".
- [i.5] ETSI ES 201 873-9: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 9: Using XML schema with TTCN-3".
- [i.6] ETSI ES 202 781: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; TTCN-3 Language Extensions: Configuration and Deployment Support".

- [i.7] ETSI ES 202 784: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; TTCN-3 Language Extensions: Advanced Parameterization".
- [i.8] ETSI ES 202 785: "Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; TTCN-3 Language Extensions: Behaviour Types".

## 3 Definitions and abbreviations

### 3.1 Definitions

For the purposes of the present document, the terms and definitions given in ISO/IEC 9646-1 [2], ISO/IEC 9646-7 [3], ES 201 873-1 [1] (TTCN-3) and the following apply:

**Abstract Test Suite (ATS):** test suite composed of abstract test cases

**ICS proforma:** document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS

**Implementation Conformance Statement (ICS):** statement made by the supplier of an implementation claimed to conform to a given specification, stating which capabilities have been implemented

**Implementation eXtra Information for Testing (IXIT):** statement made by a supplier or implementor of an IUT which contains or references all of the information related to the IUT and its testing environment, which will enable the test laboratory to run an appropriate test suite against the IUT

**Implementation Under Test (IUT):** implementation of one or more OSI protocols in an adjacent user/provider relationship, being part of a real open system which is to be studied by testing

**IXIT proforma:** document, in the form of a questionnaire, which when completed for the IUT becomes the IXIT

### 3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

ATS	Abstract Test Suite
BNF	Backus Naur Form
ICS	Implementation Conformance Statement
IUT	Implementation under Test
IXIT	Implementation eXtra Information for Testing
SUT	System Under Test
TC	Test Case
TCI	TTCN-3 Control Interface
TP	Test Purpose
TRI	TTCN-3 Runtime Interface
TS	Test System
TSS	Test Suite Structure
TSS&TP	Test Suite Structure and Test Purposes
TTCN-3	Testing and Test Control Notation edition 3

## 4 Test Suite Structure (TSS)

The Test Suite Structure is in close alignment with ES 201 873-1 (V4.5.1) [1], containing:

- a) positive syntactical tests (Table 1, ES 201 873-1 (V4.5.1) [1]);
- b) positive semantical tests (Table 1, ES 201 873-1 (V4.5.1) [1]);
- c) negative syntactical tests (Table 2, ES 201 873-1 (V4.5.1) [1]); and

- d) negative semantical tests (Table 2, ES 201 873-1 (V4.5.1) [1]).

The execution order of the TTCN-3 tool conformance test cases is specified in the dependencies section of test purpose descriptions.

An additional 2014 edition specific Test Suite Structure is in close alignment with Version 4.6.1 of ES 201 873-1 [5], containing:

- a) positive syntactical tests (Table 3, ES 201 873-1 (V4.6.1) [5]);  
 b) positive semantical tests (Table 3, ES 201 873-1 (V4.6.1) [5]);  
 c) negative syntactical tests (Table 4, ES 201 873-1 (V4.6.1) [5]); and  
 d) negative semantical tests (Table 4, ES 201 873-1 (V4.6.1) [5]).

**Table 1: Test suite structure, positive tests**

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
5 Basic language elements	5.1 Identifiers and keywords	Syn_0501_Identifier_001
	5.2 Scope rules	Sem_0502_Scope_001
		Sem_0502_Scope_002
		Sem_0502_Scope_003
		Sem_0502_Scope_004
		Sem_0502_Scope_008
		Syn_0502_Scope_001
	5.2.1 Scope of formal parameters	Sem_050201_Scope_of_parameters_001
		Sem_050201_Scope_of_parameters_002
	5.2.2 Uniqueness of identifiers	Sem_050202_Uniqueness_001
		Sem_050202_Uniqueness_002
		Sem_050202_Uniqueness_003
	5.3 Ordering of language elements	Sem_0503_Ordering_001
		Sem_0503_Ordering_002
		Sem_0503_Ordering_005
	5.4.1.1 Formal parameters of kind value	Sem_05040101_parameters_of_kind_value_001
		Sem_05040101_parameters_of_kind_value_002
		Sem_05040101_parameters_of_kind_value_003
		Sem_05040101_parameters_of_kind_value_004
	5.4.1.2 Formal parameters of kind template	Sem_05040102_parameters_of_kind_template_001
Sem_05040102_parameters_of_kind_template_002		
5.4.1.3 Formal parameters of kind timer	Sem_05040103_parameters_of_kind_timer_001	
5.4.1.4 Formal parameters of kind port	Sem_05040104_parameters_of_kind_port_001	
5.4.2 Actual parameters	Sem_050402_actual_parameters_001	
	Sem_050402_actual_parameters_002	
5.5 Cyclic definitions	Sem_0505_cyclic_definitions_001	
	Sem_0505_cyclic_definitions_002	
	Sem_0505_cyclic_definitions_003	
	Sem_0505_cyclic_definitions_004	

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
6 Types and values	6.1.0 Simple basic types and values	Sem_060100_SimpleBasicTypes_001
		Sem_060100_SimpleBasicTypes_002
		Sem_060100_SimpleBasicTypes_003
		Sem_060100_SimpleBasicTypes_004
		Sem_060100_SimpleBasicTypes_005
		Syn_060100_SimpleBasicTypes_001
		Syn_060100_SimpleBasicTypes_002
		Syn_060100_SimpleBasicTypes_003
		Syn_060100_SimpleBasicTypes_004
		Syn_060100_SimpleBasicTypes_005
		Syn_060100_SimpleBasicTypes_006
	6.1.1 Basic string types and values	Sem_060101_TopLevel_001
		Sem_060101_TopLevel_002
		Sem_060101_TopLevel_003
		Sem_060101_TopLevel_004
		Sem_060101_TopLevel_005
		Sem_060101_TopLevel_006
		Syn_060101_TopLevel_001
		Syn_060101_TopLevel_002
	Syn_060101_TopLevel_003	
	6.1.1.1 Accessing individual string elements	Sem_06010101_AccessStringElements_001
		Sem_06010101_AccessStringElements_002
		Sem_06010101_AccessStringElements_003
		Sem_06010101_AccessStringElements_004
		Sem_06010101_AccessStringElements_005
		Sem_06010101_AccessStringElements_006
		Sem_06010101_AccessStringElements_007
		Sem_06010101_AccessStringElements_008
		Sem_06010101_AccessStringElements_009
	6.1.2.1 Lists of values	Sem_06010201_ListOfValues_001
	6.1.2.2 Lists of types	Sem_06010202_ListOfTypes_001
		Sem_06010202_ListOfTypes_002
		Sem_06010202_ListOfTypes_003
		Sem_06010202_ListOfTypes_004
		Sem_06010202_ListOfTypes_005
		Sem_06010202_ListOfTypes_006
		Sem_06010202_ListOfTypes_007
		Sem_06010202_ListOfTypes_008
		Sem_06010202_ListOfTypes_009
	6.1.2.3 Ranges	Sem_06010203_Ranges_001
		Sem_06010203_Ranges_002
Sem_06010203_Ranges_003		
Sem_06010203_Ranges_004		
Sem_06010203_Ranges_005		
Sem_06010203_Ranges_006		
Sem_06010203_Ranges_007		
Sem_06010203_Ranges_008		
6.1.2.4 String length restrictions	Sem_06010204_StringLenghtRestrict_001	
	Sem_06010204_StringLenghtRestrict_002	
	Sem_06010204_StringLenghtRestrict_003	
	Sem_06010204_StringLenghtRestrict_004	

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
6.1.2.5 Pattern subtyping of character string types	Sem_06010205_StringPattern_001
	Sem_06010205_StringPattern_002
6.1.2.6.1 Mixing patterns, lists and ranges	Sem_0601020601_MixingSubtype_001
	Sem_0601020601_MixingSubtype_002
6.1.2.6.2 Using length restriction with other constraints	Sem_0601020602_StringMixing_001
	Sem_0601020602_StringMixing_002
	Sem_0601020602_StringMixing_003
	Sem_0601020602_StringMixing_004
	Sem_0601020602_StringMixing_005
	Sem_0601020602_StringMixing_006
6.2 Structured types and values	Sem_060201_RecordTypeValues_005
	Sem_060201_RecordTypeValues_006
	Sem_060201_RecordTypeValues_007
	Sem_060202_SetTypeValues_005
	Sem_060202_SetTypeValues_006
	Sem_060202_SetTypeValues_007
	Sem_0602_TopLevel_001
	Sem_0602_TopLevel_002
	Sem_0602_TopLevel_003
	Sem_0602_TopLevel_004
	Sem_0602_TopLevel_005
	Sem_0602_TopLevel_006
	Sem_0602_TopLevel_007
	Sem_0602_TopLevel_008
	Sem_0602_TopLevel_009
	Sem_0602_TopLevel_010
	Sem_0602_TopLevel_011
	Sem_0602_TopLevel_012
	Sem_0602_TopLevel_013
	Sem_0602_TopLevel_014
6.2.1 Record type and values	Syn_0602_TopLevel_001
	Syn_0602_TopLevel_002
	Syn_0602_TopLevel_003
	Syn_0602_TopLevel_004
	Syn_0602_TopLevel_005
	Sem_060201_RecordTypeValues_001
6.2.2 Set type and values	Sem_060201_RecordTypeValues_002
	Sem_060201_RecordTypeValues_003
	Sem_060201_RecordTypeValues_004
	Syn_060201_RecordTypeValues_001
	Syn_060201_RecordTypeValues_002
	Sem_060202_SetTypeValues_001
6.2.3 Records and sets of single types	Sem_060202_SetTypeValues_002
	Sem_060202_SetTypeValues_003
	Sem_060202_SetTypeValues_004
	Syn_060202_SetTypeValues_001
	Syn_060202_SetTypeValues_002
	Sem_060203_records_and_sets_of_single_types_020
	Sem_060203_records_and_sets_of_single_types_021
	Sem_060203_records_and_sets_of_single_types_022

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
6.2.3.2 Referencing elements of record of and set of types	Sem_060203_records_and_sets_of_single_types_001
	Sem_060203_records_and_sets_of_single_types_002
	Sem_060203_records_and_sets_of_single_types_003
	Sem_060203_records_and_sets_of_single_types_004
	Sem_060203_records_and_sets_of_single_types_005
	Sem_060203_records_and_sets_of_single_types_006
	Sem_060203_records_and_sets_of_single_types_007
	Sem_060203_records_and_sets_of_single_types_008
	Sem_060203_records_and_sets_of_single_types_009
	Sem_060203_records_and_sets_of_single_types_010
	Sem_060203_records_and_sets_of_single_types_011
	Sem_060203_records_and_sets_of_single_types_012
	Sem_060203_records_and_sets_of_single_types_013
	Sem_060203_records_and_sets_of_single_types_014
	Sem_060203_records_and_sets_of_single_types_015
	Sem_060203_records_and_sets_of_single_types_016
	Sem_060203_records_and_sets_of_single_types_017
	Sem_060203_records_and_sets_of_single_types_019
6.2.4 Enumerated type and values	Sem_060207_arrays_006
6.2.7 Arrays	Sem_060207_arrays_001
	Sem_060207_arrays_002
	Sem_060207_arrays_003
	Sem_060207_arrays_004
	Sem_060207_arrays_005
	Sem_060207_arrays_007
	Sem_060207_arrays_008
	Sem_060207_arrays_010
	Sem_060207_arrays_011
	Sem_060207_arrays_012
	Sem_060207_arrays_013
	Sem_060207_arrays_014
6.2.8 The default type	Sem_060208_default_type_001
	Sem_060208_default_type_002
	Sem_060208_default_type_003
6.2.9 Communication port types	Sem_060209_CommunicationPortTypes_004
	Syn_060209_CommunicationPortTypes_001
	Syn_060209_CommunicationPortTypes_002
	Syn_060209_CommunicationPortTypes_003
	Syn_060209_CommunicationPortTypes_004
	Syn_060209_CommunicationPortTypes_005
	Syn_060209_CommunicationPortTypes_006
	Syn_060209_CommunicationPortTypes_007
	Syn_060209_CommunicationPortTypes_008
	Syn_060209_CommunicationPortTypes_009
	Syn_060209_CommunicationPortTypes_010
6.2.12 Addressing entities inside the SUT	Sem_060212_AddressingsEntitiesInsideSut_001
	Sem_060212_AddressingsEntitiesInsideSut_002

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
	6.3.1 Type compatibility of non-structured types	Sem_060301_non_structured_types_001
		Sem_060301_non_structured_types_002
		Sem_060301_non_structured_types_003
		Sem_060301_non_structured_types_004
	6.3.2 Type compatibility of structured types	Sem_060302_structured_types_001
		Sem_060302_structured_types_002
		Sem_060302_structured_types_003
		Sem_060302_structured_types_004
		Sem_060302_structured_types_005
		Sem_060302_structured_types_006
	6.3.3 Type compatibility of component types	Sem_060303_component_types_001
		Sem_060303_component_types_002
	7 Expression	7.1.1 Arithmetic operators
Sem_070101_ArithmeticOperators_002		
Sem_070101_ArithmeticOperators_003		
Sem_070101_ArithmeticOperators_004		
Sem_070101_ArithmeticOperators_005		
Sem_070101_ArithmeticOperators_006		
Sem_070101_ArithmeticOperators_007		
Sem_070101_ArithmeticOperators_008		
Sem_070101_ArithmeticOperators_009		
Sem_070101_ArithmeticOperators_010		
Sem_070101_ArithmeticOperators_011		
Sem_070101_ArithmeticOperators_012		
Sem_070101_ArithmeticOperators_013		
Sem_070101_ArithmeticOperators_014		
Sem_070101_ArithmeticOperators_015		
Sem_070101_ArithmeticOperators_016		
Sem_070101_ArithmeticOperators_017		
Sem_070101_ArithmeticOperators_018		
Sem_070101_ArithmeticOperators_019		
Sem_070101_ArithmeticOperators_020		
Sem_070101_ArithmeticOperators_021		
Sem_070101_ArithmeticOperators_022		
Sem_070101_ArithmeticOperators_023		
Sem_070101_ArithmeticOperators_024		
Sem_070101_ArithmeticOperators_025		
Sem_070101_ArithmeticOperators_026		
Syn_070101_ArithmeticOperators_001		
Syn_070101_ArithmeticOperators_002		
Syn_070101_ArithmeticOperators_003		
Syn_070101_ArithmeticOperators_004		
Syn_070101_ArithmeticOperators_005		
Syn_070101_ArithmeticOperators_006		
Syn_070101_ArithmeticOperators_007		
Syn_070101_ArithmeticOperators_008		
Syn_070101_ArithmeticOperators_009		
Syn_070101_ArithmeticOperators_010		
Syn_070101_ArithmeticOperators_011		
Syn_070101_ArithmeticOperators_012		

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers	
7.1.2 List operator	Sem_070102_ListOperator_001	
	Sem_070102_ListOperator_002	
	Sem_070102_ListOperator_003	
	Sem_070102_ListOperator_004	
	Sem_070102_ListOperator_005	
	Sem_070102_ListOperator_006	
7.1.3 Relational operators	Sem_070103_RelationalOperators_001	
	Sem_070103_RelationalOperators_002	
	Sem_070103_RelationalOperators_003	
	Sem_070103_RelationalOperators_004	
	Sem_070103_RelationalOperators_005	
	Sem_070103_RelationalOperators_006	
	Sem_070103_RelationalOperators_007	
	Sem_070103_RelationalOperators_008	
	Sem_070103_RelationalOperators_009	
	Sem_070103_RelationalOperators_010	
	Sem_070103_RelationalOperators_011	
	Sem_070103_RelationalOperators_012	
	Sem_070103_RelationalOperators_013	
	Sem_070103_RelationalOperators_014	
	Sem_070103_RelationalOperators_015	
	Sem_070103_RelationalOperators_016	
	Sem_070103_RelationalOperators_017	
	Sem_070103_RelationalOperators_018	
	Sem_070103_RelationalOperators_019	
	Sem_070103_RelationalOperators_020	
	Sem_070103_RelationalOperators_021	
	Sem_070103_RelationalOperators_022	
	Sem_070103_RelationalOperators_023	
	Sem_070103_RelationalOperators_024	
	Sem_070103_RelationalOperators_025	
	Sem_070103_RelationalOperators_026	
	Sem_070103_RelationalOperators_030	
	Sem_070103_RelationalOperators_031	
	Sem_070103_RelationalOperators_032	
	Sem_070103_RelationalOperators_033	
	Sem_070103_RelationalOperators_034	
	7.1.4 Logical operators	Sem_070104_LogicalOperators_001
	7.1.5 Bitwise operators	Sem_070105_BitwiseOperators_001
	7.1.6 Shift operators	Sem_070106_ShiftOperators_001
7.1.7 Rotate operators	Sem_070107_RotateOperators_001	
7.2 Field references and list elements	Sem_0702_FieldReferencesAndListElements_001	
7.2 Field references and list elements	Sem_0702_FieldReferencesAndListElements_002	

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8 Modules	8.1 Definition of a module	Syn_0801_DefinitionOfAModule_001
		Syn_0801_DefinitionOfAModule_002
		Syn_0801_DefinitionOfAModule_003
		Syn_0801_DefinitionOfAModule_004
		Syn_0801_DefinitionOfAModule_005
		Syn_0801_DefinitionOfAModule_006
	8.2 Module definitions part	Syn_0802_ModuleDefinitionsPart_001
		Syn_0802_ModuleDefinitionsPart_002
	8.2.1 Module parameters	Sem_080201_ModuleParameters_001
		Syn_080201_ModuleParameters_001
		Syn_080201_ModuleParameters_002
		Syn_080201_ModuleParameters_003
	8.2.2 Groups of definitions	Syn_080202_GroupOfDefinitions_001
		Syn_080202_GroupOfDefinitions_002
		Syn_080202_GroupOfDefinitions_003
		Syn_080202_GroupOfDefinitions_004
	8.2.3.1 General format of import	Sem_08020301_GeneralFormatOfImport_003
		Sem_08020301_GeneralFormatOfImport_004
		Sem_08020301_GeneralFormatOfImport_005
		Sem_08020301_GeneralFormatOfImport_006
		Sem_08020301_GeneralFormatOfImport_007
		Sem_08020301_GeneralFormatOfImport_008
		Sem_08020301_GeneralFormatOfImport_009
		Sem_08020301_GeneralFormatOfImport_010
		Sem_08020301_GeneralFormatOfImport_011
		Sem_08020301_GeneralFormatOfImport_012
		Sem_08020301_GeneralFormatOfImport_013
		Sem_08020301_GeneralFormatOfImport_014
		Sem_08020301_GeneralFormatOfImport_015
		Sem_08020301_GeneralFormatOfImport_016
		Sem_08020301_GeneralFormatOfImport_017
		Sem_08020301_GeneralFormatOfImport_018
		Syn_08020301_GeneralFormatOfImport_001
Syn_08020301_GeneralFormatOfImport_002		
8.2.3.2 Importing single definitions	Sem_08020302_ImportingSingleDefinitions_001	
	Sem_08020302_ImportingSingleDefinitions_002	
8.2.3.3 Importing groups	Sem_08020303_ImportingGroups_001	
	Sem_08020303_ImportingGroups_002	
	Sem_08020303_ImportingGroups_003	
8.2.3.4 Importing definitions of the same kind	Sem_08020301_GeneralFormatOfImport_001	
	Sem_08020301_GeneralFormatOfImport_002	
	Sem_08020304_ImportingDefinitionsOfTheSameKind_001	
	Sem_08020304_ImportingDefinitionsOfTheSameKind_002	
	Sem_08020304_ImportingDefinitionsOfTheSameKind_003	
8.2.3.5 Importing all definitions of a module	Sem_08020305_ImportingAllDefinitionsOfAModule_001	
	Sem_08020305_ImportingAllDefinitionsOfAModule_002	

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers	
	8.2.3.6 Import definitions from other TTCN-3 editions and from non-TTCN-3 modules	Sem_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001 Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001 Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_002
	8.2.3.7 Importing of import statements from TTCN-3 modules	Sem_08020307_ImportingOfImportStatementsFromT3Modules_001
	8.2.3.8 Compatibility of language specifications of imports	Sem_08020308_CompatibilityOfLanguageSpecificationsInImports_001
		Sem_08020308_CompatibilityOfLanguageSpecificationsInImports_002
	8.2.4 Definition of friend modules	Sem_080204_DefinitionOfFriendModules_001
	8.2.5 Visibility of definitions	Sem_080205_VisibilityOfDefinitions_001
		Sem_080205_VisibilityOfDefinitions_002
		Sem_080205_VisibilityOfDefinitions_003
		Sem_080205_VisibilityOfDefinitions_004
		Sem_080205_VisibilityOfDefinitions_005
8.3 Module control part	Sem_0803_ModuleControlPart_001	
	Syn_0803_ModuleControlPart_001	
	Syn_0803_ModuleControlPart_002	
	Syn_0803_ModuleControlPart_003	
9 Port types, component types and test configurations	Top level	Sem_0901_Communication_ports_001
		Sem_0901_Communication_ports_002
		Sem_0901_Communication_ports_003
		Sem_0901_Communication_ports_004
		Sem_0901_Communication_ports_005
		Sem_0902_Communication_ports_001
		Sem_0902_Communication_ports_002
		Syn_0902_Communication_ports_001
	9.1 Communication ports	Sem_0901_Communication_ports_006
	Sem_0901_Communication_ports_007	
Sem_0901_Communication_ports_008		
10 Declaring constants	Top level	Sem_10_Constants_001
		Sem_10_Constants_002
		Sem_10_Constants_003
		Sem_10_Constants_004
		Sem_10_Constants_005
		Sem_10_Constants_006
		Sem_10_Constants_007
		Sem_10_Constants_008
		Sem_10_Constants_009
		Syn_10_Constants_001
		Syn_10_Constants_002
		Syn_10_Constants_003
		Syn_10_Constants_004

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
11 Declaring variables	11.1 Value variables	Sem_1101_ValueVars_001
		Sem_1101_ValueVars_002
		Sem_1101_ValueVars_003
		Sem_1101_ValueVars_004
		Sem_1101_ValueVars_005
	Syn_1101_ValueVars_001	
	11.2 Template variables	Sem_1102_TemplateVars_001
		Sem_1102_TemplateVars_002
Sem_1102_TemplateVars_003		
Syn_1102_TemplateVars_001		
12 Declaring timers	Top level	Sem_12_toplevel_timer_001
		Sem_12_toplevel_timer_002
		Sem_12_toplevel_timer_003
		Sem_12_toplevel_timer_004
		Sem_12_toplevel_timer_005
		Sem_12_toplevel_timer_006
		Sem_12_toplevel_timer_007
		Sem_12_toplevel_timer_008
		Sem_12_toplevel_timer_009
		Syn_12_toplevel_timer_001
		Syn_12_toplevel_timer_002
		Syn_12_toplevel_timer_003
		Syn_12_toplevel_timer_004
		Syn_12_toplevel_timer_005
		Syn_12_toplevel_timer_006
		Sem_13_declaring_msg_001
13 Declaring messages	Top level	Sem_13_toplevel_declaring_msg_various_types_001
		Sem_13_toplevel_declaring_msg_various_types_002
		Sem_13_toplevel_declaring_msg_various_types_003
		Sem_13_toplevel_declaring_msg_various_types_004
		Sem_13_toplevel_declaring_msg_various_types_005
		Sem_13_toplevel_declaring_msg_various_types_006
		Sem_13_toplevel_declaring_msg_various_types_007
		Sem_13_toplevel_declaring_msg_various_types_008
		Sem_13_toplevel_declaring_msg_various_types_009
		Sem_13_toplevel_declaring_msg_various_types_010
		Sem_13_toplevel_declaring_msg_various_types_011
		Sem_13_toplevel_declaring_msg_various_types_012
		Sem_13_toplevel_declaring_msg_various_types_013
		Sem_13_toplevel_declaring_msg_various_types_014
14 Declaring procedure signatures	Top level	Sem_1400_procedure_signatures_001
		Sem_1400_procedure_signatures_002
		Sem_1400_procedure_signatures_003
		Sem_1400_procedure_signatures_004
15 Declaring templates	Top level	Syn_15_TopLevel_001
	15.1 Declaring message templates	Syn_1501_DeclaringMessageTemplates_001
		Syn_1501_DeclaringMessageTemplates_002
		Syn_1501_DeclaringMessageTemplates_003
		Syn_1501_DeclaringMessageTemplates_004
		Syn_1501_DeclaringMessageTemplates_005
		Syn_1501_DeclaringMessageTemplates_006

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
15.2 Declaring signature templates	Sem_1502_DeclaringSignatureTemplates_001
	Sem_1502_DeclaringSignatureTemplates_002
	Sem_1502_DeclaringSignatureTemplates_003
	Syn_1502_DeclaringSignatureTemplates_001
	Syn_1502_DeclaringSignatureTemplates_002
	Syn_1502_DeclaringSignatureTemplates_003
	Syn_1502_DeclaringSignatureTemplates_004
15.3 Global and local templates	Sem_1503_GlobalAndLocalTemplates_001
	Sem_1503_GlobalAndLocalTemplates_002
	Sem_1503_GlobalAndLocalTemplates_003
	Sem_1503_GlobalAndLocalTemplates_004
	Sem_1503_GlobalAndLocalTemplates_005
	Sem_1503_GlobalAndLocalTemplates_006
	Syn_1503_GlobalAndLocalTemplates_001
	Syn_1503_GlobalAndLocalTemplates_004
	Syn_1503_GlobalAndLocalTemplates_005
15.4 In-line templates	Syn_1504_InlineTemplates_001
	Syn_1504_InlineTemplates_002
	Syn_1504_InlineTemplates_003
15.5 Modified templates	Sem_1505_ModifiedTemplates_001
	Sem_1505_ModifiedTemplates_002
	Sem_1505_ModifiedTemplates_003
	Sem_1505_ModifiedTemplates_004
	Syn_1505_ModifiedTemplates_001
	Syn_1505_ModifiedTemplates_002
	Syn_1505_ModifiedTemplates_003
15.6.2 Referencing record and set fields	Sem_150602_ReferencingRecordAndSetFields_001
	Sem_150602_ReferencingRecordAndSetFields_002
15.6.3 Referencing record of and set of elements	Sem_150603_ReferencingRecordOfAndSetElements_001
	Sem_150603_ReferencingRecordOfAndSetElements_002
	Sem_150603_ReferencingRecordOfAndSetElements_003
	Sem_150603_ReferencingRecordOfAndSetElements_004
	Sem_150603_ReferencingRecordOfAndSetElements_005

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
15.8 Template restrictions	Sem_1508_TemplateRestrictions_001
	Sem_1508_TemplateRestrictions_002
	Sem_1508_TemplateRestrictions_003
	Sem_1508_TemplateRestrictions_004
	Sem_1508_TemplateRestrictions_005
	Sem_1508_TemplateRestrictions_006
	Sem_1508_TemplateRestrictions_007
	Sem_1508_TemplateRestrictions_008
	Sem_1508_TemplateRestrictions_009
	Sem_1508_TemplateRestrictions_010
	Sem_1508_TemplateRestrictions_011
	Sem_1508_TemplateRestrictions_012
	Sem_1508_TemplateRestrictions_013
	Sem_1508_TemplateRestrictions_014
	Sem_1508_TemplateRestrictions_015
	Sem_1508_TemplateRestrictions_016
	Sem_1508_TemplateRestrictions_017
	Sem_1508_TemplateRestrictions_018
	Sem_1508_TemplateRestrictions_019
	Sem_1508_TemplateRestrictions_020
	Sem_1508_TemplateRestrictions_021
	Sem_1508_TemplateRestrictions_022
	Sem_1508_TemplateRestrictions_023
	Sem_1508_TemplateRestrictions_024
	Sem_1508_TemplateRestrictions_025
	Sem_1508_TemplateRestrictions_026
	Sem_1508_TemplateRestrictions_027
	Sem_1508_TemplateRestrictions_028
	Sem_1508_TemplateRestrictions_029
	Sem_1508_TemplateRestrictions_030
	Sem_1508_TemplateRestrictions_043
	Sem_1508_TemplateRestrictions_044
	Sem_1508_TemplateRestrictions_045
Sem_1508_TemplateRestrictions_046	
Sem_1508_TemplateRestrictions_047	
Sem_1508_TemplateRestrictions_048	
Syn_1508_TemplateRestrictions_001	
Syn_1508_TemplateRestrictions_002	
Syn_1508_TemplateRestrictions_003	
Syn_1508_TemplateRestrictions_004	
15.9 Match operation	Sem_1509_MatchOperation_001
	Sem_1509_MatchOperation_002
	Sem_1509_MatchOperation_003
	Sem_1509_MatchOperation_004
	Sem_1509_MatchOperation_005
	Sem_1509_MatchOperation_006
	Sem_1509_MatchOperation_007
	Sem_1509_MatchOperation_008
	Sem_1509_MatchOperation_009
	Sem_1509_MatchOperation_010
15.10 Valueof operation	Sem_1510_ValueOfOperation_001

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15.11 Concatenating templates of string and list types		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_001
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_002
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_003
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_004
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_005
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_006
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_007
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_008
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_009
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_010
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_011
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_012
		Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_013
16 Functions, altsteps and testcases	16.1 Functions	Sem_1601_toplevel_001
		Sem_1601_toplevel_002
		Sem_1601_toplevel_003
	16.1.1 Invoking functions	Sem_160101_invoking_functions_001
	16.1.2 Predefined functions	Sem_160102_predefined_functions_001
		Sem_160102_predefined_functions_002
		Sem_160102_predefined_functions_003
		Sem_160102_predefined_functions_004
		Sem_160102_predefined_functions_005
		Sem_160102_predefined_functions_006
		Sem_160102_predefined_functions_007
		Sem_160102_predefined_functions_008
		Sem_160102_predefined_functions_009
		Sem_160102_predefined_functions_010
		Sem_160102_predefined_functions_011
		Sem_160102_predefined_functions_012
		Sem_160102_predefined_functions_013
		Sem_160102_predefined_functions_014
		Sem_160102_predefined_functions_015
		Sem_160102_predefined_functions_016
		Sem_160102_predefined_functions_017
		Sem_160102_predefined_functions_018
		Sem_160102_predefined_functions_019
		Sem_160102_predefined_functions_020
		Sem_160102_predefined_functions_021
		Sem_160102_predefined_functions_022
		Sem_160102_predefined_functions_023
		Sem_160102_predefined_functions_024
		Sem_160102_predefined_functions_025
	16.1.3 External functions	Sem_160103_external_functions_001
		Sem_160103_external_functions_002
	16.2 Altsteps	Sem_1602_toplevel_001
	16.2.1 Invoking altsteps	Sem_160201_invoking_altsteps_001
Sem_160201_invoking_altsteps_002		
Sem_160201_invoking_altsteps_003		
Sem_160201_invoking_altsteps_004		
16.3 Test cases	Syn_1603_testcases_001	

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19 Basic program statements	19.1 Assignments	Sem_1901_assignments_001	
	19.2 The if-else statement	Sem_1902_if_else_statement_001	
		Sem_1902_if_else_statement_002	
	19.3 The select case statement	Sem_1903_select_case_statement_001	
		Sem_1903_select_case_statement_002	
		Sem_1903_select_case_statement_003	
		Sem_1903_select_case_statement_004	
	19.4 The for statement	Sem_1904_for_statement_001	
		Sem_1904_for_statement_002	
		Sem_1904_for_statement_003	
	19.5 The while statement	Sem_1905_while_statement_001	
		Sem_1905_while_statement_002	
		Sem_1905_while_statement_003	
		19.6 The do-while statement	Sem_1906_do_while_statement_001
			Sem_1906_do_while_statement_002
Sem_1906_do_while_statement_003			
19.7 The label statement		Syn_1907_label_statement_001	
19.8 The goto statement		Sem_1908_goto_statement_001	
		Sem_1908_goto_statement_002	
		Sem_1908_goto_statement_003	
19.9 The stop execution statement		Sem_1909_stop_statement_001	
		Sem_1909_stop_statement_002	
19.10 The return statement		Sem_1910_return_statement_001	
		Sem_1910_return_statement_002	
19.11 The log statement		Sem_1911_log_statement_001	
		Sem_1911_log_statement_002	
		Sem_1911_log_statement_003	
		Sem_1911_log_statement_004	
	Sem_1911_log_statement_005		
19.13 The continue statement	Sem_1913_continue_statement_001		
20 Statement and operations for alternative behaviours	Top level	Syn_20_TopLevel_001	
		Syn_20_TopLevel_002	
		Syn_20_TopLevel_003	
		Syn_20_TopLevel_004	
		Syn_20_TopLevel_005	
	20.2 The alt statement	Sem_2002_TheAltStatement_001	
		Sem_2002_TheAltStatement_002	
		Sem_2002_TheAltStatement_003	
		Sem_2002_TheAltStatement_004	
		Sem_2002_TheAltStatement_005	
		Sem_2002_TheAltStatement_006	
		Sem_2002_TheAltStatement_007	
		Sem_2002_TheAltStatement_008	
		Sem_2002_TheAltStatement_009	
		Sem_2002_TheAltStatement_010	
		Sem_2002_TheAltStatement_011	
		Sem_2002_TheAltStatement_012	
		Sem_2002_TheAltStatement_013	

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20.3 The repeat statement	Sem_2003_the_repeat_statement_001		
	20.4 The interleave statement	Sem_2004_InterleaveStatement_001	
		Sem_2004_InterleaveStatement_002	
		Syn_2004_InterleaveStatement_001	
	20.5.1 The default mechanism	Sem_200501_the_default_mechanism_001	
		Sem_200501_the_default_mechanism_002	
		Sem_200501_the_default_mechanism_003	
		Sem_200501_the_default_mechanism_004	
		Sem_200501_the_default_mechanism_005	
		Sem_200501_the_default_mechanism_006	
		Sem_200501_the_default_mechanism_007	
		Sem_200501_the_default_mechanism_008	
		Sem_200503_the_deactivate_operation_001	
		Sem_200503_the_deactivate_operation_002	
	20.5.2 The activate operation	Sem_200502_the_activate_operation_001	
		Sem_200502_the_activate_operation_002	
Sem_200502_the_activate_operation_003			
Sem_200502_the_activate_operation_004			
21 Configuration operations	21.1.1 The connect and map operations	Sem_210101_connect_and_map_operations_001	
		Sem_210101_connect_and_map_operations_002	
		Sem_210101_connect_and_map_operations_003	
		Sem_210101_connect_and_map_operations_004	
		Sem_210101_connect_and_map_operations_005	
		Sem_210101_connect_and_map_operations_006	
		Sem_210101_connect_and_map_operations_007	
		Sem_210101_connect_and_map_operations_008	
		Sem_210101_connect_and_map_operations_009	
		Sem_210101_connect_and_map_operations_010	
	Sem_210102_disconnect_operation_002		
	21.1.2 The disconnect and unmap operations	21.1.2 The disconnect and unmap operations	Sem_210102_disconnect_and_unmap_operations_001
			Sem_210102_disconnect_and_unmap_operations_002
			Sem_210102_disconnect_and_unmap_operations_003
			Sem_210102_disconnect_and_unmap_operations_004
			Sem_210102_disconnect_and_unmap_operations_005
			Sem_210102_disconnect_and_unmap_operations_006
			Sem_210102_disconnect_and_unmap_operations_007
			Sem_210102_disconnect_and_unmap_operations_008
			Sem_210102_disconnect_and_unmap_operations_009
			Sem_210102_disconnect_and_unmap_operations_010
			Sem_210102_disconnect_and_unmap_operations_011
			Sem_210102_disconnect_and_unmap_operations_012
			Sem_210102_disconnect_and_unmap_operations_013
			Sem_210102_disconnect_operation_001
			Sem_210102_unmap_operation_001
			Sem_210102_unmap_operation_002

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
21.3.1 The create operation	Sem_210301_CreateOperation_001 Sem_210301_CreateOperation_002 Sem_210301_CreateOperation_003 Sem_210301_CreateOperation_004 Syn_210301_CreateOperation_001
21.3.2 The start test component operation	Sem_210302_Start_test_component_001
21.3.3 The stop test behaviour operation	Sem_210303_Stop_test_component_001 Sem_210303_Stop_test_component_002
21.3.4 The kill test component operation	Sem_210304_kill_test_component_001 Sem_210304_kill_test_component_002 Sem_210304_kill_test_component_003 Sem_210304_kill_test_component_004
21.3.5 The alive operation	Sem_210305_alive_operation_001 Sem_210305_alive_operation_002 Sem_210305_alive_operation_003 Sem_210305_alive_operation_004
21.3.6 The running operation	Sem_210306_running_operation_001 Sem_210306_running_operation_002
21.3.7 The done operation	Sem_210307_done_operation_001
21.3.8 The killed operation	Sem_210308_killed_operation_001 Sem_210308_killed_operation_002 Sem_210308_killed_operation_003
22 Communication operations	22.2.1 The send operation Sem_220201_SendOperation_001 Sem_220201_SendOperation_002 Sem_220201_SendOperation_003 Sem_220201_SendOperation_004 22.2.2 The receive operation Sem_220202_ReceiveOperation_001 Sem_220202_ReceiveOperation_002 Sem_220202_ReceiveOperation_003 Sem_220202_ReceiveOperation_004 Sem_220202_ReceiveOperation_005 22.2.3 The trigger operation Sem_220203_TriggerOperation_001 Sem_220203_TriggerOperation_002 Sem_220203_TriggerOperation_003 Sem_220203_TriggerOperation_004 Sem_220203_TriggerOperation_005 22.3.1 The call operation Sem_220301_CallOperation_001 Sem_220301_CallOperation_002 Sem_220301_CallOperation_003 Sem_220301_CallOperation_004 Sem_220301_CallOperation_005 Sem_220301_CallOperation_006 Sem_220301_CallOperation_007 22.3.2 The getcall operation Sem_220302_GetcallOperation_001 Sem_220302_GetcallOperation_002 Sem_220302_GetcallOperation_003 Sem_220302_GetcallOperation_004 Sem_220302_GetcallOperation_005

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
22.3.3 The reply operation	Sem_220303_ReplyOperation_001
	Sem_220303_ReplyOperation_002
22.4 The check operation	Sem_2204_the_check_operation_001
	Sem_2204_the_check_operation_002
	Sem_2204_the_check_operation_003
	Sem_2204_the_check_operation_004
	Sem_2204_the_check_operation_005
	Sem_2204_the_check_operation_006
	Sem_2204_the_check_operation_007
	Sem_2204_the_check_operation_008
	Sem_2204_the_check_operation_009
	Sem_2204_the_check_operation_010
	Sem_2204_the_check_operation_011
	Sem_2204_the_check_operation_012
	Sem_2204_the_check_operation_013
	Sem_2204_the_check_operation_014
	Sem_2204_the_check_operation_015
	Sem_2204_the_check_operation_016
	Sem_2204_the_check_operation_017
	Sem_2204_the_check_operation_018
	Sem_2204_the_check_operation_019
	Sem_2204_the_check_operation_020
	Sem_2204_the_check_operation_021
	Sem_2204_the_check_operation_022
	Sem_2204_the_check_operation_023
	Sem_2204_the_check_operation_024
	Sem_2204_the_check_operation_025
	Sem_2204_the_check_operation_026
	Sem_2204_the_check_operation_027
	Sem_2204_the_check_operation_028
	Sem_2204_the_check_operation_029
	Sem_2204_the_check_operation_030
	Sem_2204_the_check_operation_031
	Sem_2204_the_check_operation_032
	Sem_2204_the_check_operation_033
	Sem_2204_the_check_operation_034
	Sem_2204_the_check_operation_035
	Sem_2204_the_check_operation_036
	Sem_2204_the_check_operation_037
	Sem_2204_the_check_operation_038
	Sem_2204_the_check_operation_039
	Sem_2204_the_check_operation_040
	Sem_2204_the_check_operation_041
	Sem_2204_the_check_operation_042
	Sem_2204_the_check_operation_043
	Sem_2204_the_check_operation_044
	Sem_2204_the_check_operation_045
	Sem_2204_the_check_operation_046
	Sem_2204_the_check_operation_047
	Sem_2204_the_check_operation_048
	Sem_2204_the_check_operation_049
	Sem_2204_the_check_operation_050
	Sem_2204_the_check_operation_051
	Sem_2204_the_check_operation_052

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
	Sem_2204_the_check_operation_053
	Sem_2204_the_check_operation_054
	Sem_2204_the_check_operation_055
	Sem_2204_the_check_operation_056
	Sem_2204_the_check_operation_057
	Sem_2204_the_check_operation_058
	Sem_2204_the_check_operation_059
	Sem_2204_the_check_operation_060
	Sem_2204_the_check_operation_061
	Sem_2204_the_check_operation_062
	Sem_2204_the_check_operation_063
	Sem_2204_the_check_operation_064
	Sem_2204_the_check_operation_065
	Sem_2204_the_check_operation_066
	Sem_2204_the_check_operation_067
	Sem_2204_the_check_operation_068
	Sem_2204_the_check_operation_069
	Sem_2204_the_check_operation_070
	Sem_2204_the_check_operation_071
	Sem_2204_the_check_operation_072
	Sem_2204_the_check_operation_073
	Sem_2204_the_check_operation_074
	Sem_2204_the_check_operation_075
	Sem_2204_the_check_operation_076
	Sem_2204_the_check_operation_077
	Sem_2204_the_check_operation_078
	Sem_2204_the_check_operation_079
	Sem_2204_the_check_operation_080
	Sem_2204_the_check_operation_081
	Sem_2204_the_check_operation_082
	Sem_2204_the_check_operation_083
	Sem_2204_the_check_operation_084
	Sem_2204_the_check_operation_085
	Sem_2204_the_check_operation_086
	Sem_2204_the_check_operation_087
	Sem_2204_the_check_operation_088
	Sem_2204_the_check_operation_089
	Sem_2204_the_check_operation_090
	Sem_2204_the_check_operation_091
	Sem_2204_the_check_operation_092
	Sem_2204_the_check_operation_093
	Sem_2204_the_check_operation_094
	Sem_2204_the_check_operation_095
	Sem_2204_the_check_operation_096
	Sem_2204_the_check_operation_097
	Sem_2204_the_check_operation_098
	Sem_2204_the_check_operation_099
	Sem_2204_the_check_operation_100
	Sem_2204_the_check_operation_101
	Sem_2204_the_check_operation_102
	Sem_2204_the_check_operation_103
	Sem_2204_the_check_operation_104
	Sem_2204_the_check_operation_105
	Sem_2204_the_check_operation_106

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers	
		Sem_2204_the_check_operation_107 Sem_2204_the_check_operation_108 Sem_2204_the_check_operation_109 Sem_2204_the_check_operation_110 Sem_2204_the_check_operation_111 Sem_2204_the_check_operation_112 Sem_2204_the_check_operation_113 Sem_2204_the_check_operation_114 Sem_2204_the_check_operation_115 Sem_2204_the_check_operation_116 Sem_2204_the_check_operation_117 Sem_2204_the_check_operation_118 Sem_2204_the_check_operation_119 Sem_2204_the_check_operation_120
23 Timer operations	Top level  23.3 The stop timer operation  23.5 The running timer operation  23.6 The timeout operation	Sem_2302_timer_start_001 Sem_2302_timer_start_002 Sem_2302_timer_start_003 Sem_2302_timer_start_004 Syn_23_toplevel_001 Syn_23_toplevel_002  Sem_2303_timer_stop_002 Sem_2303_timer_stop_003 Sem_2303_timer_stop_004 Syn_2303_timer_stop_006 Syn_2303_timer_stop_007  Sem_2305_timer_running_001 Sem_2305_timer_running_002 Sem_2305_timer_running_003 Sem_2305_timer_running_004 Syn_2306_timer_timeout_001  Sem_2306_timer_timeout_001 Sem_2306_timer_timeout_002 Sem_2306_timer_timeout_003 Sem_2306_timer_timeout_004 Sem_2306_timer_timeout_005 Sem_2306_timer_timeout_006 Sem_2306_timer_timeout_007
24 Test verdict operations	Top level	Sem_13_declaring_msg_002 Sem_13_declaring_msg_003 Sem_13_declaring_msg_004 Sem_13_declaring_msg_005 Sem_13_declaring_msg_006 Sem_13_declaring_msg_007 Sem_13_declaring_msg_008 Sem_13_declaring_msg_009 Sem_2402_setverdict_logging_001 Sem_2402_setverdict_params_001 Sem_2402_setverdict_params_002 Sem_2402_setverdict_params_003 Syn_24_toplevel_001 Syn_24_toplevel_002 Syn_24_toplevel_003

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers		
24.1 The verdict mechanism		Sem_2401_GlobalVerdict_001		
		Sem_2401_GlobalVerdict_002		
		Sem_2401_GlobalVerdict_003		
		Sem_2401_GlobalVerdict_004		
		Sem_2401_GlobalVerdict_005		
		Sem_2401_GlobalVerdict_006		
		Sem_2401_GlobalVerdict_007		
		Sem_2401_GlobalVerdict_008		
		Sem_2401_GlobalVerdict_009		
		Sem_2401_GlobalVerdict_010		
		Sem_2401_GlobalVerdict_011		
		Sem_2401_GlobalVerdict_012		
		Sem_2401_InitiallyNone_001		
		Sem_2401_LocalVerdict_001		
		Sem_2401_LocalVerdict_002		
		Sem_2401_LocalVerdict_003		
		Sem_2401_LocalVerdict_004		
		Sem_2401_LocalVerdict_005		
		Sem_2401_LocalVerdict_006		
		Sem_2401_LocalVerdict_007		
		Sem_2401_LocalVerdict_008		
		Sem_2401_LocalVerdict_009		
		Sem_2401_LocalVerdict_010		
		Sem_2401_LocalVerdict_011		
		Sem_2401_LocalVerdict_012		
		Syn_2401_FiveValues_001		
		24.3 The getverdict mechanism		Sem_2403_getverdict_001
				Sem_2403_getverdict_002
				Sem_2403_getverdict_003
				Sem_2403_getverdict_004
Sem_2403_getverdict_005				
26 Module control	Top level	Syn_26_ModuleControl_001		
		Syn_26_ModuleControl_002		
		Syn_26_ModuleControl_003		
		Syn_26_ModuleControl_004		
		Syn_26_ModuleControl_005		
		Syn_26_ModuleControl_006		
		Syn_26_ModuleControl_007		
		Syn_26_ModuleControl_008		
		Syn_26_ModuleControl_009		
		Syn_26_ModuleControl_010		
		Syn_26_ModuleControl_011		
		Syn_26_ModuleControl_012		
		Syn_26_ModuleControl_013		
		Syn_26_ModuleControl_015		
		Syn_26_ModuleControl_016		
		Syn_26_ModuleControl_017		

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers		
	26.1 The execute statement	Sem_2601_ExecuteStatement_001		
		Sem_2601_ExecuteStatement_002		
		Sem_2601_ExecuteStatement_003		
		Sem_2601_ExecuteStatement_004		
		Sem_2601_ExecuteStatement_005		
		Sem_2601_ExecuteStatement_006		
		Sem_2601_ExecuteStatement_007		
		Sem_2601_ExecuteStatement_008		
		Sem_2601_ExecuteStatement_009		
	26.2 The control part	Sem_2602_TheControlPart_001		
		Sem_2602_TheControlPart_002		
Sem_2602_TheControlPart_003				
27 Specifying attributes	27.1.1 Scope of attributes	Syn_270101_ScopeOfAttributes_001		
		Syn_270101_ScopeOfAttributes_002		
		Syn_270101_ScopeOfAttributes_003		
		Syn_270101_ScopeOfAttributes_004		
	27.7 Optional attributes	Sem_2707_OptionalAttributes_001		
		Sem_2707_OptionalAttributes_002		
		Sem_2707_OptionalAttributes_003		
		Sem_2707_OptionalAttributes_004		
		Sem_2707_OptionalAttributes_005		
		Sem_2707_OptionalAttributes_006		
		Sem_2707_OptionalAttributes_007		
		Sem_2707_OptionalAttributes_008		
		Syn_2707_OptionalAttributes_001		
		B Matching incoming values	B.1.1 Matching specific values	Sem_B0101_matching_specific_value_001
				Sem_B0101_matching_specific_value_002
Sem_B0101_matching_specific_value_003				
Sem_B0101_matching_specific_value_004				
Sem_B0101_matching_specific_value_005				
Sem_B0101_matching_specific_value_006				
Sem_B0101_matching_specific_value_007				
Sem_B0101_matching_specific_value_008				
Sem_B0101_matching_specific_value_009				
Sem_B0101_matching_specific_value_010				
Sem_B0101_matching_specific_value_011				
B.1.2.1 Value list	Sem_B010201_value_list_001			
B.1.2.2 Complemented value list	Sem_B010202_complemented_value_list_001			
	Sem_B010202_complemented_value_list_002			
	Sem_B010202_complemented_value_list_003			
	Sem_B010202_complemented_value_list_004			
	Sem_B010202_complemented_value_list_005			
	Sem_B010202_complemented_value_list_006			
	Sem_B010202_complemented_value_list_007			
B.1.2.3 Any value	Sem_B010203_any_value_001			
	Sem_B010203_any_value_002			
B.1.2.4 Any value or none	Sem_B010204_any_value_or_none_001			
	Sem_B010204_any_value_or_none_002			
	Sem_B010204_any_value_or_none_003			

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
B.1.2.5 Value range	Sem_B010205_value_range_001
	Sem_B010205_value_range_002
	Sem_B010205_value_range_003
	Sem_B010205_value_range_004
	Sem_B010205_value_range_005
	Sem_B010205_value_range_006
	Sem_B010205_value_range_007
	Sem_B010205_value_range_008
B.1.2.6 SuperSet	Sem_B010206_superset_001
	Sem_B010206_superset_002
	Sem_B010206_superset_003
B.1.2.7 SubSet	Sem_B010207_subset_001
	Sem_B010207_subset_002
	Sem_B010207_subset_003
B.1.2.8 Omitting optional fields	Sem_B010208_omit_value_001
	Sem_B010208_omit_value_002
	Sem_B010208_omit_value_003
	Sem_B010208_omit_value_004
B.1.3.1 Any element	Sem_B010301_any_element_001
	Sem_B010301_any_element_002
	Sem_B010301_any_element_003
	Sem_B010301_any_element_004
	Sem_B010301_any_element_005
	Sem_B010301_any_element_006
	Sem_B010301_any_element_007
	Sem_B010301_any_element_008
B.1.3.2 Any number of elements of no element	Sem_B010302_any_number_of_elements_or_none_001
	Sem_B010302_any_number_of_elements_or_none_002
	Sem_B010302_any_number_of_elements_or_none_003
B.1.3.3 Permutation	Sem_B010303_permutation_001
	Sem_B010303_permutation_002
	Sem_B010303_permutation_003
	Sem_B010303_permutation_004
	Sem_B010303_permutation_005
	Sem_B010303_permutation_006
	Sem_B010303_permutation_007
	Sem_B010303_permutation_008
B.1.4.1 Length restrictions	Sem_B010401_length_restrictions_001
	Sem_B010401_length_restrictions_002
B.1.4.2 The ifpresent indicator	Sem_B010402_ifPresent_indicator_001
	Sem_B010402_ifPresent_indicator_002
B.1.5 Matching character pattern	Sem_B0105_toplevel_001
B.1.5.1 Set expression	Sem_B010501_set_expression_001
	Sem_B010501_set_expression_002
	Sem_B010501_set_expression_003
	Sem_B010501_set_expression_004
	Sem_B010501_set_expression_005

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
	B.1.5.2 Reference expression	Sem_B010502_reference_expression_001
		Sem_B010502_reference_expression_002
		Sem_B010502_reference_expression_003
		Sem_B010502_reference_expression_004
		Sem_B010502_reference_expression_005
		Sem_B010502_reference_expression_006
		Sem_B010502_reference_expression_007
		Sem_B010502_reference_expression_008
		Sem_B010502_reference_expression_009
	B.1.5.3 Match expression n times	Sem_B010503_match_n_times_001
		Sem_B010503_match_n_times_002
		Sem_B010503_match_n_times_003
		Sem_B010503_match_n_times_004
		Sem_B010503_match_n_times_005
	B.1.5.4 Match a referenced character set	Sem_B010504_match_referenced_characters_001
		Sem_B010504_match_referenced_characters_002
		Sem_B010504_match_referenced_characters_003
		Sem_B010504_match_referenced_characters_004
		Sem_B010504_match_referenced_characters_005
		Sem_B010504_match_referenced_characters_006
		Sem_B010504_match_referenced_characters_007
	B.1.5.5 Type compatibility rules for patterns	Sem_B010505_pattern_compatibility_001
		Sem_B010505_pattern_compatibility_002

Table 2: Test suite structure, negative tests

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
5 Basic language elements	Top level	NegSyn_05_TopLevel_001
	5.1 Identifiers and keywords	NegSem_0501_Identifier_001
		NegSyn_0501_Identifier_001
	5.2 Scope rules	NegSem_0502_Scope_001
		NegSem_0502_Scope_002
		NegSem_0502_Scope_003
	5.2.2 Uniqueness of identifiers	NegSem_050202_Uniqueness_001
		NegSem_050202_Uniqueness_004
		NegSem_050202_Uniqueness_005
		NegSem_050202_Uniqueness_006
		NegSem_050202_Uniqueness_007
		NegSem_050202_Uniqueness_008
		NegSem_050202_Uniqueness_009
		NegSem_050202_Uniqueness_010
		NegSem_050202_Uniqueness_011
		NegSem_050202_Uniqueness_012
	5.3 Ordering of language elements	NegSem_0503_Ordering_001
		NegSem_0503_Ordering_002
		NegSem_0503_Ordering_003
	5.4 Parameterization	NegSem_0504_parametrization_incompatibility_001
NegSyn_0504_forbidden_parametrization_001		
NegSyn_0504_forbidden_parametrization_002		
5.5 Cyclic definitions	NegSem_0505_cyclic_definitions_001	
	NegSem_0505_cyclic_definitions_002	

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers	
6 Types and values	6.1.0 Simple basic types and values	NegSyn_060100_SimpleBasicTypes_001
	NegSyn_060100_SimpleBasicTypes_002	
	NegSyn_060100_SimpleBasicTypes_003	
	NegSyn_060100_SimpleBasicTypes_004	
	NegSyn_060100_SimpleBasicTypes_005	
	NegSyn_060100_SimpleBasicTypes_006	
	6.1.1 Basic string types and values	NegSyn_060101_TopLevel_001
	NegSyn_060101_TopLevel_002	
	NegSyn_060101_TopLevel_003	
	NegSyn_060101_TopLevel_004	
	NegSyn_060101_TopLevel_005	
	NegSyn_060101_TopLevel_006	
	NegSyn_060101_TopLevel_007	
	NegSyn_060101_TopLevel_008	
	NegSyn_060101_TopLevel_009	
	NegSyn_060101_TopLevel_010	
	6.1.2.1 Lists of values	NegSem_06010201_ListOfValues_001
	NegSem_06010201_ListOfValues_002	
	NegSem_06010201_ListOfValues_003	
	NegSem_06010201_ListOfValues_004	
	NegSem_06010201_ListOfValues_005	
	NegSem_06010201_ListOfValues_006	
	6.1.2.2 Lists of types	NegSem_06010202_ListOfTypes_001
	NegSem_06010202_ListOfTypes_002	
	NegSem_06010202_ListOfTypes_003	
	NegSem_06010202_ListOfTypes_004	
	NegSem_06010202_ListOfTypes_005	
	NegSem_06010202_ListOfTypes_006	
	NegSem_06010202_ListOfTypes_007	
	NegSem_06010202_ListOfTypes_008	
	NegSem_06010202_ListOfTypes_009	
	6.1.2.3 Ranges	NegSem_06010203_Ranges_001
	NegSem_06010203_Ranges_002	
	NegSem_06010203_Ranges_003	
	NegSem_06010203_Ranges_004	
	NegSem_06010203_Ranges_005	
	NegSem_06010203_Ranges_006	
	NegSem_06010203_Ranges_007	
	NegSem_06010203_Ranges_008	
	NegSem_06010203_Ranges_009	
	NegSem_06010203_Ranges_010	
NegSem_06010203_Ranges_011		
NegSem_06010203_Ranges_012		
NegSem_06010203_Ranges_013		
NegSem_06010203_Ranges_014		
NegSem_06010203_Ranges_015		
NegSem_06010203_Ranges_016		
NegSem_06010203_Ranges_017		

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
6.1.2.4 String length restrictions	NegSem_06010204_StringLenghtRestrict_001 NegSem_06010204_StringLenghtRestrict_002 NegSem_06010204_StringLenghtRestrict_003 NegSem_06010204_StringLenghtRestrict_004 NegSem_06010204_StringLenghtRestrict_005 NegSem_06010204_StringLenghtRestrict_006 NegSem_06010204_StringLenghtRestrict_007 NegSem_06010204_StringLenghtRestrict_008 NegSyn_06010204_StringLenghtRestrict_001 NegSyn_06010204_StringLenghtRestrict_002
6.1.2.5 Pattern subtyping of character string types	NegSem_06010205_StringPattern_001
6.1.2.6.1 Mixing patterns, lists and ranges	NegSem_0601020601_MixingSubtype_001 NegSem_0601020601_MixingSubtype_002
6.1.2.6.2 Using length restriction with other constraints	NegSem_0601020602_StringMixing_001 NegSem_0601020602_StringMixing_002 NegSem_0601020602_StringMixing_003 NegSem_0601020602_StringMixing_004 NegSem_0601020602_StringMixing_005 NegSem_0601020602_StringMixing_006
6.2 Structured types and values	NegSem_060201_RecordTypeValues_002 NegSem_060201_RecordTypeValues_003 NegSyn_060201_RecordTypeValues_001 NegSyn_060201_RecordTypeValues_002 NegSem_060202_SetTypeValues_002 NegSem_060202_SetTypeValues_003 NegSyn_060202_SetTypeValues_001 NegSyn_060202_SetTypeValues_002 NegSem_0602_TopLevel_001 NegSem_0602_TopLevel_002 NegSem_0602_TopLevel_003 NegSem_0602_TopLevel_004 NegSyn_0602_TopLevel_001 NegSyn_0602_TopLevel_002 NegSyn_0602_TopLevel_003
6.2.1 Record type and values	NegSem_060201_RecordTypeValues_001
6.2.2 Set type and values	NegSem_060202_SetTypeValues_001
6.2.3 Records and sets of single types	NegSem_060203_records_and_sets_of_single_types_003 NegSem_060203_records_and_sets_of_single_types_004 NegSem_060203_records_and_sets_of_single_types_005 NegSem_060203_records_and_sets_of_single_types_006 NegSem_060203_records_and_sets_of_single_types_007 NegSem_060203_records_and_sets_of_single_types_008 NegSem_060203_records_and_sets_of_single_types_009

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
6.2.3.2 Referencing elements of record of and set of types	NegSem_060203_records_and_sets_of_single_types_001
	NegSem_060203_records_and_sets_of_single_types_002
	NegSem_060203_records_and_sets_of_single_types_010
	NegSem_060203_records_and_sets_of_single_types_011
	NegSem_060203_records_and_sets_of_single_types_012
	NegSem_060203_records_and_sets_of_single_types_013
	NegSem_060203_records_and_sets_of_single_types_014
	NegSem_060203_records_and_sets_of_single_types_015
	NegSyn_060203_records_and_sets_of_single_types_001
6.2.7 Arrays	NegSem_060207_arrays_001
	NegSem_060207_arrays_002
	NegSem_060207_arrays_003
	NegSem_060207_arrays_004
	NegSem_060207_arrays_005
	NegSem_060207_arrays_006
	NegSem_060207_arrays_007
	NegSem_060207_arrays_008
	NegSem_060207_arrays_009
	NegSem_060207_arrays_010
	NegSyn_060207_arrays_001
	NegSyn_060207_arrays_002
	NegSyn_060207_arrays_003
6.2.9 Communication port types	NegSem_060209_CommunicationPortTypes_001
	NegSem_060209_CommunicationPortTypes_002
	NegSem_060209_CommunicationPortTypes_003
	NegSem_060209_CommunicationPortTypes_004
	NegSem_060209_CommunicationPortTypes_005
	NegSem_060209_CommunicationPortTypes_006
	NegSem_060209_CommunicationPortTypes_007
	NegSem_060209_CommunicationPortTypes_008
6.2.12 Addressing entities inside the SUT	NegSem_060212_AddressingEntitiesInsideSut_001
6.3.1 Type compatibility of non-structured types	NegSem_060301_non_structured_types_001
	NegSem_060301_non_structured_types_002
	NegSem_060301_non_structured_types_003
	NegSem_060301_non_structured_types_004
	NegSem_060301_non_structured_types_005
	NegSem_060301_non_structured_types_006
	NegSem_060301_non_structured_types_007
	NegSem_060301_non_structured_types_008
	NegSem_060301_non_structured_types_009
	NegSem_060301_non_structured_types_010
	NegSem_060301_non_structured_types_011
	NegSem_060301_non_structured_types_012

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers	
6.3.2 Type compatibility of structured types	NegSem_060302_structured_types_002	
	NegSem_060302_structured_types_003	
	NegSem_060302_structured_types_004	
	NegSem_060302_structured_types_005	
	NegSem_060302_structured_types_006	
	NegSem_060302_structured_types_007	
	NegSem_060302_structured_types_008	
	NegSem_060302_structured_types_009	
	NegSem_060302_structured_types_010	
	NegSem_060302_structured_types_011	
	NegSem_060302_structured_types_012	
	NegSem_060302_structured_types_013	
	NegSem_060302_structured_types_014	
	NegSem_060302_structured_types_015	
	NegSem_060302_structured_types_016	
	NegSem_060302_structured_types_017	
	NegSem_060302_structured_types_018	
	NegSem_060302_structured_types_019	
	6.3.2.1 Type compatibility of enumerated types	NegSem_060302_structured_types_001
6.3.3 Type compatibility of component types	NegSem_060303_component_types_001	
	NegSem_060303_component_types_002	
7 Expression	7.1.1 Arithmetic operators	NegSem_070101_ArithmeticOperators_001
		NegSem_070101_ArithmeticOperators_002
		NegSem_070101_ArithmeticOperators_003
		NegSem_070101_ArithmeticOperators_004
		NegSem_070101_ArithmeticOperators_005
		NegSem_070101_ArithmeticOperators_006
		NegSem_070101_ArithmeticOperators_007
		NegSem_070101_ArithmeticOperators_008
		NegSem_070101_ArithmeticOperators_009
		NegSem_070101_ArithmeticOperators_010
7.1.3 Relational operators	NegSem_070103_RelationalOperators_001	
8 Modules	8.1 Definition of a module	NegSyn_0801_DefinitionOfAModule_001
	8.2.3.1 General format of import	NegSem_08020301_GeneralFormatOfImport_001
		NegSem_08020301_GeneralFormatOfImport_002
		NegSem_08020301_GeneralFormatOfImport_005
		NegSem_08020301_GeneralFormatOfImport_006
		NegSem_08020301_GeneralFormatOfImport_007
		NegSem_08020301_GeneralFormatOfImport_008
		NegSem_08020301_GeneralFormatOfImport_009
		NegSem_08020301_GeneralFormatOfImport_010
		NegSem_08020301_GeneralFormatOfImport_011
		NegSem_08020301_GeneralFormatOfImport_012
		NegSem_08020301_GeneralFormatOfImport_013
		NegSem_08020301_GeneralFormatOfImport_014
		NegSem_08020301_GeneralFormatOfImport_015
NegSem_08020301_GeneralFormatOfImport_016		
NegSem_08020301_GeneralFormatOfImport_017		
NegSem_08020301_GeneralFormatOfImport_018		
NegSem_08020301_GeneralFormatOfImport_019		

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers
	NegSem_08020301_GeneralFormatOfImport_020
	NegSem_08020301_GeneralFormatOfImport_021
	NegSem_08020301_GeneralFormatOfImport_022
	NegSem_08020301_GeneralFormatOfImport_023
	NegSem_08020301_GeneralFormatOfImport_024
	NegSem_08020301_GeneralFormatOfImport_025
	NegSem_08020301_GeneralFormatOfImport_026
	NegSem_08020301_GeneralFormatOfImport_027
	NegSem_08020301_GeneralFormatOfImport_028
	NegSem_08020301_GeneralFormatOfImport_029
	NegSem_08020301_GeneralFormatOfImport_030
	NegSem_08020301_GeneralFormatOfImport_031
	NegSem_08020301_GeneralFormatOfImport_032
	NegSem_08020301_GeneralFormatOfImport_033
	NegSem_08020301_GeneralFormatOfImport_034
	NegSem_08020301_GeneralFormatOfImport_035
	NegSem_08020301_GeneralFormatOfImport_036
	NegSem_08020301_GeneralFormatOfImport_037
	NegSem_08020301_GeneralFormatOfImport_038
	NegSem_08020301_GeneralFormatOfImport_039
	NegSem_08020301_GeneralFormatOfImport_040
	NegSyn_08020301_GeneralFormatOfImport_001
	NegSyn_08020301_GeneralFormatOfImport_002
8.2.3.3 Importing groups	NegSem_08020303_ImportingGroups_001
8.2.3.4 Importing definitions of the same kind	NegSem_08020301_GeneralFormatOfImport_003
	NegSem_08020301_GeneralFormatOfImport_004
8.2.3.5 Importing all definitions of a module	NegSem_08020305_ImportingAllDefinitionsOfAModule_001
	NegSem_08020305_ImportingAllDefinitionsOfAModule_002
8.2.3.7 Importing of import statements from TTCN-3 modules	NegSem_08020307_ImportingOfImportStatementsFromT3Modules_001
	NegSem_08020307_ImportingOfImportStatementsFromT3Modules_002
8.2.3.8 Compatibility of language specifications of imports	NegSem_08020308_CompatibilityOfLanguageSpecificationsInImports_001
	NegSem_08020308_CompatibilityOfLanguageSpecificationsInImports_002
	NegSem_08020308_CompatibilityOfLanguageSpecificationsInImports_003
8.2.4 Definition of friend modules	NegSem_080204_DefinitionOfFriendModules_001
	NegSem_080204_DefinitionOfFriendModules_002
8.2.5 Visibility of definitions	NegSem_080205_VisibilityOfDefinitions_001
	NegSem_080205_VisibilityOfDefinitions_002
	NegSem_080205_VisibilityOfDefinitions_003
	NegSem_080205_VisibilityOfDefinitions_004
	NegSem_080205_VisibilityOfDefinitions_005
8.3 Module control part	NegSyn_0803_ModuleControlPart_001

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9 Port types, component types and test configurations	Top level	NegSem_0901_Communication_ports_002		
		NegSem_0901_Communication_ports_003		
		NegSem_0902_Communication_ports_001		
		NegSem_0902_Communication_ports_002		
		NegSem_0902_Communication_ports_003		
		NegSem_0902_Communication_ports_004		
	9.1 Communication ports	NegSem_0901_Communication_ports_001		
		NegSem_0901_Communication_ports_004		
		NegSem_0901_Communication_ports_005		
		NegSem_0901_Communication_ports_006		
		NegSem_0901_Communication_ports_007		
		NegSem_0901_Communication_ports_009		
		10 Declaring constants	Top level	NegSem_10_Constants_001
				NegSem_10_Constants_002
NegSem_10_Constants_003				
11 Declaring variables	11.1 Value variables	NegSem_1101_ValueVars_001		
		NegSem_1101_ValueVars_002		
		NegSyn_1101_ValueVars_001		
	11.2 Template variables	NegSem_1102_TemplateVars_001		
		NegSem_1102_TemplateVars_002		
		NegSyn_1102_TemplateVars_001		
12 Declaring timers	Top level	NegSem_12_toplevel_timer_001		
		NegSem_12_toplevel_timer_002		
		NegSem_12_toplevel_timer_003		
		NegSem_12_toplevel_timer_004		
		NegSem_12_toplevel_timer_005		
		NegSem_12_toplevel_timer_006		
		NegSem_12_toplevel_timer_007		
		NegSem_12_toplevel_timer_008		
		NegSyn_12_toplevel_timer_001		
		NegSyn_12_toplevel_timer_002		
		NegSyn_12_toplevel_timer_003		
		NegSyn_12_toplevel_timer_005		
		NegSyn_12_toplevel_timer_006		
		NegSyn_12_toplevel_timer_007		
14 Declaring procedure signatures	Top level	NegSem_1400_procedure_signatures_002		
15 Declaring templates	Top level	NegSem_15_TopLevel_001		
		NegSem_15_TopLevel_002		
		NegSem_15_TopLevel_003		
		NegSem_15_TopLevel_004		
	15.3 Global and local templates		NegSem_1503_GlobalAndLocalTemplates_001	
			NegSem_1503_GlobalAndLocalTemplates_002	
			NegSem_1503_GlobalAndLocalTemplates_003	
			NegSem_1503_GlobalAndLocalTemplates_004	
			NegSyn_1503_GlobalAndLocalTemplates_001	
			NegSyn_1503_GlobalAndLocalTemplates_002	
			NegSyn_1503_GlobalAndLocalTemplates_003	
			NegSyn_1503_GlobalAndLocalTemplates_004	

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15.5 Modified templates	NegSem_1505_ModifiedTemplates_001
	NegSem_1505_ModifiedTemplates_002
	NegSem_1505_ModifiedTemplates_003
	NegSem_1505_ModifiedTemplates_004
	NegSem_1505_ModifiedTemplates_005
	NegSem_1505_ModifiedTemplates_006
	NegSem_1505_ModifiedTemplates_007
15.6.1 Referencing individual string elements	NegSem_150601_ReferencingIndividualStringElements_001
15.6.2 Referencing record and set fields	NegSem_150602_ReferencingRecordAndSetFields_001
	NegSem_150602_ReferencingRecordAndSetFields_002
	NegSem_150602_ReferencingRecordAndSetFields_003
	NegSem_150602_ReferencingRecordAndSetFields_004
	NegSem_150602_ReferencingRecordAndSetFields_005
15.6.3 Referencing record of and set of elements	NegSem_150603_ReferencingRecordOfAndSetElements_001
	NegSem_150603_ReferencingRecordOfAndSetElements_002
	NegSem_150603_ReferencingRecordOfAndSetElements_003
	NegSem_150603_ReferencingRecordOfAndSetElements_004
	NegSem_150603_ReferencingRecordOfAndSetElements_005
	NegSem_150603_ReferencingRecordOfAndSetElements_006
	NegSem_150603_ReferencingRecordOfAndSetElements_007
	NegSem_150603_ReferencingRecordOfAndSetElements_008
	NegSem_150603_ReferencingRecordOfAndSetElements_009
	NegSem_150603_ReferencingRecordOfAndSetElements_010
15.8 Template restrictions	NegSem_1508_TemplateRestrictions_001
	NegSem_1508_TemplateRestrictions_002
	NegSem_1508_TemplateRestrictions_003
	NegSem_1508_TemplateRestrictions_004
	NegSem_1508_TemplateRestrictions_005
	NegSem_1508_TemplateRestrictions_006
	NegSem_1508_TemplateRestrictions_007
	NegSem_1508_TemplateRestrictions_008
	NegSem_1508_TemplateRestrictions_009
	NegSem_1508_TemplateRestrictions_010
	NegSem_1508_TemplateRestrictions_011
	NegSem_1508_TemplateRestrictions_012
	NegSem_1508_TemplateRestrictions_013
	NegSem_1508_TemplateRestrictions_014
	NegSem_1508_TemplateRestrictions_015
	NegSem_1508_TemplateRestrictions_016
	NegSem_1508_TemplateRestrictions_017
	NegSem_1508_TemplateRestrictions_018
	NegSem_1508_TemplateRestrictions_019
	NegSem_1508_TemplateRestrictions_020
	NegSem_1508_TemplateRestrictions_021
	NegSem_1508_TemplateRestrictions_022
	NegSem_1508_TemplateRestrictions_023
	NegSem_1508_TemplateRestrictions_024
	NegSem_1508_TemplateRestrictions_025
	NegSem_1508_TemplateRestrictions_026
	NegSem_1508_TemplateRestrictions_027
	NegSem_1508_TemplateRestrictions_028
	NegSem_1508_TemplateRestrictions_029

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
		NegSem_1508_TemplateRestrictions_030 NegSem_1508_TemplateRestrictions_031 NegSem_1508_TemplateRestrictions_032 NegSem_1508_TemplateRestrictions_033 NegSem_1508_TemplateRestrictions_034 NegSem_1508_TemplateRestrictions_035 NegSem_1508_TemplateRestrictions_036 NegSem_1508_TemplateRestrictions_037 NegSem_1508_TemplateRestrictions_038 NegSem_1508_TemplateRestrictions_039 NegSem_1508_TemplateRestrictions_040 NegSem_1508_TemplateRestrictions_041 NegSem_1508_TemplateRestrictions_042 NegSem_1508_TemplateRestrictions_049
	15.9 Match operation	NegSem_1509_MatchOperation_001
	15.10 Valueof operation	NegSem_1510_ValueOfOperation_001 NegSem_1510_ValueOfOperation_002 NegSem_1510_ValueOfOperation_003 NegSem_1510_ValueOfOperation_004 NegSem_1510_ValueOfOperation_005 NegSem_1510_ValueOfOperation_006
	15.11 Concatenating templates of string and list types	NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_001 NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_002 NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_003 NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_004 NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_005 NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_006
16 Functions, altsteps and testcases	16.1 Functions	NegSem_1601_toplevel_001 NegSem_1601_toplevel_002 NegSem_1601_toplevel_003 NegSem_1601_toplevel_004 NegSem_1601_toplevel_005 NegSem_1601_toplevel_006
	16.1.2 Predefined functions	NegSem_160102_predefined_functions_001 NegSem_160102_predefined_functions_002 NegSem_160102_predefined_functions_003 NegSem_160102_predefined_functions_004 NegSem_160102_predefined_functions_005 NegSem_160102_predefined_functions_006 NegSem_160102_predefined_functions_007 NegSem_160102_predefined_functions_008 NegSem_160102_predefined_functions_009 NegSem_160102_predefined_functions_010 NegSem_160102_predefined_functions_017 NegSem_160102_predefined_functions_018 NegSem_160102_predefined_functions_019 NegSem_160102_predefined_functions_021 NegSem_160102_predefined_functions_022 NegSem_160102_predefined_functions_023 NegSem_160102_predefined_functions_024 NegSem_160102_predefined_functions_025 NegSem_160102_predefined_functions_026 NegSem_160102_predefined_functions_027 NegSem_160102_predefined_functions_028

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]	Listing of Test Case identifiers	
		NegSem_160102_predefined_functions_029
		NegSem_160102_predefined_functions_030
		NegSem_160102_predefined_functions_031
		NegSem_160102_predefined_functions_032
		NegSem_160102_predefined_functions_033
		NegSem_160102_predefined_functions_034
		NegSem_160102_predefined_functions_035
	16.1.3 External functions	NegSem_160103_external_functions_001
		NegSem_160103_external_functions_002
		NegSem_160103_external_functions_003
	16.1.4 Invoking function from specific places	NegSem_160104_invoking_functions_from_specific_places_001
		NegSem_160104_invoking_functions_from_specific_places_002
		NegSem_160104_invoking_functions_from_specific_places_003
		NegSem_160104_invoking_functions_from_specific_places_004
	16.2 Altsteps	NegSem_1602_toplevel_001
		NegSem_1602_toplevel_002
		NegSem_1602_toplevel_003
		NegSem_1602_toplevel_004
		NegSem_1602_toplevel_005
		NegSem_1602_toplevel_006
		NegSyn_1602_toplevel_001
16.2.1 Invoking altsteps	NegSem_160201_invoking_altsteps_001	
16.3 Test cases	NegSem_1603_testcases_001	
	NegSem_1603_testcases_002	
19 Basic program statements	19.1 Assignments	NegSem_1901_assignments_001
		NegSem_1901_assignments_002
		NegSem_1901_assignments_003
		NegSyn_1901_assignments_001
19.2 The if-else statement		NegSyn_1902_if_else_statement_001
19.4 The for statement		NegSem_1904_for_statement_001
19.5 The while statement		NegSem_1905_while_statement_001
19.6 The do-while statement		NegSem_1906_do_while_statement_001
19.7 The label statement		NegSem_1907_label_statement_001
		NegSyn_1907_label_statement_001
		NegSyn_1907_label_statement_002
19.8 The goto statement		NegSem_1908_goto_statement_001
		NegSem_1908_goto_statement_002
		NegSem_1908_goto_statement_003
19.10 The return statement		NegSem_1910_return_statement_001
19.11 The log statement		NegSem_1911_log_statement_001
20 Statement and operations for alternative behaviours	20.3 The repeat statement	NegSem_2003_the_repeat_statement_001
20.4 The interleave statement		NegSem_2004_InterleaveStatement_001
		NegSyn_2004_InterleaveStatement_001
		NegSyn_2004_InterleaveStatement_002
20.5.1 The default mechanism		NegSem_200501_the_default_mechanism_001
		NegSem_200503_the_deactivate_operation_001
		NegSem_200503_the_deactivate_operation_002
		NegSem_200503_the_deactivate_operation_003

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	20.5.2 The activate operation	NegSem_200502_the_activate_operation_001
		NegSem_200502_the_activate_operation_002
		NegSem_200502_the_activate_operation_003
		NegSem_200502_the_activate_operation_004
		NegSem_200502_the_activate_operation_005
21 Configuration operations	21.1 Connection operations	NegSem_2101_TopLevel_001
		NegSem_2101_TopLevel_002
	21.1.1 The connect and map operations	NegSem_210101_connect_and_map_operations_001
		NegSem_210101_connect_and_map_operations_002
		NegSem_210101_connect_and_map_operations_003
		NegSem_210101_connect_and_map_operations_004
		NegSem_210101_connect_and_map_operations_005
		NegSem_210101_connect_and_map_operations_006
		NegSem_210101_connect_and_map_operations_007
		NegSem_210101_connect_operation_001
		NegSem_210101_connect_operation_002
		NegSem_210101_map_operation_001
		NegSem_210101_map_operation_002
		21.1.2 The disconnect and unmap operations
	NegSem_210102_disconnect_and_unmap_operations_002	
	NegSem_210102_disconnect_and_unmap_operations_003	
	NegSem_210102_disconnect_and_unmap_operations_004	
	NegSem_210102_disconnect_and_unmap_operations_005	
	NegSem_210102_disconnect_and_unmap_operations_006	
	NegSem_210102_disconnect_and_unmap_operations_017	
	NegSem_210102_disconnect_operation_001	
21.2 Test case operations	NegSem_2102_testcase_stop_001	
21.3.1 The create operation	NegSem_210301_CreateOperation_001	
	NegSem_210301_CreateOperation_002	
	NegSem_210301_CreateOperation_003	
21.3.2 The start test component operation	NegSem_210302_Start_test_component_001	
	NegSem_210302_Start_test_component_002	
21.3.7 The done operation	NegSem_210307_done_operation_001	
21.3.8 The killed operation	NegSem_210308_killed_operation_001	
22 Communication operations	22.2.1 The send operation	NegSem_220201_SendOperation_001
		NegSem_220201_SendOperation_002
		NegSem_220201_SendOperation_003
		NegSem_220201_SendOperation_004
	22.2.2 The receive operation	NegSem_220202_ReceiveOperation_001
	22.2.3 The trigger operation	NegSem_220203_TriggerOperation_001
	22.3.1 The call operation	NegSem_1400_procedure_signatures_001
		NegSem_220301_CallOperation_001
		NegSem_220301_CallOperation_002
	22.3.2 The getcall operation	NegSem_220302_GetcallOperation_001
		NegSem_220302_GetcallOperation_002
		NegSem_220302_GetcallOperation_003
	22.3.3 The reply operation	NegSem_220303_ReplyOperation_001

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23 Timer operations	Top level	NegSem_2302_timer_start_001
	NegSem_2302_timer_start_002	
	NegSem_2302_timer_start_003	
	NegSem_2302_timer_start_004	
	NegSyn_2302_timer_start_001	
	NegSyn_2302_timer_start_002	
	NegSyn_2302_timer_start_003	
	NegSyn_2302_timer_start_004	
	NegSyn_2302_timer_start_005	
	NegSyn_2302_timer_start_006	
	NegSyn_2302_timer_start_007	
	NegSyn_2302_timer_start_008	
	NegSyn_2302_timer_start_009	
	NegSyn_2302_timer_start_010	
	NegSyn_2302_timer_start_011	
	NegSyn_2302_timer_start_012	
	NegSyn_2302_timer_start_013	
	NegSem_23_toplevel_001	
	NegSem_23_toplevel_002	
	NegSyn_23_toplevel_001	
	NegSyn_23_toplevel_002	
	23.3 The stop timer operation	NegSyn_2303_timer_stop_001
	NegSyn_2303_timer_stop_002	
	NegSyn_2303_timer_stop_003	
	NegSyn_2303_timer_stop_004	
	NegSyn_2303_timer_stop_005	
	NegSyn_2303_timer_stop_006	
	23.5 The running timer operation	NegSyn_2305_timer_running_001
NegSyn_2305_timer_running_002		
NegSyn_2305_timer_running_003		
NegSyn_2305_timer_running_004		
NegSyn_2305_timer_running_005		
NegSyn_2305_timer_running_006		
23.6 The timeout operation	NegSyn_2306_timer_timeout_001	
NegSyn_2306_timer_timeout_002		
NegSyn_2306_timer_timeout_003		
NegSyn_2306_timer_timeout_004		
NegSyn_2306_timer_timeout_005		
NegSyn_2306_timer_timeout_006		
NegSyn_2306_timer_timeout_007		
24 Test verdict operations	Top level	NegSem_2402_setverdict_params_001
	NegSem_2402_setverdict_params_002	
	NegSem_2402_setverdict_params_003	
	NegSem_2402_setverdict_params_004	
	NegSem_2402_setverdict_params_005	
	NegSem_24_toplevel_001	
	NegSem_24_toplevel_002	
	NegSem_24_toplevel_003	
	NegSem_24_toplevel_004	
	NegSem_24_toplevel_005	
	24.1 The verdict mechanism	NegSem_2401_SetverdictError

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
26 Module control	26.1 The execute statement	NegSem_2601_ExecuteStatement_001
		NegSem_2601_ExecuteStatement_002
		NegSem_2601_ExecuteStatement_003
		NegSem_2601_ExecuteStatement_004
	26.2 The control part	NegSem_2602_TheControlPart_001
		NegSem_2602_TheControlPart_002
		NegSem_2602_TheControlPart_003
		NegSem_2602_TheControlPart_004
		NegSem_2602_TheControlPart_005
		NegSem_2602_TheControlPart_006
		NegSem_2602_TheControlPart_007
		NegSem_2602_TheControlPart_008
		NegSem_2602_TheControlPart_009
		NegSem_2602_TheControlPart_010
		NegSem_2602_TheControlPart_011
		NegSem_2602_TheControlPart_012
		NegSem_2602_TheControlPart_013
		NegSem_2602_TheControlPart_014
		NegSem_2602_TheControlPart_015
		NegSem_2602_TheControlPart_016
		NegSem_2602_TheControlPart_017
		NegSem_2602_TheControlPart_018
		NegSem_2602_TheControlPart_019
		NegSem_2602_TheControlPart_020
		NegSem_2602_TheControlPart_021
		NegSem_2602_TheControlPart_022
		NegSem_2602_TheControlPart_023
		NegSem_2602_TheControlPart_024
		NegSem_2602_TheControlPart_025
		NegSem_2602_TheControlPart_026
		NegSem_2602_TheControlPart_027
		NegSem_2602_TheControlPart_028
		NegSem_2602_TheControlPart_029
		NegSem_2602_TheControlPart_030
		NegSem_2602_TheControlPart_031
NegSem_2602_TheControlPart_032		
NegSem_2602_TheControlPart_033		
NegSem_2602_TheControlPart_034		
NegSem_2602_TheControlPart_035		
27 Specifying attributes	27.7 Optional attributes	NegSem_2707_OptionalAttributes_002
		NegSem_2707_OptionalAttributes_003
B Matching incoming values	B.1.2.2 Complemented value list	NegSem_B010202_complemented_value_list_001
		NegSem_B010202_complemented_value_list_002
		NegSem_B010202_complemented_value_list_003
	B.1.2.4 Any value or none	NegSem_B010204_any_value_or_none_001
		NegSem_B010204_any_value_or_none_002
		NegSem_B010204_any_value_or_none_003
		NegSem_B010204_any_value_or_none_004
	B.1.2.5 Value range	NegSem_B010205_value_range_001
		NegSem_B010205_value_range_002
		NegSem_B010205_value_range_003
	B.1.2.6 SuperSet	NegSem_B010206_superset_001
		NegSem_B010206_superset_002

Clause numbers and titles in ES 201 873-1 (V4.5.1) [1]		Listing of Test Case identifiers
	B.1.2.7 SubSet	NegSem_B010207_subset_001
		NegSem_B010207_subset_002
	B.1.2.8 Omitting optional fields	NegSem_B010208_omit_value_001
		NegSem_B010208_omit_value_002
		NegSem_B010208_omit_value_003
	B.1.3.3 Permutation	NegSem_B010303_permutation_001
		NegSem_B010303_permutation_002
		NegSem_B010303_permutation_003
		NegSem_B010303_permutation_004
		NegSem_B010303_permutation_005
		NegSem_B010303_permutation_006
	B.1.4.1 Length restrictions	NegSem_B010401_length_restrictions_001
		NegSem_B010401_length_restrictions_002
		NegSem_B010401_length_restrictions_003
		NegSem_B010401_length_restrictions_004
	B.1.4.2 The ifpresent indicator	NegSem_B010402_ifPresent_indicator_001
	B.1.5.1 Set expression	NegSem_B010501_set_expression_001
	B.1.5.4 Match a referenced character set	NegSem_B010504_match_referenced_characters_001

**Table 3: TTCN-3 Version 4.6.1 [5] specific test suite structure, positive tests**

Clause numbers and titles in ES 201 873-2 (V4.6.1) [5]		List of Test Case identifiers
6 Types and values	6.2.3 Records and sets of single types	Sem_060203_records_and_sets_of_single_types_023
		Sem_060203_records_and_sets_of_single_types_024
		Sem_060203_records_and_sets_of_single_types_025
		Sem_060203_records_and_sets_of_single_types_026
7 Expression	7.1.2 List operator	Sem_070102_ListOperator_007
		Sem_070102_ListOperator_008
		Sem_070102_ListOperator_009
	7.1.3 Relational operators	Sem_070103_RelationalOperators_035
		Sem_070103_RelationalOperators_036
16 Functions, altsteps and testcases	16.1.1 Invoking functions	Sem_160101_invoking_functions_002
		Sem_160101_invoking_functions_003
		Sem_160101_invoking_functions_004
		Sem_160101_invoking_functions_005
		Sem_160101_invoking_functions_006
		Sem_160101_invoking_functions_007
		Sem_160101_invoking_functions_008
		16.1.2 Predefined functions
		Sem_160102_predefined_functions_027
		16.1.3 External functions
Sem_160103_external_functions_005		
Sem_160103_external_functions_006		
Sem_160103_external_functions_007		
16.2.1 Invoking altsteps		Sem_160201_invoking_altsteps_005
		Sem_160201_invoking_altsteps_006
		Sem_160201_invoking_altsteps_007
		Sem_160201_invoking_altsteps_008
20 Statement and operations for alternative behaviours	20.5.2 The activate operation	Sem_200502_the_activate_operation_005
		Sem_200502_the_activate_operation_006

Clause numbers and titles in ES 201 873-2 (V4.6.1) [5]	List of Test Case identifiers		
21 Configuration operations	21.1.1 The connect and map operations	Sem_210101_connect_and_map_operations_011	
		Sem_210101_connect_and_map_operations_012	
	21.3.5 The alive operation		Sem_210305_alive_operation_005
			Sem_210305_alive_operation_006
			Sem_210305_alive_operation_007
			Sem_210305_alive_operation_008
			Sem_210305_alive_operation_009
			Sem_210305_alive_operation_010
			Sem_210305_alive_operation_011
			Sem_210305_alive_operation_012
			Sem_210305_alive_operation_013
			Sem_210305_alive_operation_014
	21.3.6 The running operation		Sem_210306_running_operation_003
			Sem_210306_running_operation_004
			Sem_210306_running_operation_005
			Sem_210306_running_operation_006
			Sem_210306_running_operation_007
			Sem_210306_running_operation_008
			Sem_210306_running_operation_009
			Sem_210306_running_operation_010
			Sem_210306_running_operation_011
			Sem_210306_running_operation_012
			Sem_210306_running_operation_013
			Sem_210307_done_operation_012
		21.3.7 The done operation	
			Sem_210307_done_operation_003
			Sem_210307_done_operation_004
			Sem_210307_done_operation_005
	Sem_210307_done_operation_006		
	Sem_210307_done_operation_007		
	Sem_210307_done_operation_008		
	Sem_210307_done_operation_009		
	Sem_210307_done_operation_010		
	Sem_210307_done_operation_011		
	Sem_210307_done_operation_011		
21.3.8 The killed operation		Sem_210308_killed_operation_004	
		Sem_210308_killed_operation_005	
		Sem_210308_killed_operation_006	
		Sem_210308_killed_operation_007	
		Sem_210308_killed_operation_008	
		Sem_210308_killed_operation_009	
		Sem_210308_killed_operation_010	
		Sem_210308_killed_operation_011	
		Sem_210308_killed_operation_012	
		Sem_210308_killed_operation_013	
	22 Communication operations		Sem_220302_getcall_operation_006
			Sem_220302_getcall_operation_007
			Sem_220302_getcall_operation_008
		Sem_220302_getcall_operation_009	
		Sem_220302_getcall_operation_010	
		Sem_220302_getcall_operation_011	
		Sem_220302_getcall_operation_012	
		Sem_220302_getcall_operation_013	
		Sem_220304_getreply_operation_001	
		Sem_220304_getreply_operation_002	
		Sem_220304_getreply_operation_003	
		Sem_220304_getreply_operation_004	
		Sem_220304_getreply_operation_005	
	Sem_220304_getreply_operation_006		
	Sem_220304_getreply_operation_007		
	Sem_220304_getreply_operation_008		

Clause numbers and titles in ES 201 873-2 (V4.6.1) [5]		List of Test Case identifiers
	22.3.6 The catch operation	Sem_220306_catch_operation_001
		Sem_220306_catch_operation_002
		Sem_220306_catch_operation_003
		Sem_220306_catch_operation_004
		Sem_220306_catch_operation_005
		Sem_220306_catch_operation_006
		Sem_220306_catch_operation_007
		Sem_220306_catch_operation_008
	22.4 The check operation	Sem_2204_the_check_operation_121
		Sem_2204_the_check_operation_122
		Sem_2204_the_check_operation_123
		Sem_2204_the_check_operation_124
		Sem_2204_the_check_operation_125
		Sem_2204_the_check_operation_126
23 Timer operations	23.5 The running timer operation	Sem_2305_timer_running_005
	23.6 The timeout operation	Sem_2306_timer_timeout_008
26 Module control	Top level	Syn_26_ModuleControl_014
B Matching incoming values	B.1.2.1 Value list	Sem_B010201_value_list_002
	B.1.3.3 Permutation	Sem_B010303_permutation_009
	B.1.5.3 Match expression n times	Sem_B010503_match_n_times_006

**Table 4: TTCN-3 version 4.6.1 [5] specific test suite structure, negative tests**

Clause numbers and titles in ES 201 873-1 (V4.6.1)		List of Test Case identifiers
6 Types and values	6.2.3 Records and sets of single types	NegSem_060203_records_and_sets_of_single_types_016
	6.2.9 Communication port types	NegSem_060209_CommunicationPortTypes_009
		NegSem_060209_CommunicationPortTypes_010
		NegSem_060209_CommunicationPortTypes_011
		NegSem_060209_CommunicationPortTypes_012
		NegSem_060209_CommunicationPortTypes_013
		NegSem_060209_CommunicationPortTypes_014
		NegSem_060209_CommunicationPortTypes_015
		NegSem_060209_CommunicationPortTypes_016
		NegSem_060209_CommunicationPortTypes_017
		NegSem_060209_CommunicationPortTypes_018
		NegSem_060209_CommunicationPortTypes_019
		NegSem_060209_CommunicationPortTypes_020
NegSem_060209_CommunicationPortTypes_021		
NegSem_060209_CommunicationPortTypes_022		
7 Expression	7.1.2 List operator	NegSem_070102_ListOperator_001
		NegSem_070102_ListOperator_002
		NegSem_070102_ListOperator_003
11 Declaring variables	11.2 Template variables	NegSem_1102_TemplateVars_003
14 Declaring procedure signatures	Top level	NegSem_1400_procedure_signatures_003
		NegSem_1400_procedure_signatures_004
		NegSem_1400_procedure_signatures_005
		NegSem_1400_procedure_signatures_006
		NegSyn_1400_procedure_signatures_001
15 Declaring templates	15.9 Match operation	NegSem_1509_MatchOperation_002
		NegSem_1509_MatchOperation_003
	15.11 Concatenating templates of string and list types	NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_007
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_008
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_009
		NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_010

Clause numbers and titles in ES 201 873-1 (V4.6.1)		List of Test Case identifiers	
16 Functions, altsteps and testcases	16.1.1 Invoking functions	NegSem_160101_invoking_functions_001	
		NegSem_160101_invoking_functions_002	
		NegSem_160101_invoking_functions_003	
		NegSem_160101_invoking_functions_004	
		NegSem_160101_invoking_functions_005	
	16.1.3 External functions	NegSem_160103_external_functions_004	
		NegSem_160103_external_functions_005	
	16.2.1 Invoking altsteps	NegSem_160201_invoking_altsteps_002	
		NegSem_160201_invoking_altsteps_003	
		NegSem_160201_invoking_altsteps_004	
		NegSem_160201_invoking_altsteps_005	
	20 Statement and operations for alternative behaviours	20.5.2 The activate operation	NegSem_200502_the_activate_operation_006
			NegSem_200502_the_activate_operation_007
21 Configuration operations	21.3.5 The alive operation	NegSem_210305_alive_operation_001	
		NegSem_210305_alive_operation_002	
		NegSem_210305_alive_operation_003	
		NegSem_210305_alive_operation_004	
		NegSem_210305_alive_operation_005	
		NegSyn_210305_alive_operation_001	
		NegSyn_210305_alive_operation_002	
		NegSyn_210305_alive_operation_003	
		NegSyn_210305_alive_operation_004	
		21.3.6 The running operation	NegSem_210306_running_operation_001
	NegSem_210306_running_operation_002		
	NegSem_210306_running_operation_003		
	NegSem_210306_running_operation_004		
	NegSem_210306_running_operation_005		
	NegSyn_210306_running_operation_001		
	NegSyn_210306_running_operation_002		
	NegSyn_210306_running_operation_003		
	21.3.7 The done operation	NegSem_210307_done_operation_002	
		NegSem_210307_done_operation_003	
		NegSem_210307_done_operation_004	
		NegSem_210307_done_operation_005	
		NegSem_210307_done_operation_006	
		NegSyn_210307_done_operation_001	
		NegSyn_210307_done_operation_002	
		NegSyn_210307_done_operation_003	
	21.3.8 The killed operation	NegSem_210308_killed_operation_002	
		NegSem_210308_killed_operation_003	
		NegSem_210308_killed_operation_004	
		NegSem_210308_killed_operation_005	
		NegSem_210308_killed_operation_006	
		NegSyn_210308_killed_operation_001	
		NegSyn_210308_killed_operation_002	
		NegSyn_210308_killed_operation_003	
	22 Communication operations	22.3.2 The getcall operation	NegSem_220302_getcall_operation_004
			NegSem_220302_getcall_operation_005
			NegSem_220302_getcall_operation_006
NegSem_220302_getcall_operation_007			
NegSem_220302_getcall_operation_008			
NegSyn_220302_getcall_operation_001			
NegSyn_220302_getcall_operation_002			

Clause numbers and titles in ES 201 873-1 (V4.6.1)	List of Test Case identifiers	
	22.3.4 The getreply operation	NegSem_220304_getreply_operation_001
	NegSem_220304_getreply_operation_002	
	NegSem_220304_getreply_operation_003	
	NegSem_220304_getreply_operation_004	
	NegSem_220304_getreply_operation_005	
	NegSyn_220304_getreply_operation_001	
	NegSyn_220304_getreply_operation_002	
	22.3.6 The catch operation	NegSem_220306_catch_operation_001
	NegSem_220306_catch_operation_002	
	NegSem_220306_catch_operation_003	
	NegSem_220306_catch_operation_004	
	NegSem_220306_catch_operation_005	
	NegSyn_220306_catch_operation_001	
	NegSyn_220306_catch_operation_002	
	NegSyn_220306_catch_operation_003	
	22.4 The check operation	NegSem_2204_the_check_operation_001
	NegSem_2204_the_check_operation_002	
	NegSem_2204_the_check_operation_003	
	NegSem_2204_the_check_operation_004	
	NegSem_2204_the_check_operation_005	
	NegSyn_2204_the_check_operation_001	
NegSyn_2204_the_check_operation_002		
B Matching incoming values	B.1.2.1 Value list	NegSyn_B010201_value_list_001

## Annex A (normative): Test Purposes (TP)

For each test requirement a Test Purpose (TP) is defined. Test purposes shall be defined in a dedicated test purpose document as well as with TTCN-3 documentation tags in each test case of the ATS. Both documentations shall convey the same information for each test purpose.

### A.1 Introduction

#### A.1.1 Test purpose naming convention

The test purpose naming scheme corresponds to the test case identifier naming scheme and vice-versa.

#### A.1.2 Test purpose structure

The test purpose structure is according to the test suite structure (TSS).

#### A.1.3 Test purpose format

In the following, examples for tabular test purpose descriptions are shown that shall be defined in the test purpose document. This representation is a direct mapping of the contents of the document tags in the ATS (such as @purpose, @remark, or @verdict). The tabular descriptions are presented along with their corresponding TTCN-3 documentation tag equivalent. The test purpose reference shall be provided in a machine-readable format.

<b>Test Purpose Id</b>	TP_NegSyn_0501_Identifier
<b>Reference</b>	ES 201 873-1 [1], Clause 5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that when the IUT loads a module containing an identifier named with a keyword then the module is rejected.
<b>Expected Output</b>	Rejection as invalid
<b>Notes</b>	

A corresponding TTCN-3 module addressing TP\_NegSyn\_0501\_Identifier is the following:

```

/*****
** @author   STF 380
** @version  0.0.1
** @purpose  1:5.1, Ensure that when the IUT loads a module containing an
              identifier named with a keyword then the module is rejected.
** @verdict  pass Rejection as invalid
*****/

module NegSyn_0501_Identifier_001 {

type component GeneralComp {
}

testcase TC_NegSyn_0501_Identifier_001() runs on GeneralComp {
    var integer component := 1;
}

control{
    execute(TC_NegSyn_0501_Identifier_001());
}
}

```

<b>Test Purpose Id</b>	TP_Syn_0501_Identifier
<b>Reference</b>	ES 201 873-1 [1], Clause 5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT handles the identifiers case sensitively.
<b>Expected Output</b>	TTCN-3 verdict "pass"
<b>Notes</b>	

A corresponding TTCN-3 module for TP\_Syn\_0501\_Identifier is the following:

```

/*****
** @author   STF 380
** @version  0.0.1
** @purpose  1:5.1, Ensure that the IUT handle the identifiers case sensitively.
** @verdict  pass TTCN-3 verdict
*****/
module Syn_0501_Identifier_001 {

type component IdComp {
    const integer c_int := 0;
}

testcase TC_Syn_0501_Identifier_001() runs on IdComp {
    const integer C_INT := 1;
    if (c_int == 0){
        setverdict(pass);
    }
    else {
        setverdict(fail);
    }
}

control{
    execute(TC_Syn_0501_Identifier_001());
}
}

```

## A.2 Test purposes for the TTCN-3 conformance test suite

### A.2.1 Basic language elements

<b>Test Purpose Id</b>	TP_NegSyn_05_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that when the IUT loads a module containing some definitions before the module declaration then the module is rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.2 Identifiers and keywords

<b>Test Purpose Id</b>	TP_Syn_0501_Identifier_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT handle the identifiers case sensitively.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_0501_Identifier_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that when the IUT loads a module containing an identifier named with a keyword then the module is rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0501_Identifier_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that cannot pass a charstring value to an integer variable.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.3 Scope rules

<b>Test Purpose Id</b>	TP_Syn_0502_Scope_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT supports all the nine scope units.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0502_Scope_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT handle scope hierarchy of component constants.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0502_Scope_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT handle scope hierarchy with component booleans.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0502_Scope_003
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT handles scope hierarchy via functions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0502_Scope_004
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the scope of definitions made in the module part.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0502_Scope_008
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles definitions of extended component scope.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0502_Scope_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles definitions of local scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0502_Scope_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles definitions of local scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0502_Scope_003
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles definitions of local scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.4 Scope of formal parameters

<b>Test Purpose Id</b>	TP_Sem_050201_Scope_of_parameters_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles scope of formal function parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_050201_Scope_of_parameters_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles scope of formal function parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.5 Uniqueness of identifiers

<b>Test Purpose Id</b>	TP_Sem_050202_Uniqueness_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_050202_Uniqueness_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_050202_Uniqueness_003
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_004
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_005
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_006
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_007
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_008
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_009
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_010
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_011
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_050202_Uniqueness_012
<b>Reference</b>	ES 201 873-1 [1], Clause 5.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the uniqueness of variable names in its scope.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.6 Ordering of language elements

<b>Test Purpose Id</b>	TP_Sem_0503_Ordering_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that allowed orderings of declarations are supported
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0503_Ordering_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that allowed any ordering with component definitions are supported
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0503_Ordering_005
<b>Reference</b>	ES 201 873-1 [1], Clause 5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that allowed orderings of declarations are supported
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0503_Ordering_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that declarations are in the allowed ordering
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0503_Ordering_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that declarations are in the allowed ordering
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0503_Ordering_003
<b>Reference</b>	ES 201 873-1 [1], Clause 5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that declarations are in the allowed ordering
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.7 Parameterization

<b>Test Purpose Id</b>	TP_NegSyn_0504_forbidden_parametrization_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects forbidden module parametrization types.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_0504_forbidden_parametrization_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects forbidden module parametrization types.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0504_parametrization_incompatibility_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles received testcase parametrization type incompatibility.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.8 Formal parameters of kind value

<b>Test Purpose Id</b>	TP_Sem_05040101_parameters_of_kind_value_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles parametrization through the use of module parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_05040101_parameters_of_kind_value_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles parametrization through the use of module parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_05040101_parameters_of_kind_value_003
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles parametrization through the use of module parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_05040101_parameters_of_kind_value_004
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles parametrization through the use of module parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.9 Formal parameters of kind template

<b>Test Purpose Id</b>	TP_Sem_05040102_parameters_of_kind_template_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles parametrization through the use of parameterized templates.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_05040102_parameters_of_kind_template_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles parametrization through the use of parameterized templates.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.10 Formal parameters of kind timer

<b>Test Purpose Id</b>	TP_Sem_05040103_parameters_of_kind_timer_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles parametrization through the use of timer parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.11 Formal parameters of kind port

<b>Test Purpose Id</b>	TP_Sem_05040104_parameters_of_kind_port_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.1.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT accepts port parametrization types for functions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.12 Actual parameters

<b>Test Purpose Id</b>	TP_Sem_050402_actual_parameters_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT accepts allowed assignments of actual parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_050402_actual_parameters_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.4.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT accepts nested assignment of actual parameters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.13 Cyclic definitions

<b>Test Purpose Id</b>	TP_Sem_0505_cyclic_definitions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles recursive functions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0505_cyclic_definitions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles cyclic imports.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0505_cyclic_definitions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that cyclic import containing cyclic function calls is allowed.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0505_cyclic_definitions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that cyclic altsteps are allowed.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0505_cyclic_definitions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is detected when two constants reference each other.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0505_cyclic_definitions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is detected when a forbidden cyclic reference occurs in cyclic import.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.14 Simple basic types and values

<b>Test Purpose Id</b>	TP_Syn_060100_SimpleBasicTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign different integer values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060100_SimpleBasicTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign large integer values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060100_SimpleBasicTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign different float values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060100_SimpleBasicTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign small and large float values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060100_SimpleBasicTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Accept float mantisa for float values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060100_SimpleBasicTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Accept all verdict values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060100_SimpleBasicTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign float to integer values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060100_SimpleBasicTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign boolean to integer values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060100_SimpleBasicTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign integer to float values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060100_SimpleBasicTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign boolean to float values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060100_SimpleBasicTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign verdicttype to float values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060100_SimpleBasicTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign integer to verdicttype values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060100_SimpleBasicTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read integer values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060100_SimpleBasicTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read large integer values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060100_SimpleBasicTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read float values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060100_SimpleBasicTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read large float values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060100_SimpleBasicTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.0
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read verdicts
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.2.15 Basic string types and values

<b>Test Purpose Id</b>	TP_Syn_060101_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign different bitstring values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060101_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign different hexstring values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060101_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign different octetstring values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid bitstring value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign string to bitstring values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign octetstring to bitstring values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid hexstring value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign string to hexstring values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign octetstring to hexstring values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid hexstring value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign string to octetstring values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign hexstring to octetstring values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060101_TopLevel_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid hexstring value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060101_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read bitstring
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060101_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read hexstring
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060101_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read octetstring
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060101_TopLevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read charstring
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060101_TopLevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read universal charstring
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060101_TopLevel_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read universal charstring
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.16 Accessing individual string elements

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access bitstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access octetstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access hexstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access bitstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access hexstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access octetstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access charstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access charstring elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010101_AccessStringElements_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Access charstring elements with non printable characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.17 Lists of values

<b>Test Purpose Id</b>	TP_Sem_06010201_ListOfValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to restricted bitstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010201_ListOfValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to restricted bitstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010201_ListOfValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to restricted hexstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010201_ListOfValues_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to restricted octetstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010201_ListOfValues_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to restricted charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010201_ListOfValues_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to restricted integer.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010201_ListOfValues_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to restricted float.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.18 Lists of types

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted bitstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted hexstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted octetstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted charstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types unicharstring allows non-printable characters.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted integers.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted floats.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted boolean value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010202_ListOfTypes_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted verdicttype.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted bitstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted hexstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted octetstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted universal charstrings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted integers.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted floats.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted boolean value.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010202_ListOfTypes_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to list of types restricted verdicttype.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.19 Ranges

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to range restricted integer.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to infinity range restricted integer.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to range restricted integer with exclusive bounds.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to range restricted charstring with inclusive bounds.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to range restricted charstring with exclusive bounds.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to range restricted charstring with mixed bounds.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to range restricted universal charstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010203_Ranges_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to range restricted universal charstring with mixed bounds.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to restricted integer.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to restricted integer.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assure that not_a_number is not allowed in float range subtyping.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to restricted integer with exclusive bounds.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to restricted integer with exclusive bounds.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign range to boolean not permitted.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid value to range constrained charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid value to range constrained charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid value to range constrained charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to restricted float.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to range restricted float.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to range excluded restricted float.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_013
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid value to range constrained universal charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_014
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid value to range constrained universal charstring with mixed bounds.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_015
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid value to range constrained charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_016
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Invalid value infinity for range constrained charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010203_Ranges_017
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Invalid value -infinity for range constrained charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.20 String length restrictions

<b>Test Purpose Id</b>	TP_NegSyn_06010204_StringLenghtRestrict_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	upper boundary should be greater than lower boundary in string length restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_06010204_StringLenghtRestrict_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	boundary integers should be non negative integers.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010204_StringLenghtRestrict_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted bitstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010204_StringLenghtRestrict_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted hexstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010204_StringLenghtRestrict_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted octetstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010204_StringLenghtRestrict_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to list of types restricted charstring.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted bitstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted bitstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted hexstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted hexstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted octetstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted octetstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010204_StringLenghtRestrict_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to length restricted charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.21 Pattern subtyping of character string types

<b>Test Purpose Id</b>	TP_Sem_06010205_StringPattern_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to pattern restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_06010205_StringPattern_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to pattern restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_06010205_StringPattern_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to pattern restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.22 Mixing patterns, lists and ranges

<b>Test Purpose Id</b>	TP_Sem_0601020601_MixingSubtype_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted floats.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0601020601_MixingSubtype_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted integers.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020601_MixingSubtype_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted floats.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020601_MixingSubtype_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted integers.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.23 Using length restriction with other constraints

<b>Test Purpose Id</b>	TP_Sem_0601020602_StringMixing_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0601020602_StringMixing_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0601020602_StringMixing_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0601020602_StringMixing_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted bit strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0601020602_StringMixing_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted hex strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0601020602_StringMixing_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign values to mixed restricted octet strings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020602_StringMixing_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020602_StringMixing_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020602_StringMixing_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted character strings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020602_StringMixing_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted bit strings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020602_StringMixing_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted hex strings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0601020602_StringMixing_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.1.2.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign invalid values to mixed restricted octet strings.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.24 Structured types and values

<b>Test Purpose Id</b>	TP_Syn_0602_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Valid recursive union type definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0602_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Valid recursive record type definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0602_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Valid recursive record type definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0602_TopLevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	constant definition of a record type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0602_TopLevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Fields not mentioned are implicitly left unspecified.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060201_RecordTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The omit keyword shall not be used for mandatory fields.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060201_RecordTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The omit keyword shall not be used for mandatory fields.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060201_RecordTypeValues_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060201_RecordTypeValues_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060201_RecordTypeValues_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060202_SetTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The omit keyword shall not be used for mandatory fields.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060202_SetTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The omit keyword shall not be used for mandatory fields.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060202_SetTypeValues_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060202_SetTypeValues_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060202_SetTypeValues_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_0602_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Invalid recursive union type definition causing an error.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_0602_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Invalid recursive record type definition causing an error.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_0602_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Combined value list and assignment notation not allowed in the same (immediate) context.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment notation can be used for a record type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment notation can be used for a record of type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment notation can be used for a set type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment notation can be used for a set of type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment notation can be used for a union type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment notation can be used for an array.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that value list notation can be used for a record type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that value list notation can be used for a record of type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that indexed notation can be used for an arrays.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that value list notation can be used for a set of type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that value list notation can be used for an array.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that indexed notation can be used for a record of type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_013
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that indexed notation can be used for a set of type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0602_TopLevel_014
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that value list notation can be used for a set type and the values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060201_RecordTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060201_RecordTypeValues_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060202_SetTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060202_SetTypeValues_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments with "implicit omit" attribute are correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0602_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that value list notation cannot be used for a union type.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0602_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that indexed notation cannot be used for a record type.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0602_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that indexed notation cannot be used for a set type.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0602_TopLevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that indexed notation cannot be used for a union type.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.25 Record type and values

<b>Test Purpose Id</b>	TP_Syn_060201_RecordTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The element identifiers are local to the record and shall be unique within the record (but do not have to be globally unique).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060201_RecordTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles empty record definitions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060201_RecordTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in record type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060201_RecordTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in record type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060201_RecordTypeValues_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in record type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060201_RecordTypeValues_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in record type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060201_RecordTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in record type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.26 Set type and values

<b>Test Purpose Id</b>	TP_Syn_060202_SetTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The element identifiers are local to the set and shall be unique within the record (but do not have to be globally unique).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060202_SetTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles empty set definitions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060202_SetTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in set type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060202_SetTypeValues_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in set type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060202_SetTypeValues_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in set type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060202_SetTypeValues_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in set type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060202_SetTypeValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	The dot notation used in set type definitions is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.27 Records and sets of single types

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_020
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	referencing non-existent element of set of value (left-hand side)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_021
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	referencing element of uninitialized record of value (left-hand side)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_022
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	referencing element of uninitialized set of value (left-hand side)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	negative index applied to a record of value on the right hand side of an assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	negative index applied to a set of value on the right hand side of an assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	negative index applied to a record of value on the left hand side of an assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	negative index applied to a set of value on the left hand side of an assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	wrong index type applied to a record of value on the right hand side of an assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	wrong index type applied to a set of value on the right hand side of an assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	wrong index type applied to a record of value on the left hand side of an assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.28 Referencing elements of record of and set of types

<b>Test Purpose Id</b>	TP_NegSyn_060203_records_and_sets_of_single_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that value list cannot contain an empty assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that the inner type referencing is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify assignment of explicitly identified elements to record of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify assignment of explicitly identified elements to set of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of missing elements in assignment notation for record of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of missing elements in assignment notation for set of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of missing and ignored elements during record of value re-assignment
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of missing and ignored elements during record of value re-assignment
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of value list assignment used for initialization of record of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of value list assignment used for initialization of set of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of value list assignment used for update of record of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of value list assignment used for update of set of values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of index notation applied to record of values on right-hand side
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_013
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of index notation applied to set of values on right-hand side
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_014
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of index notation applied to record of values on left-hand side
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_015
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of index notation applied to set of values on left-hand side
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_016
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify the first element of a record of value is accessible by an index notation
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_017
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify the first element of a set of value is accessible by an index notation
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_019
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	referencing non-existent element of record of value (left-hand side)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify the first element of an array is accessible by an index notation
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that the inner type referencing is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that the inner type referencing is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	wrong index type applied to a set of value on the left hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	record of index greater than the upper bound (left-hand side).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	set of index greater than the upper bound (left-hand side).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_013
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	wrong index type applied to a record of value on the right hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_014
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	wrong index type applied to a record of value on the right hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_015
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify than an error is generated when sending a partially initialized record of value.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.29 Enumerated type and values

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of value list assignment used for update of arrays.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.30 Arrays

<b>Test Purpose Id</b>	TP_NegSyn_060207_arrays_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that array cannot contain an empty assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060207_arrays_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that array field cannot contain an empty index.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_060207_arrays_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that array field cannot contain an empty index.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that value list notation can be used for an array.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify assignment of explicitly identified elements to arrays.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify handling of missing elements in assignment notation for arrays.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution. [1]
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify handling of missing and ignored elements during an array re-assignment.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify handling of value list assignment used for initialization of arrays.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify handling of index notation applied to array on right-hand side.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify handling of index notation applied to array on left-hand side.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that arrays can be used to specify record of type and they are compatible.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that arrays can be used to specify record of type and they are compatible.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Referencing element of uninitialized array (left-hand side)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_013
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the two dimensional array type referencing is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060207_arrays_014
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify assignment of explicitly identified elements to two dimensional array.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the value limitation is correctly handled within array.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the inner type referencing is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Negative index applied to an array on the right hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Negative index applied to an array on the left hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Wrong index type applied to an array on the right hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Wrong index type applied to an array on the left hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Array index greater than the upper bound (left-hand side).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Wrong index type applied to an array on the right hand side of an assignment.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when sending a partially initialized array.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060207_arrays_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that the value limitation is correctly handled within array.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.31 The default type

<b>Test Purpose Id</b>	TP_Sem_060208_default_type_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that a reference to an activated default can be assigned to a default variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060208_default_type_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that null value can be assigned to a default variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060208_default_type_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify than existing default references can be assigned
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.2.32 Communication port types

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that message-based ports are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that message-based ports with address are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that it is possible to define procedure-based port types.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that procedure-based ports with address are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that map param is accepted by the port definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap param is accepted by the port definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that complex port definition are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that procedure-base port type definition can contain map parameter definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that procedure-base port type definition can contain unmap parameter definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_060209_CommunicationPortTypes_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that complex procedure-based port type definition are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060209_CommunicationPortTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that map and unmap param and local port address are allowed in a testcase block.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that restriction of port definitions are appropriately handles.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that restriction of port definitions are appropriately handles.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that restriction of port definitions are appropriately handles.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a message port type definition contains no message types.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a procedure port type definition contains no signatures.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a signature port definition contains multiple address clauses.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a signature port definition contains multiple map clauses.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a signature port definition contains multiple unmap clauses.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.33 Addressing entities inside the SUT

<b>Test Purpose Id</b>	TP_Sem_060212_AddressingsEntitiesInsideSut_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure null assignment is accepted for addresses.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060212_AddressingsEntitiesInsideSut_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the right port address is used.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060212_AddressingsEntitiesInsideSut_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure right type checking for address types in ports.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.34 Type compatibility of non-structured types

<b>Test Purpose Id</b>	TP_Sem_060301_non_structured_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060301_non_structured_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible size restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060301_non_structured_types_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060301_non_structured_types_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from incompatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from incompatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from incompatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from incompatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from incompatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from incompatible type ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible size restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible size restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible size restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible size restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible size restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060301_non_structured_types_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from compatible size restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.35 Type compatibility of structured types

<b>Test Purpose Id</b>	TP_Sem_060302_structured_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060302_structured_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible types and lengths
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060302_structured_types_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060302_structured_types_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible anytypes
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060302_structured_types_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060302_structured_types_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible types and lengths
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_003
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_004
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_005
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_006
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_007
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_008
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from incompatible types or type ranges
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments from structures having incompatible anytypes
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments having mismatch between undefined and omitted elements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_013
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments having mismatch between undefined and omitted elements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_014
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments between incompatible structures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_015
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments between incompatible structures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_016
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments between incompatible structures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_017
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments between incompatible structures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_018
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT rejects assignments between incompatible structures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_019
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible types and lengths
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.36 Type compatibility of enumerated types

<b>Test Purpose Id</b>	TP_NegSem_060302_structured_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Reject assignment of other enumerated types since they are only compatible to synonym types
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.37 Type compatibility of component types

<b>Test Purpose Id</b>	TP_Sem_060303_component_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible components
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060303_component_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles assignments from structures having compatible components
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060303_component_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles component incompatibility due to differing list of constant definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060303_component_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 6.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles component incompatibility due to differing constant types having same name
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.38 Arithmetic operators

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the addition of two integers in a constant is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the subtraction of two integers in a constant is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the multiplication of two integers in a constant is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_004
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the division of two integers in a constant is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_005
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the modulo operator on two integers is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_006
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the remainder operator on two integers is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_007
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that operator combinations on integers is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_008
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the addition operator on float constants is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_009
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the subtraction operator on float constants is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_010
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the multiplication operator on float constants is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_011
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the division operator on float constants is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_070101_ArithmeticOperators_012
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a combination of operators on float constants is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the addition of two integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the addition of multiple integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the addition of two integer variables is evaluated correctly when the expression contains a negative value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_004
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the subtraction of two integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_005
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the subtraction of multiple integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_006
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the multiplication of two integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_007
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the multiplication of multiple integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_008
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the division of two integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_009
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the division of multiple integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_010
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the remainder is zero.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_011
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the integer value is smaller than the modulo value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_012
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the integer value greater than the modulo value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_013
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the application of the modulo operator on integer variables is evaluated correctly when two consecutive modulo operators are applied.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_014
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the application of the modulo operator on integer variables is evaluated correctly when the operand is a negative integer.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_015
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the application of the remainder operator on integer variables is evaluated correctly when the operand is a negative integer.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_016
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the application of the remainder operator on integer variables is evaluated correctly when the operand is a negative integer.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_017
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the consecutive application of the remainder operator and the modulo operator on integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_018
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that operator combinations and the modulo operator on integer variables is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_019
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the addition operator works on float variables.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_020
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the subtraction operator works on float variables.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_021
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the multiplication operator works on float variables.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_022
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the division operator works on float variables.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_023
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the combination of different operators works on float variables.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_024
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the operator precedence is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_025
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the operator precedence is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070101_ArithmeticOperators_026
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the operator precedence is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that Arithmetic operators are for integer and float values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that arithmetic operators can handle same type of variables
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that mod arithmetic operator can handle integer variables
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_004
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that rem arithmetic operator can handle integer variables
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_005
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that arithmetic operators cannot handle special float values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_006
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that arithmetic operators cannot handle special float values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_007
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that arithmetic operators cannot handle special float values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_008
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that in x mod y arithmetic operator y is non-zero positive number
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_009
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that in x rem y arithmetic operator y is non-zero positive number
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or [1] after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070101_ArithmeticOperators_010
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that in x rem y arithmetic operator y is non-zero positive number
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.39 List operator

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on bitstrings is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on charstrings is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on record of is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_004
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on set of is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_005
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on arrays is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_006
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on record of is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.40 Relational operators

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on integers is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on floats is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on enumerations is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_004
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than operator on integers is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_005
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than operator on floats is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_006
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than operator on enumerations is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_007
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than or equal to operator on integers is evaluated correctly with differing values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_008
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than or equal to operator on integers is evaluated correctly with equal values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_009
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than or equal to operator on floats is evaluated correctly with differing values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_010
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than or equal to operator on floats is evaluated correctly with equal values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_011
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than or equal to operator on enumerations is evaluated correctly with differing values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_012
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than or equal to operator on enumerations is evaluated correctly with equal values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_013
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the greater than operator on integers is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_014
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than operator on floats is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_015
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than operator on enumerations is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_016
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the greater than or equal to operator on integers is evaluated correctly with differing values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_017
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the greater than or equal to operator on integers is evaluated correctly with equal values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_018
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the greater than or equal to operator on floats is evaluated correctly with differing values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_019
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the greater than or equal to operator on floats is evaluated correctly with equal values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_020
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the less than or equal to operator on enumerations is evaluated correctly with differing values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_021
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the greater than or equal to operator on enumerations is evaluated correctly with equal values.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_022
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the not equals operator on integers is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_023
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the not equals operator on floats is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_024
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the not equals operator on enumerations is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_025
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on sets is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_026
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_030
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_031
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_032
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_033
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_034
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070103_RelationalOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.41 Logical operators

<b>Test Purpose Id</b>	TP_Sem_070104_LogicalOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the boolean operator supports negation.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070104_LogicalOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the and operator with true and false as operands work on boolean variables.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.42 Bitwise operators

<b>Test Purpose Id</b>	TP_Sem_070105_BitwiseOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the bitwise negation operator works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070105_BitwiseOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the bitwise negation operator works as expected on hexstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.43 Shift operators

<b>Test Purpose Id</b>	TP_Sem_070106_ShiftOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the shift left operator works as expected on bitstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070106_ShiftOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the shift left operator works as expected on hexstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070106_ShiftOperators_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the shift right operator works as expected on bitstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070106_ShiftOperators_004
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the shift right operator works as expected on hexstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.44 Rotate operators

<b>Test Purpose Id</b>	TP_Sem_070107_RotateOperators_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the rotate left operator works as expected on bitstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070107_RotateOperators_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the rotate left operator works as expected on hexstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070107_RotateOperators_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the rotate right operator works as expected on bitstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070107_RotateOperators_004
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the rotate right operator works as expected on hexstrings.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.45 Field references and list elements

<b>Test Purpose Id</b>	TP_Sem_0702_FieldReferencesAndListElements_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles field referencing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0702_FieldReferencesAndListElements_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles field referencing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.46 Definition of a module

<b>Test Purpose Id</b>	TP_Syn_0801_DefinitionOfAModule_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a "plain" module definition is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0801_DefinitionOfAModule_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a module definition with language specification is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0801_DefinitionOfAModule_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a module definition with language and package is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0801_DefinitionOfAModule_004
<b>Reference</b>	ES 201 873-1 [1], Clause 8.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a module definition with package and without language is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0801_DefinitionOfAModule_005
<b>Reference</b>	ES 201 873-1 [1], Clause 8.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a module definition with ed4.3.1 language and package is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0801_DefinitionOfAModule_006
<b>Reference</b>	ES 201 873-1 [1], Clause 8.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a module definition with ed4.4.1 language and package is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_0801_DefinitionOfAModule_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a module definition with multiple language specifications is rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.47 Module definitions part

<b>Test Purpose Id</b>	TP_Syn_0802_ModuleDefinitionsPart_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a TypeDef module definition with public visibility is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0802_ModuleDefinitionsPart_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a TypeDef module definition with private visibility is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

## A.2.48 Module parameters

<b>Test Purpose Id</b>	TP_Syn_080201_ModuleParameters_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that plain module parameters are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_080201_ModuleParameters_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that plain module parameters with default values are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_080201_ModuleParameters_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that plain module parameters with default values and visibility modifiers are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_080201_ModuleParameters_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a reference to plain module parameter with a default value delivers the default value unless it is overwritten.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.49 Groups of definitions

<b>Test Purpose Id</b>	TP_Syn_080202_GroupOfDefinitions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a definition within a group is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_080202_GroupOfDefinitions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a definition within a nested group is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_080202_GroupOfDefinitions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a definition within a group with public visibility modifier is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_080202_GroupOfDefinitions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a definition within a group with public visibility modifier and attributes is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

## A.2.50 General format of import

<b>Test Purpose Id</b>	TP_Syn_08020301_GeneralFormatOfImport_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that import all is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_08020301_GeneralFormatOfImport_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that import of specific types is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_08020301_GeneralFormatOfImport_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that import statement cannot be used in test case blocks
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_08020301_GeneralFormatOfImport_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that import statement cannot be used in module control part
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Make sure that local definition takes precedence over imported one when their identifiers are equal
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_004
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Make sure that imported enumeration values take precedence over local definition
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_005
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Make sure that it is possible to use module prefix for local definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_006
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Make sure that it is possible to use module prefix for local definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_007
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Make sure that it is possible to use module prefix for imported definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_008
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that structured type is imported together with its field names and nested type definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_009
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that component type is imported together with constant, variable, timer and port names
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_010
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that signature is imported together with parameter names
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_011
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that parameterized template is imported together with parameter names
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_012
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that function is imported together with parameter names
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_013
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that altstep is imported together with parameter names
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_014
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that test case is imported together with parameter names
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_015
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that information about module parameter type is imported together with module parameter
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_016
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that information about type of constant is imported together with constant
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_017
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify using of import clause with language tag for importing module having identical language tag
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_018
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify using of import clause with language tag for importing module with no language tag
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that name handling of imported enumerations is properly handled
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that name handling of imported enumerations is properly handled
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_005
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Make sure that the identifier of the current module cannot be used for prefixing imported entities
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_006
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the import statement cannot be used in other places than in the module definition part
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_007
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that information about message types is imported together with port type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_008
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of module parameter types are not imported together with module parameters
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_009
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of constant types are not imported together with constants
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_010
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of field types are not imported together with structured types
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_011
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of message types are not imported together with port types
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_012
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of signatures are not imported together with port types
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_013
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of constant types are not imported together with component types
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_014
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of variable types are not imported together with component types
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_015
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of port types are not imported together with component types
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_016
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of parameter types are not imported together with signatures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_017
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of return types are not imported together with signatures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_018
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of exception types are not imported together with signatures
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_019
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of template types are not imported together with data templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_020
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of parameter types are not imported together with data templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_021
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of constants are not imported together with data templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_022
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of module parameters are not imported together with data templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_023
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of functions are not imported together with data templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_024
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of signatures are not imported together with signature templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_025
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of constants are not imported together with signature templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_026
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of module parameters are not imported together with signature templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_027
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of functions are not imported together with signature templates
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_028
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of parameter types are not imported together with functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_029
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of return type are not imported together with functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_030
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of component types are not imported together with functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_031
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of parameter types are not imported together with external functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_032
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of return type are not imported together with external functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_033
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of parameter types are not imported together with allsteps
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_034
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of component types are not imported together with allsteps
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_035
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of parameter types are not imported together with test cases
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_036
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of component types (runs on) are not imported together with test cases
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_037
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that identifiers of component types (system) are not imported together with test cases
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_038
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that definition from inside an imported function cannot be referenced
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_039
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that import clause cannot override language tag of imported module
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_040
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that unsupported language concepts cannot be used when language is set by import clause
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.51 Importing single definitions

<b>Test Purpose Id</b>	TP_Sem_08020302_ImportingSingleDefinitions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the value of an explicitly imported constant can be read and carries the same value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020302_ImportingSingleDefinitions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the value of an explicitly imported template can be read and carries the same value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.2.52 Importing groups

<b>Test Purpose Id</b>	TP_Sem_08020303_ImportingGroups_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a const defined in a group can be accessed if the group is imported.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020303_ImportingGroups_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly handles 'except' clause in group import definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020303_ImportingGroups_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	but that it is in fact a shortcut notation for explicit imports.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020303_ImportingGroups_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that constants listed as exceptions in imported groups are not accessible.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.53 Importing definitions of the same kind

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that transitive imports are properly handled
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020301_GeneralFormatOfImport_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that enumerated type definitions are automatically imported when needed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020304_ImportingDefinitionsOfTheSameKind_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an import of all constants allows access to a sample constant.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020304_ImportingDefinitionsOfTheSameKind_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a previously valid const import is not removed by an import covering the same definition with an except.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020304_ImportingDefinitionsOfTheSameKind_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a previously valid const import is not removed by a second import statement excluding the same definition.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that transitive import rules are properly handled
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020301_GeneralFormatOfImport_004
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that transitive import rules are properly handled
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.54 Importing all definitions of a module

<b>Test Purpose Id</b>	TP_Sem_08020305_ImportingAllDefinitionsOfAModule_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the constant is be visible after multiple imports.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020305_ImportingAllDefinitionsOfAModule_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the constant is be visible after multiple imports.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020305_ImportingAllDefinitionsOfAModule_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the constant is not visible after import with except.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020305_ImportingAllDefinitionsOfAModule_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the constant is not visible after import with except.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.55 Import definitions from other TTCN-3 editions and from non-TTCN-3 modules

<b>Test Purpose Id</b>	TP_Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that imports work with language references when importing definitions of the same kinds (in this case constants) is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that imports work with language references when importing all definitions of another module is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that it is possible to import from previous language versions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

### A.2.56 Importing of import statements from TTCN-3 modules

<b>Test Purpose Id</b>	TP_Sem_08020307_ImportingOfImportStatementsFromT3Modules_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the import of import statements works for import all.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020307_ImportingOfImportStatementsFromT3Modules_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the import of import statements works for import all.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020307_ImportingOfImportStatementsFromT3Modules_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the import of import statements works for import all.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.57 Compatibility of language specifications of imports

<b>Test Purpose Id</b>	TP_Sem_08020308_CompatibilityOfLanguageSpecificationsInImports_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that modules with explicit language tag can import from older TTCN-3 versions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_08020308_CompatibilityOfLanguageSpecificationsInImports_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that modules with explicit language tag can import from older TTCN-3 versions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020308_CompatibilityOfLanguageSpecificationsInImports_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that imports referring to future TTCN-3 versions are rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020308_CompatibilityOfLanguageSpecificationsInImports_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that modules with explicit language tag cannot import from newer TTCN-3 versions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_08020308_CompatibilityOfLanguageSpecificationsInImports_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that modules with explicit language tag cannot import from newer TTCN-3 versions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.58 Definition of friend modules

<b>Test Purpose Id</b>	TP_Sem_080204_DefinitionOfFriendModules_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that friend visibility works for a sample constant.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_080204_DefinitionOfFriendModules_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that friend visibility works for a sample constant.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_080204_DefinitionOfFriendModules_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that private definitions are not made visible by friend declarations (for a constant sample definition).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.59 Visibility of definitions

<b>Test Purpose Id</b>	TP_Sem_080205_VisibilityOfDefinitions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_080205_VisibilityOfDefinitions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported by a friend module.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_080205_VisibilityOfDefinitions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported through a group.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_080205_VisibilityOfDefinitions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported through a group of a friend module.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_080205_VisibilityOfDefinitions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that friend definitions (in this case a sample constant) are visible when imported through a group of a friend module.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_080205_VisibilityOfDefinitions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that private definition (in this case a sample constant) is not visible using a normal import.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_080205_VisibilityOfDefinitions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that private definition (in this case a sample constant) is not visible using an import of a friend module.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_080205_VisibilityOfDefinitions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that friend definition (in this case a sample constant) is not visible using a group import of a non-friend module.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_080205_VisibilityOfDefinitions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that private definition (in this case a sample constant) is not visible using a group import of a non-friend module.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_080205_VisibilityOfDefinitions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 8.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that private definition (in this case a sample constant) is not visible using a group import of a friend module.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.60 Module control part

<b>Test Purpose Id</b>	TP_Syn_0803_ModuleControlPart_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the module control is able to accept execute statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0803_ModuleControlPart_002
<b>Reference</b>	ES 201 873-1 [1], Clause 8.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the module control part with a few commonly used statements is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_0803_ModuleControlPart_003
<b>Reference</b>	ES 201 873-1 [1], Clause 8.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an empty control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_0803_ModuleControlPart_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there is not more than one control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0803_ModuleControlPart_001
<b>Reference</b>	ES 201 873-1 [1], Clause 8.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the verdict returned from a test case to the control-part does not influence the execution of a second test case. The result of the last test case execution corresponds to the overall test verdict.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.61 Port types, component types and test configurations

<b>Test Purpose Id</b>	TP_Syn_0902_Communication_ports_001
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that two component can be mapped by one system interface
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_001
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles loopback message
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_002
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT receives the message sent by mycompA
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_003
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT receives the message sent by mycompB and mycompC
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_004
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message exch. between ports
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_005
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT receives the message sent by mycompA
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0902_Communication_ports_001
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT port correctly mapped with a system interface
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0902_Communication_ports_002
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUTs two ports are mapped correctly to system interfaces
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_002
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that it is not possible to connect a mapped port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_003
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that it is not possible to connect a port with two ports owned by the same component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0902_Communication_ports_001
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles the assoc. of two port to the same system interface
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0902_Communication_ports_002
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the mycomp is connected to two system interface port.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0902_Communication_ports_003
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the two system interf. port cannot connect
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0902_Communication_ports_004
<b>Reference</b>	ES 201 873-1 [1], Clause 9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the a connected port cannot be mapped
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.62 Communication ports

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_006
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that a port can connect to itself
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_007
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that a port can connect to another port of the same component
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_0901_Communication_ports_008
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that more than one component port can mapped to a single system port
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_001
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a port owned by a component A cannot be connected with two ports owned by a component B
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_004
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that it is not possible to map a connected port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_005
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that it is not possible to connect a port with two ports owned by the same component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_006
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that only 1:1 between component port and TSI are allowed
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_007
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that a TSI port cannot be mapped to two ports owned by the same component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_0901_Communication_ports_009
<b>Reference</b>	ES 201 873-1 [1], Clause 9.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that connections within the test system interface are not allowed
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.63 Declaring constants

<b>Test Purpose Id</b>	TP_Syn_10_Constants_001
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Create constants
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_10_Constants_002
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign default constants values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_10_Constants_003
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign component constants values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_10_Constants_004
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define constants in different scopes.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_001
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read constants.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_002
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign and read constants values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_003
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Single expression and constant values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_004
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Constant used within invoke function with return
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_005
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Constant used within predefined function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_006
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Record type used as a constant
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_007
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Record type used as a constant with optional fields
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_008
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Set type used as a constant
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_10_Constants_009
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Set type used as a constant with optional fields
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_10_Constants_001
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Assign rnd to constant used in type, not allowed since constant expressions used in types have to be known at compile-time.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_10_Constants_002
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	A value is assigned only once to a constant
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_10_Constants_003
<b>Reference</b>	ES 201 873-1 [1], Clause 10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Constant shall not be of port type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.64 Value variables

<b>Test Purpose Id</b>	TP_Syn_1101_ValueVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define variables in different scopes
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1101_ValueVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define variables in module scope
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1101_ValueVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define variables in different scopes
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1101_ValueVars_002
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define variables in different scopes
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1101_ValueVars_003
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Read and write variables
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1101_ValueVars_004
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that partially initialized variables are evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1101_ValueVars_005
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that partially initialized variables are evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1101_ValueVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Variables should be assigned only by values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1101_ValueVars_002
<b>Reference</b>	ES 201 873-1 [1], Clause 11.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that partially initialized variables are evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.65 Template variables

<b>Test Purpose Id</b>	TP_Syn_1102_TemplateVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define template variables in different scopes
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1102_TemplateVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define template variables in module scope
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1102_TemplateVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Define variables in different scopes
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1102_TemplateVars_002
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that partially initialized templates are evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1102_TemplateVars_003
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that partially initialized templates are evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1102_TemplateVars_001
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Template variables should be assigned with uninitialized variables
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1102_TemplateVars_002
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that partially initialized templates are evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.66 Declaring timers

<b>Test Purpose Id</b>	TP_Syn_12_toplevel_timer_001
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure non-initialized timer declaration syntax
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_12_toplevel_timer_002
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer array declaration syntax
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_12_toplevel_timer_003
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure definition of a list of timers is allowed as a single declaration
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_12_toplevel_timer_004
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer array initialization syntax
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_12_toplevel_timer_005
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration with expression
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_12_toplevel_timer_006
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration with expression
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_12_toplevel_timer_001
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can't be used in module control parts when declared in components
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_12_toplevel_timer_002
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_12_toplevel_timer_003
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_12_toplevel_timer_005
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_12_toplevel_timer_006
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer array declaration syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_12_toplevel_timer_007
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer array declaration syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_001
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in components
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_002
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in module control parts
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_003
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in altsteps
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_004
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in functions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_005
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in test cases
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_006
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer's elapsed time is plausible
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_007
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in components but used in test cases
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_008
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in components but used in functions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_12_toplevel_timer_009
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be declared in components but used in altsteps
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_001
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure received messages can be a combination of value and matching mechanism
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_001
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer cannot be initialized with negative duration
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_002
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer in array cannot be initialized with negative duration
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_003
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure uninitialized timer can't be started
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_004
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure uninitialized timer in array can't be started
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_005
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure uninitialized timer in array can't be started
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_006
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration syntax - reject single timer instance initialized with array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_007
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration syntax -- reject array initialization with wrong number of initializers
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_12_toplevel_timer_008
<b>Reference</b>	ES 201 873-1 [1], Clause 12
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer declaration syntax -- reject array of timers initialized with a single float value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.67 Declaring messages

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_001
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'record' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_002
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'record of' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_003
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'enum' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_004
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'set' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_005
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'union' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_006
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'bitstring' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_007
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'boolean' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_008
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'charstring' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_009
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'float' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_010
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'hexstring' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_011
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'integer' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_012
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'octetstring' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_013
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'universal charstring' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_toplevel_declaring_msg_various_types_014
<b>Reference</b>	ES 201 873-1 [1], Clause 13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port with type anytype can send and receive messages of any basic or structured type: 'verdicttype' type.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.68 Declaring procedure signatures

<b>Test Purpose Id</b>	TP_Sem_1400_procedure_signatures_001
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT calls signature exception
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1400_procedure_signatures_002
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that with noblock signature the IUT can raise exception
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1400_procedure_signatures_003
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that non blocking signatures can raise exception
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1400_procedure_signatures_004
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that multiple calls can be sent without ack using non-blocking signature
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1400_procedure_signatures_002
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that blocking calls needs response or exception handling
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.69 Declaring templates

<b>Test Purpose Id</b>	TP_Syn_15_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a simple template with a single charstring field is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_15_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template formed from a union is rejected when the union somehow contains a default type field.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_15_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template formed from a union is rejected when the union somehow contains a port type field.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_15_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template shall not be of default type. [1]
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_15_TopLevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template shall not be of port type.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.70 Declaring message templates

<b>Test Purpose Id</b>	TP_Syn_1501_DeclaringMessageTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a simple record-based message template can be defined.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1501_DeclaringMessageTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a simple record-based message template with a wildcard ? is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1501_DeclaringMessageTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a simple record-based message template can be defined with a pattern in a charstring field.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1501_DeclaringMessageTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a primitive type template can be defined with a ? wildcard.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1501_DeclaringMessageTemplates_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a primitive type template can be defined with a one-of notation.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1501_DeclaringMessageTemplates_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all port operations are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

## A.2.71 Declaring signature templates

<b>Test Purpose Id</b>	TP_Syn_1502_DeclaringSignatureTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that signature templates with explicit values are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1502_DeclaringSignatureTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that signature templates with wildcards are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1502_DeclaringSignatureTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the basic operations call and getreply are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1502_DeclaringSignatureTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the raise and catch operations are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1502_DeclaringSignatureTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Test in-line templates for accepting procedure replies.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1502_DeclaringSignatureTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Test in-line templates for accepting procedure replies.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1502_DeclaringSignatureTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Test in-line templates for accepting procedure replies.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.72 Global and local templates

<b>Test Purpose Id</b>	TP_Syn_1503_GlobalAndLocalTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a global parameterized template is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1503_GlobalAndLocalTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a parameterized local template in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1503_GlobalAndLocalTemplates_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a parameterized local template in a function is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1503_GlobalAndLocalTemplates_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a parameterized local template in an altstep is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1503_GlobalAndLocalTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error if no value is assigned in a global non-parameterized template declaration
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1503_GlobalAndLocalTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error if no value is assigned in a local non-parameterized template declaration
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1503_GlobalAndLocalTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error if no value is assigned in a global parameterized template declaration
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1503_GlobalAndLocalTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error if no value is assigned in a local parameterized template declaration
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1503_GlobalAndLocalTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template values can be accessed with the dot notation as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1503_GlobalAndLocalTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template actual parameter is passed through correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1503_GlobalAndLocalTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a send operation with actual parameters of a global parameterized template is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1503_GlobalAndLocalTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a parameterized local template in a test case is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1503_GlobalAndLocalTemplates_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being a template parameter.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1503_GlobalAndLocalTemplates_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being an inline template.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1503_GlobalAndLocalTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error for re-assignment of a global non-parameterized template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1503_GlobalAndLocalTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error for re-assignment of a global non-parameterized template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1503_GlobalAndLocalTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error for re-assignment of a global parameterized template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1503_GlobalAndLocalTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there's an error for re-assignment of a local parameterized template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.73 In-line templates

<b>Test Purpose Id</b>	TP_Syn_1504_InlineTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that inline templates are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1504_InlineTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that modified parameterized inline templates are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1504_InlineTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that modified plain inline templates are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

### A.2.74 Modified templates

<b>Test Purpose Id</b>	TP_Syn_1505_ModifiedTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that plain modified template definitions are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1505_ModifiedTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a modified template does not omit possible parameters introduced in any modification step.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1505_ModifiedTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the default values in formal parameters of modified templates are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1505_ModifiedTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that dash as default parameter values are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1505_ModifiedTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the values of plain modified template definitions are as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1505_ModifiedTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a modified template of a record of type using index notation access works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1505_ModifiedTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that default values in formal parameters of modified templates are working as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1505_ModifiedTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that default values in formal parameters of modified templates are working as expected when the modified template uses the dash for the default value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1505_ModifiedTemplates_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a modified template does not refer to itself.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1505_ModifiedTemplates_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a modified template does not omit possible parameters of the base template.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1505_ModifiedTemplates_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a modified template does not omit possible parameters introduced in any modification step.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1505_ModifiedTemplates_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that parameter names in modified templates are the same.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1505_ModifiedTemplates_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the dash in default parameter values of a modified templates is only accepted when the base template actually has a default value.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1505_ModifiedTemplates_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the same parameter name is used when modifying the base template.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1505_ModifiedTemplates_007
<b>Reference</b>	ES 201 873-1 [1], Clause 15.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the same parameter type is used when modifying the base template.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.75 Referencing individual string elements

<b>Test Purpose Id</b>	TP_NegSem_150601_ReferencingIndividualStringElements_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the referencing of individual string elements inside templates or template fields is forbidden.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.76 Referencing record and set fields

<b>Test Purpose Id</b>	TP_Sem_150602_ReferencingRecordAndSetFields_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	? shall be returned for mandatory subfields and * shall be returned for optional subfields.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_150602_ReferencingRecordAndSetFields_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the recursive anyvalue expansion is performed correctly when new values are assigned.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150602_ReferencingRecordAndSetFields_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that fields with omit values on the right-hand side of an assignment are rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150602_ReferencingRecordAndSetFields_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that fields with * values on the right-hand side of an assignment are rejected
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150602_ReferencingRecordAndSetFields_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that value lists on the right-hand side of an assignment are not accepted.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150602_ReferencingRecordAndSetFields_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that complement lists on the right-hand side of an assignment are not accepted.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150602_ReferencingRecordAndSetFields_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that referencing a template field with the ifpresent attribute causes a rejection.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.77 Referencing record of and set of elements

<b>Test Purpose Id</b>	TP_Sem_150603_ReferencingRecordOfAndSetElements_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment of an anyvalue on the right hand side yields an anyvalue in the context of record of.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_150603_ReferencingRecordOfAndSetElements_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment to a anyvalue in the context of record of is handled correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_150603_ReferencingRecordOfAndSetElements_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment to a anyvalue in the context of record of is handled correctly in two subsequent assignments.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_150603_ReferencingRecordOfAndSetElements_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignment to a anyvalue in the context of record of is handled correctly when the first element is changed.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_150603_ReferencingRecordOfAndSetElements_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that access outside permutation fields is allowed and works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that referencing an element within a value list causes an error in the context of record of.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that access to uninitialized fields in the context of record of is rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that anyvalueornone fields in the context of record of is rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that complement value lists in the context of record of are rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that subset in the context of record of are rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that superset in the context of record of are rejected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_007
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that access into permutation in record of templates is forbidden.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_008
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that access to record of indexes is forbidden when a previous index entry is a permutation with a *.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_009
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that access to ifpresent fields is not allowed.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_150603_ReferencingRecordOfAndSetElements_010
<b>Reference</b>	ES 201 873-1 [1], Clause 15.6.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that referencing AnyValueOrNone fields is not allowed.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.78 Template restrictions

<b>Test Purpose Id</b>	TP_Syn_1508_TemplateRestrictions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is accepted with value omitvalue.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1508_TemplateRestrictions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is accepted with a concrete value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1508_TemplateRestrictions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is accepted with a concrete value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_1508_TemplateRestrictions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) is accepted with a concrete value.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a value can be assigned to a template(omit) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(omit) can be assigned to a template(omit) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a templat(value) can be assigned to a template(omit) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a value can be assigned to a template(value) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(value) can be assigned to a template(value) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a value can be assigned to a template(present) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_007
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(omit) can be assigned to a template(present) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_008
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(value) can be assigned to a template(present) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_009
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(present) can be assigned to a template(present) variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_010
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a value can be assigned to a template variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_011
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(omit) can be assigned to a template variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_012
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(value) can be assigned to a template variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_013
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(present) can be assigned to a template variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_014
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template can be assigned to a template variable.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_015
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a base template can be modified without restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_016
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a base template can be modified with template(present) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_017
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a base template can be modified with template(omit) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_018
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a base template can be modified with template(value) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_019
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(present) base template can be modified with template(present) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_020
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(present) base template can be modified with template(value) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_021
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(omit) base template can be modified with template(omit) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_022
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(omit) base template can be modified with template(value) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_023
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template(value) base template can be modified with template(value) restriction.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_024
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) base templates are allowed to be modified to template(omit).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_025
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) base templates are allowed to be modified to template(present).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_026
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) base templates are allowed to be modified to template(present).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_027
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) base templates are allowed to be modified to template(omit).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_028
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) base templates are allowed to be modified to template.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_029
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) base templates are allowed to be modified to template.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_030
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) base templates are allowed to be modified to template.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_043
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the an unrestricted template can be parameter to template(present)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_044
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template (omit) can be parameter to template(present)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_045
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unrestricted template can be parameter to template(value)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_046
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) can be parameter to template(value)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_047
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) can be parameter to template(value)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1508_TemplateRestrictions_048
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) can be parameter to template(omit)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with anyvalue(?).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with setof template.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with anyvalueornone(*).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with value ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with supersets.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with subsets.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_007
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with patterns.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_008
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with anyelement inside values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_009
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with anyelemenornone inside values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_010
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with permutation inside values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_011
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with length restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_012
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with length restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_013
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) is rejected with length restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_014
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with anyvalue(?).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_015
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with valuelist.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_016
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with anyvalueornone(*).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_017
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with value ranges.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_018
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with supersets.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_019
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with supersets.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_020
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with patterns.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_021
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with anyelement inside values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_022
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with permutation inside values.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_023
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with length restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_024
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) is rejected with length restrictions.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_025
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) refuses omitvalue as a whole.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_026
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(value) refuses omit as a whole.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_027
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that symbols created during template expansion are checked against omit template restriction
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_028
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	ensure that symbols created during template expansion are checked against value template restriction
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_029
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the template(present) with anyvalue(?) can't be assigned to an omit restricted variable template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_030
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unrestricted template with anyvalue(?) can't be assigned to an omit restricted variable template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_031
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) can't be assigned to a variable template(value) if omit
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_032
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) can't be assigned to a template(value) variable if contains anyvalueornone(*)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_033
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an unrestricted template can't be assigned to a template(value) variable if contains anyvalueornone(*)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_034
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a template with omit restriction can't be assigned to a template(present)variable if omit
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_035
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an unrestricted template can't be assigned to a template(present)variable if omit
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_036
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) can't be parameter to a template(omit) if contains anyvalueornone(*)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_037
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) can't be parameter to template(omit) if contains anyvalue(?)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_038
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(omit) can't be parameter to template(value) if it is omit
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_039
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) can't be parameter to template(value) if it contains anyvalueornone(*)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_040
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unrestricted template can't be parameter to template(value) if it contains anyvalueornone(*)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_041
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template (omit) can't be parameter to template(present) if it contains omit
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_042
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the an unrestricted template can't be parameter to template(present) if it contains omit
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1508_TemplateRestrictions_049
<b>Reference</b>	ES 201 873-1 [1], Clause 15.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that template(present) can't be parameter to a template(omit)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.79 Match operation

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works as expected on a template with range restriction when the tested value is inside the range.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works as expected on a template with range restriction when the tested value is outside the range.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly on records in the positive case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly on records in the negative case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly if the types are incompatible.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly on records with optional fields in the positive case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly on sets in the positive case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly on sets in the negative case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_009
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly if the set types are incompatible.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1509_MatchOperation_010
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation works correctly on sets with optional fields in the positive case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1509_MatchOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation refuses two templates as actual parameters.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.80 Valueof operation

<b>Test Purpose Id</b>	TP_Sem_1510_ValueOfOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the valueof operation works as expected for fully initialized templates.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1510_ValueOfOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the valueof function works correctly on omit.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1510_ValueOfOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the valueof function works correctly on templates with wildcards.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1510_ValueOfOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the valueof function works correctly on regular value templates.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1510_ValueOfOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the valueof function works correctly on range templates.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1510_ValueOfOperation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	check that runtime error occurs if valueof is applied to uninitialized template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1510_ValueOfOperation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	check that runtime error occurs if valueof is applied to partially initialized template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.81 Concatenating templates of string and list types

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of charstring types works as expected (variant 1).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types works as expected (variant 2).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of bitstring types works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types works as expected (variant 1).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types works as expected (variant 2).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a concatenation of charstrings with a fixed length AnyValueOrNone be matched.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_007
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenations of record of charstrings are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_008
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenations of record of charstrings work when parameterized.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_009
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenations of set of integers are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_010
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the inline template definitions are correctly concatenated.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_011
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types works as expected (matching patterns in quotation).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_012
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types and ? patterns works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_013
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types and ? patterns works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types yields an even number of digits.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of strings types yields an error if specified ranges are not fixed length.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that a simple concatenation of non-wildcard octetstring are not yield in a non-even number of hexadecimals.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the inline template definitions are correctly concatenated.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the inline template definitions are correctly concatenated.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of octetstring types and ? patterns works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.82 Functions

<b>Test Purpose Id</b>	TP_Sem_1601_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1601_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1601_toplevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1601_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1601_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1601_toplevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1601_toplevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1601_toplevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1601_toplevel_006
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.83 Invoking functions

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles function invocations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.84 Predefined functions

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_006
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_007
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_008
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_009
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_010
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_011
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_012
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_013
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_014
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_015
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_016
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that predefined encvalue function works correctly (as specified in Annex C.5.1)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_017
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that predefined decvalue function performs full decoding correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_018
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that predefined decvalue function performs decoding if there are more bits than needed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_019
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that predefined decvalue function works properly in case of decoding failure
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_020
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that predefined decvalue function works properly in case of not enough bits
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_021
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_022
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_023
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_024
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_025
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C.33)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_006
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_007
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_008
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_009
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_010
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_017
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_018
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_019
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_021
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_022
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_023
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_024
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_025
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_026
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_027
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_028
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_029
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_030
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_031
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_032
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an error is generated when the parameter of the encvalue function contains a matching symbol
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_033
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an error is detected when the parameter of the encvalue function contains an uninitialized value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_034
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an error is detected when the parameter of the encvalue function contains a partially initialized value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160102_predefined_functions_035
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an error is detected when the first parameter of the decvalue function contains an uninitialized value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.85 External functions

<b>Test Purpose Id</b>	TP_Sem_160103_external_functions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes external functions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160103_external_functions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes external functions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160103_external_functions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes external functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160103_external_functions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Port parameters cannot be passed to external functions as inout parameters
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160103_external_functions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Timer parameters cannot be passed to external functions as inout parameters
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.86 Invoking function from specific places

<b>Test Purpose Id</b>	TP_NegSem_160104_invoking_functions_from_specific_places_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes restrictions described in Clause 16.1.4. STF409 assumes that the list given in Clause 16.1.4 describes mandatory restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160104_invoking_functions_from_specific_places_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes restrictions described in Clause 16.1.4. STF409 assumes that the list given in Clause 16.1.4 describes mandatory restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160104_invoking_functions_from_specific_places_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes restrictions described in Clause 16.1.4. STF409 assumes that the list given in Clause 16.1.4 describes mandatory restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160104_invoking_functions_from_specific_places_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes restrictions described in Clause 16.1.4. STF409 assumes that the list given in section 16.1.4 describes mandatory restrictions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.87 Altsteps

<b>Test Purpose Id</b>	TP_NegSyn_1602_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1602_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1602_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1602_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1602_toplevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1602_toplevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1602_toplevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1602_toplevel_006
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.88 Invoking altsteps

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that altsteps are correctly handled for dynamically mapped ports
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that altsteps are correctly handled for dynamically mapped ports
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160201_invoking_altsteps_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.89 Test cases

<b>Test Purpose Id</b>	TP_Syn_1603_testcases_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates invocation of testcases with system clause
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1603_testcases_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates invocation of testcases
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1603_testcases_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates invocation of testcases
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.90 Assignments

<b>Test Purpose Id</b>	TP_NegSyn_1901_assignments_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates assignment statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1901_assignments_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates assignment statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1901_assignments_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates assignment statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1901_assignments_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates assignment statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1901_assignments_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates assignment statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.91 The if-else statement

<b>Test Purpose Id</b>	TP_NegSyn_1902_if_else_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	If statement requires curly brackets for the body
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1902_if_else_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates if-else statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1902_if_else_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates if-else statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.92 The select case statement

<b>Test Purpose Id</b>	TP_Sem_1903_select_case_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates select-case statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1903_select_case_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates select-case statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1903_select_case_statement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates select-case statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1903_select_case_statement_004
<b>Reference</b>	ES 201 873-1 [1], Clause 19.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates select-case statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.93 The for statement

<b>Test Purpose Id</b>	TP_Sem_1904_for_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates for statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1904_for_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates for statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1904_for_statement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates for statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1904_for_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates for statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.94 The while statement

<b>Test Purpose Id</b>	TP_Sem_1905_while_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates while statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1905_while_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates while statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1905_while_statement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates while statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1905_while_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates while statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.95 The do-while statement

<b>Test Purpose Id</b>	TP_Sem_1906_do_while_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates do-while statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1906_do_while_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates do-while statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1906_do_while_statement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates do-while statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1906_do_while_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates do-while statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.96 The label statement

<b>Test Purpose Id</b>	TP_Syn_1907_label_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles label syntax.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1907_label_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles label syntax.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_1907_label_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles label syntax.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1907_label_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles label naming uniqueness.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.97 The goto statement

<b>Test Purpose Id</b>	TP_Sem_1908_goto_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles goto statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1908_goto_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles goto statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1908_goto_statement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles goto statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1908_goto_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles goto statements.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1908_goto_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles goto statements.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1908_goto_statement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles goto statements.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.98 The stop execution statement

<b>Test Purpose Id</b>	TP_Sem_1909_stop_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles stop statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1909_stop_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles stop statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.99 The return statement

<b>Test Purpose Id</b>	TP_Sem_1910_return_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles return statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1910_return_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles return statements.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1910_return_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.10
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles return statements.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.100 The log statement

<b>Test Purpose Id</b>	TP_Sem_1911_log_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates log statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1911_log_statement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 19.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates log statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1911_log_statement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 19.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates log statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1911_log_statement_004
<b>Reference</b>	ES 201 873-1 [1], Clause 19.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates log statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_1911_log_statement_005
<b>Reference</b>	ES 201 873-1 [1], Clause 19.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates log statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1911_log_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates log statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.101 The continue statement

<b>Test Purpose Id</b>	TP_Sem_1913_continue_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 19.13
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT properly evaluates continue statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.102 Statement and operations for alternative behaviours

<b>Test Purpose Id</b>	TP_Syn_20_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that alt-statements are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_20_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that repeat in an alt-statement is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_20_TopLevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 20
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the interleave-statement is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_20_TopLevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 20
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that defaults and the activate statement is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_20_TopLevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 20
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that defaults and the activate statement is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

## A.2.103 The alt statement

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the alt-statement works as expected (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the alt-statement with a guard works as expected (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the alt-statement processes the alternatives in order (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_004
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that activated defaults are processed in the reverse order (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_005
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the else branch is executed when nothing else matched (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_006
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an altstep invocation works as expected (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_007
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an altstep invocation works as expected and that the optional statement block is executed after the altstep statement block (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_008
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the done-block in an alt-statement is triggered as expected (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_009
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the killed-block in an alt-statement is triggered as expected when the component is killed (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_010
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the timeout branch is taken as expected (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_011
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the behaviour continues after the alt-statement (loopback case).
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_012
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that alt statements are correctly handled for dynamically mapped ports
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2002_TheAltStatement_013
<b>Reference</b>	ES 201 873-1 [1], Clause 20.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that alt statements are correctly handled for dynamically mapped ports
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.104 The repeat statement

<b>Test Purpose Id</b>	TP_Sem_2003_the_repeat_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly processes repeat statements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2003_the_repeat_statement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly processes repeat statements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.105 The interleave statement

<b>Test Purpose Id</b>	TP_Syn_2004_InterleaveStatement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Validate that interleave statements are properly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2004_InterleaveStatement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Validate that interleave statements are properly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2004_InterleaveStatement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Validate that interleave statements are properly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2004_InterleaveStatement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Validate that interleave statements are properly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2004_InterleaveStatement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Validate that interleave statements are properly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2004_InterleaveStatement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Validate that interleave statements are properly handled.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.106 The default mechanism

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that activated default is invoked
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that default are processed in interleave
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_003
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify than default are processed in interleave
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_004
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that default processing order is correct
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_005
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that default processing order is correct
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_006
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify repeat command behaviour in invoked default
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_007
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify break command behaviour in invoked default
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200501_the_default_mechanism_008
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify stop command behaviour in invoked default
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200503_the_deactivate_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that deactivate removes default from list of defaults
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200503_the_deactivate_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that deactivate removes default from list of defaults
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200503_the_deactivate_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that deactivate without parameter clear list of defaults
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200503_the_deactivate_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that deactivate null works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200501_the_default_mechanism_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify unsuccessful default termination
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200503_the_deactivate_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that deactivate deactivated default causes error
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200503_the_deactivate_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that deactivate uninitialized default causes error
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200503_the_deactivate_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that error is generated when deactivated reference is on incorrect type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.107 The activate operation

<b>Test Purpose Id</b>	TP_Sem_200502_the_activate_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that activate operation can be used as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200502_the_activate_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that parameters are passed at activation time
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200502_the_activate_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that passing component timer to activated altstep
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200502_the_activate_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify passing port parameter to activated altstep
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200502_the_activate_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify error is generated if activated altstep runs on incompatible component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200502_the_activate_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify error is generated when passing local timer
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200502_the_activate_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify error is generated when activating altstep without parameters
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200502_the_activate_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify error is generated when activating altstep with inout parameters
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200502_the_activate_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify error is generated when activating function
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.108 Connection operations

<b>Test Purpose Id</b>	TP_NegSem_2101_TopLevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that connect operation cannot contain a system port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2101_TopLevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that map operation fails if both operands are component ports
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.109 The connect and map operations

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Connect operation accepts ports with compatible message type list containing several types
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Connect operation accepts ports where outlist of the 1st port is a subset of inlist of the 2nd port
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Connect operation accepts ports where outlist of the 2nd port is a subset of inlist of the 1st port
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Connect operation accepts ports where outlist of both ports are subsets of inlist of the counterpart ports
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Map operation accepts ports with compatible message type list containing several types
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Map operation accepts ports with compatible message type list containing several types
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_007
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Map operation accepts ports with compatible message type list containing several types
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_008
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Map operation accepts ports with compatible message type list containing several types
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_009
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that map param statements are allowed in testcase block
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_010
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that the param part can be skipped in map operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that disconnect has no effect on components that are not connected
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_and_map_operations_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that connect operation rejects ports with incompatible message type lists
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_and_map_operations_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that connect operation rejects ports with only partially compatible message type lists
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_and_map_operations_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that map operation rejects ports with incompatible message type lists
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_and_map_operations_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that connect operation rejects ports with only partially compatible message type lists
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_and_map_operations_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that map parameters cannot be used when not declared in the port type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_and_map_operations_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that type incompatibility in map parameters is detected
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_and_map_operations_007
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that parameter count mismatch in map param clause is detected
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT does not allows two output port connection
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_connect_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT does not allow connecting incompatible ports
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_map_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that IUT cannot map input port with output port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210101_map_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that IUT cannot map input port with output port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.110 The disconnect and unmap operations

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that disconnect operation with two parameters works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that disconnect operation with one parameter works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that disconnect operation with all ports of a component works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that disconnect operation with no argument works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap operation with one system port as a parameter works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap operation with one component port as a parameter works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_007
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap operation with all ports of a component works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_008
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap operation with no parameters works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_009
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all component notation works correctly in unmap operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_010
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that no error is generated when unmapping ports that are not mapped
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_011
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap param statements are allowed in testcase block
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_012
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that the param part can be skipped in unmap operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_and_unmap_operations_013
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that the param clause can be used when unmap contains a single system port parameter
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_disconnect_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all component notation work correctly in disconnect operation
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_unmap_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap operation of a system and component port works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210102_unmap_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unmap operation of a component and system port works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_and_unmap_operations_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that unmap operation cannot contain a system port reference
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_and_unmap_operations_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that disconnecting all ports of all components is not possible in PTC
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_and_unmap_operations_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that unmapping all ports of all components is not possible in PTC
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_and_unmap_operations_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that unmap parameters cannot be used when not declared in the port type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_and_unmap_operations_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that type incompatibility in unmap parameters is detected
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_and_unmap_operations_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that parameter count mismatch in unmap param clause is detected
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_and_unmap_operations_017
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that the param clause cannot be used when unmap contains no system port reference
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210102_disconnect_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that mapped port cannot disconnect
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.111 Test case operations

<b>Test Purpose Id</b>	TP_NegSem_2102_testcase_stop_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Stopping test case
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.112 The create operation

<b>Test Purpose Id</b>	TP_Syn_210301_CreateOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that named components on hosts are accepted
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210301_CreateOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unnamed components can be created
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210301_CreateOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that named components can be created
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210301_CreateOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that unnamed alive components on hosts can be created
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210301_CreateOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that named alive components can be created
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210301_CreateOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that named components on hosts are accepted
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210301_CreateOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that named components on hosts are accepted
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210301_CreateOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that named components on hosts are accepted
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.2.113 The start test component operation

<b>Test Purpose Id</b>	TP_Sem_210302_Start_test_component_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that alive test components are allowed to start another function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210302_Start_test_component_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that non-alive ptc cannot start again
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210302_Start_test_component_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that only component type is allowed for ptc declaration
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.114 The stop test behaviour operation

<b>Test Purpose Id</b>	TP_Sem_210303_Stop_test_component_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that component.stop causes the stopping of the target component.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210303_Stop_test_component_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that self.stop stops current component
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.115 The kill test component operation

<b>Test Purpose Id</b>	TP_Sem_210304_kill_test_component_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that kill operator stops a non alive test components.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210304_kill_test_component_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all component kill stop all ptc
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210304_kill_test_component_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that kill operator stops only non alive test components
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210304_kill_test_component_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that self kill called in a functions stops non alive test comp.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.116 The alive operation

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Testing alive operator with an alive test component
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Test all component alive operator with alive test components
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that alive operator gives a correct boolean result
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Test any component alive operator with multiple test components
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.117 The running operation

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Check that running operator provides information about test components.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Any component with running can check the status of the test components
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.118 The done operation

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all component with done can check that at least one test component is not done
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210307_done_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that done operator can be used only for ptcs.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.119 The killed operation

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all component kill can be checked with killed operator
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	check that any component and killed operator can check that at least one test component is running or not
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the alive keyword is properly evaluated
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210308_killed_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that killed operator is only valid for ptcs.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.120 The send operation

<b>Test Purpose Id</b>	TP_Sem_220201_SendOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220201_SendOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220201_SendOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220201_SendOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220201_SendOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220201_SendOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220201_SendOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220201_SendOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message sending operations
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.121 The receive operation

<b>Test Purpose Id</b>	TP_Sem_220202_ReceiveOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message receiving operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220202_ReceiveOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message receiving operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220202_ReceiveOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message receiving operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220202_ReceiveOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message receiving operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220202_ReceiveOperation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message receiving operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220202_ReceiveOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message receiving operations
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.122 The trigger operation

<b>Test Purpose Id</b>	TP_Sem_220203_TriggerOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message trigger operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220203_TriggerOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message trigger operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220203_TriggerOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message trigger operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220203_TriggerOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message trigger operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220203_TriggerOperation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message trigger operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220203_TriggerOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles message trigger operations
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.123 The call operation

<b>Test Purpose Id</b>	TP_Sem_220301_CallOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles procedure call operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220301_CallOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles procedure call operations
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220301_CallOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles non-blocking procedure call
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220301_CallOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles multiple client calls to the same server
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220301_CallOperation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles broadcast/multicast procedure call
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220301_CallOperation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles broadcast/multicast procedure call
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220301_CallOperation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles blocking procedure call
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1400_procedure_signatures_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that nonblocking signature contains in parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220301_CallOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles procedure call operations
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220301_CallOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly procedure calls
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.124 The getcall operation

<b>Test Purpose Id</b>	TP_Sem_220302_GetcallOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that getcall operations remove only matching procedure from the queue
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_GetcallOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that getcall operations remove the matching procedure from the queue
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_GetcallOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the getcall operation can be correctly restricted to a certain client
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_GetcallOperation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the getcall operation can be correctly restricted to a certain client
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_GetcallOperation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that getcall operations work with any port attribute
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_GetcallOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that getcall operations are only used on procedure based ports
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_GetcallOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that getcall operation does not allow value assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_GetcallOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that getcall for any call does not allow param assignment
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution. [1]
<b>Notes</b>	

## A.2.125 The reply operation

<b>Test Purpose Id</b>	TP_Sem_220303_ReplyOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles reply to multiple clients on the same server
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220303_ReplyOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles reply to multiple clients on the same server
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220303_ReplyOperation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that reply operations are only used on procedure based ports
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.126 The check operation

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(receive) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(receive) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(receive) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(receive) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(receive) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(receive) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(receive) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(receive) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_009
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(receive) in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_010
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(receive) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_011
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify port.check(receive) behaviour in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_012
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(receive) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_013
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any port.check(receive) behaviour in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_014
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(receive) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_015
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any port.check(receive) behaviour in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_016
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(receive) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_017
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(receive) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_018
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(receive) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_019
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(receive) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_020
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(receive) with assignment in case of successful match works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_021
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(receive) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_022
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(receive) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_023
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(receive) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_024
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(receive) with assignment in case of successful match works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_025
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getcall) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_026
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getcall) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_027
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getcall) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_028
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getcall) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_029
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getcall) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_030
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getcall) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_031
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getcall) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_032
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getcall) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_033
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_034
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_035
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_036
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_037
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_038
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_039
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_040
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_041
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_042
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_043
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_044
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getcall) with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_045
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_046
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_047
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_048
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getcall) with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_049
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getreply) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_050
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getreply) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_051
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getreply) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_052
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(getreply) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_053
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getreply) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_054
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getreply) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_055
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getreply) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_056
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(getreply) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_057
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_058
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_059
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_060
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_061
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_062
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_063
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_064
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_065
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_066
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_067
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_068
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(getreply) with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_069
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_070
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_071
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_072
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(getreply) with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_073
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(catch) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_074
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(catch) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_075
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(catch) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_076
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check(catch) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_077
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(catch) works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_078
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(catch) with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_079
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(catch) works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_080
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(catch) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_081
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_082
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_083
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_084
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_085
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_086
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_087
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_088
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_089
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_090
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_091
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_092
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check(catch) with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_093
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_094
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_095
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_096
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check(catch) with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_097
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_098
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_099
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_100
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that port.check with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_101
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_102
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check with assignment works correctly inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_103
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_104
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any port.check(catch) with assignment works correctly as standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_105
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_106
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_107
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_108
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_109
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any port.check behaviour in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_110
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check with assignment in case of unsuccessful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_111
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_112
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check with assignment in case of unsuccessful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_113
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_114
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_115
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_116
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of port.check with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_117
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_118
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check with assignment in case of successful match inside alt
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_119
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_120
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify behaviour of any port.check with assignment in case of successful match in standalone statement
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.127 Timer operations

<b>Test Purpose Id</b>	TP_Syn_23_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer allowed in module control, test case, function, altstep
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_23_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer allowed in module control, test case, function, altstep
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_005
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_006
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_007
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_008
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_009
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_010
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_011
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_012
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2302_timer_start_013
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer start syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2302_timer_start_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer runs from zero to stated value
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2302_timer_start_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer can be restarted
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2302_timer_start_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer default value can be modified by start value
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2302_timer_start_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer with value 0.0 expires immediately
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_23_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer operations are not allowed outside of module control, test case, function, altstep
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_23_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer operations are not allowed outside of module control, test case, function, altstep
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2302_timer_start_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure infinity is not allowed
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2302_timer_start_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure not_a_number is not allowed
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2302_timer_start_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure negative value is not allowed
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2302_timer_start_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure negative infinity is not allowed
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_23_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer operations are not allowed outside of module control, test case, function, altstep
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_23_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer operations are not allowed outside of module control, test case, function, altstep
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.128 The stop timer operation

<b>Test Purpose Id</b>	TP_Syn_2303_timer_stop_006
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_2303_timer_stop_007
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure all timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2303_timer_stop_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	[1]

<b>Test Purpose Id</b>	TP_NegSyn_2303_timer_stop_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2303_timer_stop_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure all timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2303_timer_stop_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure all timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2303_timer_stop_005
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure all timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2303_timer_stop_006
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure all timer stop syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2303_timer_stop_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer stop sets elapsed time to zero
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2303_timer_stop_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer all timer identifier
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2303_timer_stop_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure can be stopped after timeout
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>none</b> after execution.
<b>Notes</b>	

## A.2.129 The running timer operation

<b>Test Purpose Id</b>	TP_Syn_2306_timer_timeout_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running syntax
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2305_timer_running_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2305_timer_running_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2305_timer_running_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2305_timer_running_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2305_timer_running_005
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2305_timer_running_006
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running syntax: disallow all timer.running
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2305_timer_running_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running any timer identifier works
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2305_timer_running_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running operation works
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2305_timer_running_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running operation works
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2305_timer_running_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer running operation works
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.130 The timeout operation

<b>Test Purpose Id</b>	TP_NegSyn_2306_timer_timeout_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2306_timer_timeout_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout can't be used in boolean expressions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2306_timer_timeout_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2306_timer_timeout_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2306_timer_timeout_005
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2306_timer_timeout_006
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2306_timer_timeout_007
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout syntax
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_001
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout operations: non-started timer does not timeout
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_002
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout operations: timed-out timer does not timeout until restarted
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_003
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout happen in order from the shortest to the longest
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_004
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure any timer.timeout operation
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_005
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure any timer.timeout operation for timeouts that are not in scope
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_006
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure any timer.timeout operation handles timeout of any timer in the component, not only visible from a function or altstep
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_007
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure timer timeout happen in order from the shortest to the longest
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.131 Test verdict operations

<b>Test Purpose Id</b>	TP_Syn_24_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict and getverdict are allowed in functions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_24_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict and getverdict are allowed in test cases
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_24_toplevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict and getverdict are allowed in atsteps
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure received messages can't be matched with wrong template
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure instances of messages can be declared by in-line templates
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_004
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure instances of messages can be declared by global templates
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_005
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure instances of messages can be declared and passed via template variables
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_006
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure instances of messages can be declared and passed via inline template
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_007
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure instances of messages can be declared and passed via parameter
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_008
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure instances of messages can be declared and passed via template parameter
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_13_declaring_msg_009
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure instances of messages can be declared and passed via template parameter
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2402_setverdict_logging_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure logging constraints
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2402_setverdict_params_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict accepts values only as the parameter
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2402_setverdict_params_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict accepts values only as the parameter
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2402_setverdict_params_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure logging constraints
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2402_setverdict_params_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict accepts parameters of verdicttype only
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2402_setverdict_params_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict accepts parameters of verdicttype only
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2402_setverdict_params_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict accepts values of verdicttype only
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2402_setverdict_params_004
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict accepts values only as the parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2402_setverdict_params_005
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict accepts values only as the parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_24_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict is not allowed in constant initialization in control part
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_24_toplevel_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict is not allowed in parameter initialization in control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_24_toplevel_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict is not allowed in variable definition in control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_24_toplevel_004
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict is not allowed in part within compound statement.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_24_toplevel_005
<b>Reference</b>	ES 201 873-1 [1], Clause 24
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure setverdict is not allowed in control part at the top level.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.132 The verdict mechanism

<b>Test Purpose Id</b>	TP_Syn_2401_FiveValues_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that there are five values of verdicttype
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: pass can overwrite none.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: inconc can overwrite none.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: fail can overwrite none.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_004
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: none can't overwrite pass.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_005
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: inconc can overwrite pass.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_006
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: fail can overwrite pass.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_007
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: none can't overwrite inconc.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_008
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: pass can't overwrite inconc.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_009
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: fail can overwrite inconc.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_010
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: none can't overwrite fail.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_011
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: pass can't overwrite fail.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_GlobalVerdict_012
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for global verdict: inconc can't overwrite fail.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_InitiallyNone_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that local verdicts initializes with none
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: pass can overwrite none.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: inconc can overwrite none.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: fail can overwrite none.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_004
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: none can't overwrite pass.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_005
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: inconc can overwrite pass.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_006
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: fail can overwrite pass.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_007
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: none can't overwrite inconc.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_008
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: pass can't overwrite inconc.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_009
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: fail can overwrite inconc.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_010
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: none can't overwrite fail.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_011
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: pass can't overwrite fail.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2401_LocalVerdict_012
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure overwriting rules for local verdict: inconc can't overwrite fail.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2401_SetverdictError
<b>Reference</b>	ES 201 873-1 [1], Clause 24.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that setverdict can't set error verdict
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.133 The getverdict mechanism

<b>Test Purpose Id</b>	TP_Sem_2403_getverdict_001
<b>Reference</b>	ES 201 873-1 [1], Clause 24.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict returns the actual verdict none
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2403_getverdict_002
<b>Reference</b>	ES 201 873-1 [1], Clause 24.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict returns the actual verdict inconc
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2403_getverdict_003
<b>Reference</b>	ES 201 873-1 [1], Clause 24.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict returns the actual verdict pass
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2403_getverdict_004
<b>Reference</b>	ES 201 873-1 [1], Clause 24.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict returns the actual verdict fail
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>error</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2403_getverdict_005
<b>Reference</b>	ES 201 873-1 [1], Clause 24.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure getverdict none for uninitialized verdict
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.134 Module control

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_001
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that assignments in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_002
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that if-else constructs in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_003
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that select-case constructs in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_004
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that for loop constructs in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_005
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that while loop constructs in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_006
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that label and goto constructs in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_007
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the stop construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_008
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the break construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_009
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the continue construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_010
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the continue construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_011
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the alt/timeout construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_012
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the repeat construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_013
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the interleave construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_015
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that start/stop/read/running timer constructs in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_016
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the action construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_017
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the execute construct in the control part is accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

## A.2.135 The execute statement

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that parameters are passed correctly into the test case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that multiple parameters of different types are passed correctly into the test case.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the timeout specified with the execute statement is respected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>error</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_004
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the verdict none works correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_005
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the verdict pass works correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_006
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the verdict inconc works correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>inconc</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_007
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the timeout specified with the execute statement is respected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>error</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_008
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the user error sets the verdict error correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>error</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2601_ExecuteStatement_009
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that host id restriction is correctly handled.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>error</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2601_ExecuteStatement_001
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that non-float timeout parameters in the execute statement are rejected (in this case int).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2601_ExecuteStatement_002
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that non-float timeout parameters in the execute statement are rejected (in this case charstring).
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2601_ExecuteStatement_003
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that host id can be only charstring.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2601_ExecuteStatement_004
<b>Reference</b>	ES 201 873-1 [1], Clause 26.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that execution rejects test case execution with infinity timer guard
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.136 The control part

<b>Test Purpose Id</b>	TP_Sem_2602_TheControlPart_001
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the selection/deselection of test cases using boolean conditions works as expected.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2602_TheControlPart_002
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the execution of test cases works from within a function.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2602_TheControlPart_003
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the selection of test cases can be achieved based on resulting verdict types.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>fail</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_001
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that setverdict statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_002
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the create component is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_003
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the create alive component is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_004
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the start statement is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_005
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the stop statement is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_006
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the kill statement is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_007
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the alive operation is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_008
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the running operation is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_009
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the done operation is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_010
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the killed operation is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_011
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the connect statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_012
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the disconnect statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_013
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the map statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_014
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the unmap statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_015
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the send statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_016
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the receive statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_017
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the call statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_018
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the reply statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_019
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the raise statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_020
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the trigger statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_021
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the getcall statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_022
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the getreply statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_023
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the catch statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_024
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the check statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_025
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the clear statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_026
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the start statements on ports are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_027
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the stop statements on ports are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_028
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the halt statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_029
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that alternative behaviours are only used to control timer behaviour in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_030
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that getverdict statements are not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_031
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that execute statements are not executed from test cases.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_032
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the create alive named component is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_033
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the create named component is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_034
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the create named component on host is not allowed in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2602_TheControlPart_035
<b>Reference</b>	ES 201 873-1 [1], Clause 26.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that alternative behaviours are only used to control timer behaviour in the control part.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.137 Scope of attributes

<b>Test Purpose Id</b>	TP_Syn_270101_ScopeOfAttributes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 27.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that attributes for language elements are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_270101_ScopeOfAttributes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 27.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that attributes for language elements are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_270101_ScopeOfAttributes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 27.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that attributes for individual fields are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Syn_270101_ScopeOfAttributes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 27.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that attributes for individual fields are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

## A.2.138 Optional attributes

<b>Test Purpose Id</b>	TP_Syn_2707_OptionalAttributes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_001
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_004
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_005
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_006
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_007
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2707_OptionalAttributes_008
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2707_OptionalAttributes_002
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2707_OptionalAttributes_003
<b>Reference</b>	ES 201 873-1 [1], Clause 27.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles attribute definitions and their scoping rules
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.139 Matching specific values

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_007
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_008
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_009
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_010
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B0101_matching_specific_value_011
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of specific values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.140 Value list

<b>Test Purpose Id</b>	TP_Sem_B010201_value_list_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of listed multiple values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.141 Complemented value list

<b>Test Purpose Id</b>	TP_Sem_B010202_complemented_value_list_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010202_complemented_value_list_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010202_complemented_value_list_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010202_complemented_value_list_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010202_complemented_value_list_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010202_complemented_value_list_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010202_complemented_value_list_007
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010202_complemented_value_list_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010202_complemented_value_list_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010202_complemented_value_list_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of complemented value listing
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.142 Any value

<b>Test Purpose Id</b>	TP_Sem_B010203_any_value_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010203_any_value_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.143 Any value or none

<b>Test Purpose Id</b>	TP_Sem_B010204_any_value_or_none_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of * values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010204_any_value_or_none_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that AnyValueOrNone can be assigned to top-level template
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010204_any_value_or_none_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that AnyValueOrNone can be used for matching optional fields
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010204_any_value_or_none_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of * values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010204_any_value_or_none_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of * values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010204_any_value_or_none_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that AnyValueOrNone cannot be used for matching non-optional value
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010204_any_value_or_none_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that AnyValueOrNone cannot be used for matching compulsory fields
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.144 Value range

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_007
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010205_value_range_008
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010205_value_range_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010205_value_range_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010205_value_range_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value range definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.145 SuperSet

<b>Test Purpose Id</b>	TP_Sem_B010206_superset_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010206_superset_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010206_superset_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010206_superset_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010206_superset_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.146 SubSet

<b>Test Purpose Id</b>	TP_Sem_B010207_subset_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010207_subset_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010207_subset_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010207_subset_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010207_subset_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of superset definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.147 Omitting optional fields

<b>Test Purpose Id</b>	TP_Sem_B010208_omit_value_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of omit values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010208_omit_value_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of omit values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010208_omit_value_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of omit values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010208_omit_value_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of omit values
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010208_omit_value_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of omit values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010208_omit_value_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of omit values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010208_omit_value_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of omit values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.148 Any element

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_007
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010301_any_element_008
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.149 Any number of elements of no element

<b>Test Purpose Id</b>	TP_Sem_B010302_any_number_of_elements_or_none_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of * symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010302_any_number_of_elements_or_none_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of * symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010302_any_number_of_elements_or_none_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of * symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.150 Permutation

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_001 [1]
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles permutation within arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_007
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all from clause can be used inside permutation
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_008
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all from clause operand can be a set of value
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010303_permutation_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ? symbols in value elements
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010303_permutation_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that all from operand can be a record of or set of only
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or a [1] after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010303_permutation_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that type restriction for permutation elements is applied
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010303_permutation_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that type restriction for all from clause in permutation is applied
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010303_permutation_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify restriction on individual members of all from operand in permutation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010303_permutation_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify restriction on individual members of all from operand in permutation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.151 Length restrictions

<b>Test Purpose Id</b>	TP_Sem_B010401_length_restrictions_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value length definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010401_length_restrictions_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value length definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010401_length_restrictions_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value length definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010401_length_restrictions_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value length definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010401_length_restrictions_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value length definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010401_length_restrictions_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of value length definitions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.152 The ifpresent indicator

<b>Test Purpose Id</b>	TP_Sem_B010402_ifPresent_indicator_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ifpresent indicators
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010402_ifPresent_indicator_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ifpresent indicators
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010402_ifPresent_indicator_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.4.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of ifpresent indicators
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.153 Matching character pattern

<b>Test Purpose Id</b>	TP_Sem_B0105_toplevel_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern definitions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.154 Set expression

<b>Test Purpose Id</b>	TP_Sem_B010501_set_expression_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern set expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010501_set_expression_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern set expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010501_set_expression_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern set expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010501_set_expression_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern set expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010501_set_expression_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern set expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010501_set_expression_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern set expressions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.155 Reference expression

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_007
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_008
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010502_reference_expression_009
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.156 Match expression n times

<b>Test Purpose Id</b>	TP_Sem_B010503_match_n_times_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010503_match_n_times_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010503_match_n_times_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010503_match_n_times_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010503_match_n_times_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.157 Match a referenced character set

<b>Test Purpose Id</b>	TP_Sem_B010504_match_referenced_characters_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010504_match_referenced_characters_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010504_match_referenced_characters_003
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010504_match_referenced_characters_004
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010504_match_referenced_characters_005
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010504_match_referenced_characters_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010504_match_referenced_characters_007
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_B010504_match_referenced_characters_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern reference characters
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.2.158 Type compatibility rules for patterns

<b>Test Purpose Id</b>	TP_Sem_B010505_pattern_compatibility_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles character pattern compatibility rules of template matching
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010505_pattern_compatibility_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles character pattern compatibility rules of template matching
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

## A.2.159 Preprocessing macros

<b>Test Purpose Id</b>	TP_Sem_D01_macro_module_001
<b>Reference</b>	ES 201 873-1 [1], Clause D
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that <code>__MODULE__</code> replaces the module name
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_D02_macro_file_001
<b>Reference</b>	ES 201 873-1 [1], Clause D
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that <code>__FILE__</code> macro stores the path and file name in a charstring
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_D03_macro_bfile_001
<b>Reference</b>	ES 201 873-1 [1], Clause D
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the <code>__BFILE__</code> macro replaces the actual file name
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_D04_macro_line_001
<b>Reference</b>	ES 201 873-1 [1], Clause D
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that <code>__LINE__</code> macro stores the actual line number when it is called
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_D05_macro_scope_001
<b>Reference</b>	ES 201 873-1 [1], Clause D
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that <code>__SCOPE__</code> replaces the actual higher basic unit
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_D05_macro_scope_002
<b>Reference</b>	ES 201 873-1 [1], Clause D
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that <code>__SCOPE__</code> replaces the actual higher basic unit
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_D05_macro_scope_001
<b>Reference</b>	ES 201 873-1 [1], Clause D
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that <code>__SCOPE__</code> replaces the actual higher named basic scope unit
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.3 Test purposes for the version 4.6.1 specific TTCN-3 conformance test suite

### A.3.1 Records and sets of single types

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_023
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that arrays can be used as index notation for multi-dimensional nested record of type
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_024
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that integer record of type can be used an index notation for multi-dimensional nested record of type
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_025
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that array can be used index notation for multi-dimensional nested set of type
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_060203_records_and_sets_of_single_types_026
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that an integer record of can be used as index notation for multi-dimensional nested set of type
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060203_records_and_sets_of_single_types_016
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	integer set of type cannot be used as an index notation for multi-dimensional nested set of type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.3.2 Communication port types

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_009
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a map param declaration contains a template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_010
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when an unmap param declaration contains a template
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_011
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a map param declaration contains a port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_012
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when an unmap param declaration contains a port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_013
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a map param declaration contains a component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_014
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when an unmap param declaration contains a component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_015
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a map param declaration contains a timer
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_016
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when an unmap param declaration contains a timer
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_017
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a map param declaration contains the default type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_018
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when an unmap param declaration contains the default type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_019
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a map param declaration references a component containing type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_020
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when an unmap param declaration references a component containing type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_021
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when a map param declaration references a type that contains default
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_060209_CommunicationPortTypes_022
<b>Reference</b>	ES 201 873-1 [1], Clause 6.2.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that an error is generated when an unmap param declaration references a type that contains default
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.3 List operator

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_007
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on record-of with partially initialized operands is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_008
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on set-of with partially initialized operands is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070102_ListOperator_009
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the list operator on arrays with partially initialized operands is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070102_ListOperator_001
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that when the list concatenation operator is used for record of-s, its operands shall be at least partially initialized
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070102_ListOperator_002
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that when the list concatenation operator is used for set of-s, its operands shall be at least partially initialized
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_070102_ListOperator_003
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that when the list concatenation operator is used for array-s, its operands shall be at least partially initialized
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.4 Relational operators

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_035
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the equals operator on records is evaluated correctly.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_070103_RelationalOperators_036
<b>Reference</b>	ES 201 873-1 [1], Clause 7.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that compound expression are compatible with the root type
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.3.5 Template variables

<b>Test Purpose Id</b>	TP_NegSem_1102_TemplateVars_003
<b>Reference</b>	ES 201 873-1 [1], Clause 11.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that uninitialized template variables in return statement cause an error.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.6 Declaring procedure signatures

<b>Test Purpose Id</b>	TP_NegSyn_1400_procedure_signatures_001
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that timer cannot be a signature parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1400_procedure_signatures_003
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that default type cannot be a signature parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1400_procedure_signatures_004
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that component type cannot be a signature parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1400_procedure_signatures_005
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that port type cannot be signature parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1400_procedure_signatures_006
<b>Reference</b>	ES 201 873-1 [1], Clause 14
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that record type cannot be signature parameter if contains a default type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.7 Match operation

<b>Test Purpose Id</b>	TP_NegSem_1509_MatchOperation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation refuses partially initialized value in the first parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1509_MatchOperation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 15.9
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the match operation refuses partially initialized value in the first parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.8 Concatenating templates of string and list types

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_007
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of strings types returns an error if specified ranges are not fixed length.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_008
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of strings types returns an error if operands are uninitialized.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_009
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of strings types returns an error if operands are uninitialized.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_010
<b>Reference</b>	ES 201 873-1 [1], Clause 15.11
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that concatenation of strings types returns an error if operands are uninitialized.
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

## A.3.9 Invoking functions

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks mtc compatibility between a test case and an invoked function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks mtc compatibility of invoked functions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks system compatibility of invoked functions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks compatibility of a function system clause and test case runs on clause
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_006
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the function with mtc clause can handle mtc component
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_007
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the function with mtc and system clause can handle mtc and system component
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160101_invoking_functions_008
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the function can be declared to as deterministic
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160101_invoking_functions_001
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects mtc incompatibility between a test case and an invoked function
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160101_invoking_functions_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects mtc incompatibility of invoked functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160101_invoking_functions_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects system incompatibility of invoked functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160101_invoking_functions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects incompatibility between function system clause and test case runs on clause
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160101_invoking_functions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the function without mtc clause cannot handle an mtc component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.10 Predefined functions

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_026
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160102_predefined_functions_027
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that predefined encvalue function works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.3.11 External functions

<b>Test Purpose Id</b>	TP_Sem_160103_external_functions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the external function be declared to be deterministic
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160103_external_functions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that running and alive operation can be used as a boolean input parameter of an external function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160103_external_functions_006
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that checkstate operation can be used as a boolean input parameter of an external function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160103_external_functions_007
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that read and running operation for a timer can be used as a input parameter of an external function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160103_external_functions_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Default parameter cannot be used as input parameter of an external functions
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160103_external_functions_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.1.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that external function cannot have component as input parameter
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.12 Invoking altsteps

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks mtc compatibility between a test case and an invoked altstep
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_006
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks mtc compatibility of invoked altsteps
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_007
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks system compatibility of invoked altsteps
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_160201_invoking_altsteps_008
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT checks compatibility of an altstep system clause and test case runs on clause
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160201_invoking_altsteps_002
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects mtc incompatibility between a test case and an invoked altstep
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160201_invoking_altsteps_003
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects mtc incompatibility of invoked altsteps
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160201_invoking_altsteps_004
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects system incompatibility of invoked altsteps
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_160201_invoking_altsteps_005
<b>Reference</b>	ES 201 873-1 [1], Clause 16.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT detects incompatibility between altstep system clause and test case runs on clause
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.13 The activate operation

<b>Test Purpose Id</b>	TP_Sem_200502_the_activate_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that timers declared in the control part can be passed to activated altstep as parameters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_200502_the_activate_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify that timers declared in the control part can be passed to activated altstep as parameters
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200502_the_activate_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify an error is generated when using a local timer in an activate call invoked from the control part
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_200502_the_activate_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 20.5.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	verify an error is generated when using a local timer in an activate call invoked from the control part
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.14 The connect and map operations

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_011
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Using connect operation between an already connected ports has no effect
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210101_connect_and_map_operations_012
<b>Reference</b>	ES 201 873-1 [1], Clause 21.1.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Using map operation between an already mapped ports has no effect
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.3.15 The alive operation

<b>Test Purpose Id</b>	TP_NegSyn_210305_alive_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in component.alive operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210305_alive_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any component.alive operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210305_alive_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in all component.alive operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210305_alive_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in function instance.alive operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive returns false if no component is alive
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive returns true if at least one component is inactive
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive returns true if at least one component is running
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive doesn't assign index when no component is alive
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_009
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_010
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive can be used inside expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_011
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_012
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive doesn't change index variable when no component is alive
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_013
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from alive index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210305_alive_operation_014
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from alive index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210305_alive_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from alive is applied to single component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210305_alive_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from alive is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210305_alive_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from alive is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210305_alive_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210305_alive_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from alive index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.16 The running operation

<b>Test Purpose Id</b>	TP_NegSyn_210306_running_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in component.running operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210306_running_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any component.running operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210306_running_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in all component.running operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210306_running_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in function instance.running operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running returns false if no component is running
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running returns true if at least one component is running
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running doesn't assign index when no component is running
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running doesn't change index variable when no component is running
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running can be used inside expressions
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_009
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_010
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from running index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_011
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from running index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_012
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that all component.running produces true if some components haven't been started
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210306_running_operation_013
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Check that running operator provides information about test components.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_012
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Check that done operator matches after starting ptc.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210306_running_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from running is applied to single component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210306_running_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from running is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210306_running_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from running is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210306_running_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210306_running_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from running index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.17 The done operation

<b>Test Purpose Id</b>	TP_NegSyn_210307_done_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in component.done operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210307_done_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any component.done operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210307_done_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in all component.done operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210307_done_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in function instance.done operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done is not triggered if no component has been started
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done matches if at least one component is stopped or killed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done doesn't assign index when no component has been stopped or killed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done doesn't change index variable when no component has been stopped or killed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done is not triggered if all components are executing function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_009
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from done index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_010
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from done index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210307_done_operation_011
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that all component.done produces true if some components haven't been started
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210307_done_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from done is applied to single component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210307_done_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from done is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210307_done_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from done is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210307_done_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210307_done_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.7
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from done index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.18 The killed operation

<b>Test Purpose Id</b>	TP_NegSyn_210308_killed_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in component.killed operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210308_killed_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any component.killed operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210308_killed_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in all component.killed operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_210308_killed_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in function instance.killed operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed is not triggered if no component has been started
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed matches if at least one component is stopped or killed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed doesn't assign index when no component has been killed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed doesn't change index variable when no component has been killed
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_009
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed is not triggered if all components are executing function
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_010
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_011
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from killed index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_012
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from killed index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_210308_killed_operation_013
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed is not triggered if when alive component has stopped execution
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210308_killed_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from killed is applied to single component
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210308_killed_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from killed is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210308_killed_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from killed is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210308_killed_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_210308_killed_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 21.3.8
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from killed index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.19 The getcall operation

<b>Test Purpose Id</b>	TP_NegSyn_220302_getcall_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in port.getcall operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_220302_getcall_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any port.getcall operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall is not triggered if there hasn't been any call
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall matches if at least one port contains enqueued call
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall doesn't assign index when there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_009
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall doesn't change index variable when no there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_010
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_011
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_012
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from getcall index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220302_getcall_operation_013
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from getcall index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_getcall_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from getcall is applied to single port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_getcall_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from getcall is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_getcall_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from getcall is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_getcall_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220302_getcall_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.2
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getcall index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.20 The getreply operation

<b>Test Purpose Id</b>	TP_NegSyn_220304_getreply_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in port.getreply operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_220304_getreply_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any port.getreply operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply is not triggered if there hasn't been any reply
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply matches if at least one port contains enqueued reply
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply doesn't assign index when there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply doesn't change index variable when no there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from getreply index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220304_getreply_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from getreply index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220304_getreply_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from getreply is applied to single port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220304_getreply_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from getreply is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220304_getreply_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from getreply is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220304_getreply_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220304_getreply_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from getreply index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.21 The catch operation

<b>Test Purpose Id</b>	TP_NegSyn_220306_catch_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in port.catch operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_220306_catch_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any port.catch operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_220306_catch_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from catch is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch is not triggered if there hasn't been any exception
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch matches if at least one port contains enqueued reply
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch doesn't assign index when there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch doesn't change index variable when no there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_006
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_007
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from catch index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_220306_catch_operation_008
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from catch index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220306_catch_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from catch is applied to single port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220306_catch_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from catch is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220306_catch_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from catch is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220306_catch_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_220306_catch_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.3.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from catch index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.22 The check operation

<b>Test Purpose Id</b>	TP_NegSyn_2204_the_check_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in port.check operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSyn_2204_the_check_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when using index redirection in any port.check operation
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_121
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check is not triggered if there hasn't been any message
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_122
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check matches if at least one port contains enqueued data
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_123
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check doesn't assign index when there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_124
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check doesn't change index variable when no there's no suitable match
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_125
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check assigns index
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_126
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check index redirection works for multidimensional arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_127
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from check index redirection to lazy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_2204_the_check_operation_128
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify any from check index redirection to fuzzy variable
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2204_the_check_operation_001
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from check is applied to single port
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2204_the_check_operation_002
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from check is applied to 1D array and index target is array
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2204_the_check_operation_003
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that error occurs when any from check is applied to 1D array and index target has wrong type
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2204_the_check_operation_004
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check index redirection for multi-D arrays requires arrays of correct size
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_NegSem_2204_the_check_operation_005
<b>Reference</b>	ES 201 873-1 [1], Clause 22.4
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that any from check index redirection for multi-D arrays requires arrays
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

### A.3.23 The running timer operation

<b>Test Purpose Id</b>	TP_Sem_2305_timer_running_005
<b>Reference</b>	ES 201 873-1 [1], Clause 23.5
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that correct number of timers from a timer array is still running
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.3.24 The timeout operation

<b>Test Purpose Id</b>	TP_Sem_2306_timer_timeout_008
<b>Reference</b>	ES 201 873-1 [1], Clause 23.6
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that timeout of a timer from a timer array works correctly
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.3.25 Module control

<b>Test Purpose Id</b>	TP_Syn_26_ModuleControl_014
<b>Reference</b>	ES 201 873-1 [1], Clause 26
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that activate/deactivate/default constructs in the control part are accepted.
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool without execution.
<b>Notes</b>	

### A.3.26 Value list

<b>Test Purpose Id</b>	TP_NegSyn_B010201_value_list_001
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of listed multiple values
<b>Expected Output</b>	The TTCN-3 module shall be rejected by the validator or after/during execution.
<b>Notes</b>	

<b>Test Purpose Id</b>	TP_Sem_B010201_value_list_002
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.2.1
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching with all from clause
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.3.27 Permutation

<b>Test Purpose Id</b>	TP_Sem_B010303_permutation_009
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.3.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Verify that it is possible to use permutations to match arrays
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

### A.3.28 Match expression n times

<b>Test Purpose Id</b>	TP_Sem_B010503_match_n_times_006
<b>Reference</b>	ES 201 873-1 [1], Clause B.1.5.3
<b>ICS</b>	None
<b>Dependencies</b>	None
<b>Summary</b>	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
<b>Expected Output</b>	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict <b>pass</b> after execution.
<b>Notes</b>	

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## History

<b>Document history</b>		
V1.1.1	April 2011	Publication
V1.2.1	April 2012	Publication
V1.3.1	October 2013	Publication
V1.4.1	August 2014	Publication