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Technical Specification

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

ReferenceRTS/MTS-132-2ed121-T3Conf_TP

Keywordstesting, TSS&TP, TTCN

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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)".

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.

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 (V4.3.1): "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 (1994): "Information Technology -- Open Systems Interconnection -- Conformance testing methodology and framework -- Part 1: General concepts".
- [3] ISO/IEC 9646-7 (1995): "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".

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	Testing and Test Control Notation
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 [1], containing:

- a) positive syntactical tests (table 1);
- b) positive semantical tests (table 1);
- c) negative syntactical tests (table 2); and
- d) negative semantical tests (table 2).

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

Table 1: Test suite structure, positive tests

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
	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_005
	5.4.1.1 Formal parameters of kind value	Sem_05040101_parameters_of_kind_value_001
	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	
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_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
6.1.2.1 Lists of values	Sem_06010201_ListOfValues_001
6.1.2.2 Lists of types	Sem_06010202_ListOfTypes_001
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_StringLengthRestrict_001
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	Syn_0602_TopLevel_001
	Syn_0602_TopLevel_002
	Syn_0602_TopLevel_003
	Syn_0602_TopLevel_004
	Syn_0602_TopLevel_005
6.2.1 Record type and values	Syn_060201_RecordTypeValues_001
	Syn_060201_RecordTypeValues_002
6.2.9 Communication port types	Sem_060209_CommunicationPortTypes_001
	Sem_060209_CommunicationPortTypes_002
	Sem_060209_CommunicationPortTypes_003
	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	
6.2.12 Addressing entities inside the SUT	Sem_060212_AddressingEntitiesInsideSut_001
	Sem_060212_AddressingEntitiesInsideSut_002
6.3.1 Type compatibility of non-structured types	Sem_060301_non_structured_types_001
	Sem_060301_non_structured_types_002
6.3.2 Type compatibility of structured types	Sem_060302_structured_types_001
	Sem_060302_structured_types_003
	Sem_060302_structured_types_004

		Sem_060302_structured_types_005	
	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_001	
		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	
		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		
		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
		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
	7.1.4 Logical operators	Sem_070104_LogicalOperators_001
		Sem_070104_LogicalOperators_002
	7.1.5 Bitwise operators	Sem_070105_BitwiseOperators_001
		Sem_070105_BitwiseOperators_002
	7.1.6 Shift operators	Sem_070106_ShiftOperators_001
		Sem_070106_ShiftOperators_002
		Sem_070106_ShiftOperators_003
		Sem_070106_ShiftOperators_004
	7.1.7 Rotate operators	Sem_070107_RotateOperators_001
		Sem_070107_RotateOperators_002
		Sem_070107_RotateOperators_003
		Sem_070107_RotateOperators_004
	7.2 Field references and list elements	Sem_0702_FieldReferencesAndListElements_001
		Sem_0702_FieldReferencesAndListElements_002
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
	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	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
	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
	8.2.4 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
10 Declaring constants	Top level	Sem_10_Constants_001
		Sem_10_Constants_002
		Syn_10_Constants_001
		Syn_10_Constants_002
		Syn_10_Constants_003
		Syn_10_Constants_004
11 Declaring variables	11.1 Value variables	Sem_1101_ValueVars_001
		Sem_1101_ValueVars_002
		Sem_1101_ValueVars_003
		Syn_1101_ValueVars_001
	11.2 Template variables	Sem_1102_TemplateVars_001
		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

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
	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
	15.3 Global and local templates	Syn_1502_DeclaringSignatureTemplates_004
		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
	Syn_1503_GlobalAndLocalTemplates_006	
	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
	Syn_1505_ModifiedTemplates_004	
	15.6.2 Referencing record and set fields	Sem_150602_ReferencingRecordAndSetFields_001
		Sem_150602_ReferencingRecordAndSetFields_002
		Sem_150602_ReferencingRecordAndSetFields_003
		Sem_150602_ReferencingRecordAndSetFields_004
	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
	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
		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
	15.10 Valueof operation	Sem_1510_ValueOfOperation_001
	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
16 Functions, altsteps and testcases	16.1 Functions	Sem_1601_toplevel_001
		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
	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
	16.3 Test cases	Syn_1603_testcases_001
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				
	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			
			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		
	21 Configuration operations		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		
				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_004
		Sem_220301_CallOperation_005
		Sem_220301_CallOperation_006
	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
	22.3.3 The reply operation	Sem_220303_ReplyOperation_001
		Sem_220303_ReplyOperation_002
23 Timer operations	Top level	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
	23.3 The stop timer operation	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
	23.5 The running timer operation	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
	23.6 The timeout operation	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
	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_014
		Syn_26_ModuleControl_015
		Syn_26_ModuleControl_016
		Syn_26_ModuleControl_017
	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
		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
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
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.1.3.1 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
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.1.5.1 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
B.1.5.2 Reference expression	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

	B.1.5.4 Match a referenced character set	Sem_B010503_match_n_times_004
		Sem_B010503_match_n_times_005
		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		

Table 2: Test suite structure, negative tests

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	
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
	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
	6.1.2.4 String length restrictions	NegSem_06010204_StringLenghtRestrict_001
		NegSem_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	NegSyn_0602_TopLevel_001	
	NegSyn_0602_TopLevel_002	
	NegSyn_0602_TopLevel_003	
	NegSyn_0602_TopLevel_004	
	NegSyn_0602_TopLevel_005	
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	
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_009	

		NegSem_060302_structured_types_010
		NegSem_060302_structured_types_011
	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
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
	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
	8.2.3.6 Import definitions from other TTCN-3 editions and from non-TTCN-3 modules	NegSem_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001
	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_ImportingOfImportStatementsFromT3Modules_001
	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	
10 Declaring constants	Top level	NegSem_10_Constants_001
11 Declaring variables	11.1 Value variables	NegSem_1101_ValueVars_001
		NegSyn_1101_ValueVars_001
	11.2 Template variables	NegSem_1102_TemplateVars_001
		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
15 Declaring templates	Top level	NegSem_15_TopLevel_001
	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_001		

	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
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
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
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
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
	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_011
		NegSem_160102_predefined_functions_014
		NegSem_160102_predefined_functions_015
		NegSem_160102_predefined_functions_016
		NegSem_160102_predefined_functions_017
		NegSem_160102_predefined_functions_018
		NegSem_160102_predefined_functions_019
		NegSem_160102_predefined_functions_020
		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
	NegSem_160102_predefined_functions_029	
	NegSem_160102_predefined_functions_030	
	NegSem_160102_predefined_functions_031	
	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
21 Configuration operations	21.3.1 The create operation	NegSem_210301_CreateOperation_001
		NegSem_210301_CreateOperation_002
		NegSem_210301_CreateOperation_003
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_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	
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
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_001 NegSem_2707_OptionalAttributes_002 NegSem_2707_OptionalAttributes_003
B Matching incoming values	B.1.2.4 Any value or none	NegSem_B010204_any_value_or_none_001 NegSem_B010204_any_value_or_none_002

	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
	B.1.2.7 SubSet	NegSem_B010207_subset_001
		NegSem_B010207_subset_002
	B.1.3.3 Permutation	NegSem_B010303_permutation_001
	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

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.

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

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());
}
}

```

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

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

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

A.2.2 Identifiers and keywords

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

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

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

A.2.3 Scope rules

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

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

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

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

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

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

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

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

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

A.2.4 Scope of formal parameters

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

A.2.5 Uniqueness of identifiers

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.6 Ordering of language elements

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

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

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

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

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

A.2.7 Parameterization

Test Purpose Id	TP_NegSyn_0504_forbidden_parameterization_001
Reference	ES 201 873-1 [1], clause 5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects forbidden module parameterization types
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSyn_0504_forbidden_parameterization_002
Reference	ES 201 873-1 [1], clause 5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT rejects forbidden module parameterization types
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_0504_parameterization_incompatibility_001
Reference	ES 201 873-1 [1], clause 5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles received testcase parameterization type incompatibility
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.8 Formal parameters of kind value

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

A.2.9 Formal parameters of kind template

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

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

A.2.10 Formal parameters of kind timer

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

A.2.11 Formal parameters of kind port

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

A.2.12 Actual parameters

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

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

A.2.13 Cyclic definitions

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

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

A.2.14 Simple basic types and values

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.15 Basic string types and values

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.16 Accessing individual string elements

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

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

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

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

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

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

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

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

A.2.17 Lists of values

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

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

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

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

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

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

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

A.2.18 Lists of types

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

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

A.2.19 Ranges

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.20 String length restrictions

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

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

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

A.2.21 Pattern subtyping of character string types

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

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

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

A.2.22 Mixing patterns, lists and ranges

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

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

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

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

A.2.23 Using length restriction with other constraints

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

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

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

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

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

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

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

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

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

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

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

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

A.2.24 Structured types and values

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

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

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

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

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

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

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

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

Test Purpose Id	TP_NegSyn_0602_TopLevel_004
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	The omit keyword shall not be used for mandatory fields.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_0602_TopLevel_005
Reference	ES 201 873-1 [1], clause 6.2
ICS	None
Dependencies	None
Summary	The omit keyword shall not be used for mandatory fields
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.25 Record type and values

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

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

A.2.26 Communication port types

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

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

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_003
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that message-based ports are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_060209_CommunicationPortTypes_004
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that a address is allowed inside port definition
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

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

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

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

Test Purpose Id	TP_Sem_060209_CommunicationPortTypes_001
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that map param statements are allowed in testcase block
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_060209_CommunicationPortTypes_002
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that unmap param statements are allowed in testcase block
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_060209_CommunicationPortTypes_003
Reference	ES 201 873-1 [1], clause 6.2.9
ICS	None
Dependencies	None
Summary	Ensure that map and unmap param and local port address are allowed in a testcase block
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

A.2.27 Addressing entities inside the SUT

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

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

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

A.2.28 Type compatibility of non-structured types

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.29 Type compatibility of structured types

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.30 Type compatibility of enumerated types

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

A.2.31 Type compatibility of component types

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

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

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

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

A.2.32 Arithmetic operators

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.33 List operator

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

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

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

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

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

A.2.34 Relational operators

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.35 Logical operators

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

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

A.2.36 Bitwise operators

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

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

A.2.37 Shift operators

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

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

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

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

A.2.38 Rotate operators

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

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

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

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

A.2.39 Field references and list elements

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

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

A.2.40 Definition of a module

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

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

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

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

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

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

A.2.41 Module definitions part

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

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

A.2.42 Module parameters

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

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

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

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

A.2.43 Groups of definitions

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

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

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

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

A.2.44 General format of import

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

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

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

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

A.2.45 Importing single definitions

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

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

A.2.46 Importing groups

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

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

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

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

A.2.47 Importing definitions of the same kind

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

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

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

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

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

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

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

A.2.48 Importing all definitions of a module

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

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

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

A.2.49 Import definitions from other TTCN-3 editions and from non-TTCN-3 modules

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

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

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

Test Purpose Id	TP_NegSem_08020306_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules_001
Reference	ES 201 873-1 [1], clause 8.2.3.6
ICS	None
Dependencies	None
Summary	Ensure that it is not possible to import from later language versions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.50 Importing of import statements from TTCN-3 modules

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

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

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

A.2.51 Compatibility of language specifications of imports

Test Purpose Id	TP_NegSem_08020308_ImportingOfImportStatementsFromT3Modules_001
Reference	ES 201 873-1 [1], clause 8.2.3.8
ICS	None
Dependencies	None
Summary	Ensure that imports referring to future TTCN-3 versions are rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.52 Definition of friend modules

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

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

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

A.2.53 Visibility of definitions

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

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

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

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

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

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

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

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

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

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

A.2.54 Module control part

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

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

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

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

Test Purpose Id	TP_Sem_0803_ModuleControlPart_001
Reference	ES 201 873-1 [1], clause 8.3
ICS	None
Dependencies	None
Summary	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
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

A.2.55 Declaring constants

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

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

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

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

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

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

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

A.2.56 Value variables

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

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

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

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

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

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

A.2.57 Template variables

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

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

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

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

A.2.58 Declaring timers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.59 Declaring messages

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A.2.60 Declaring templates

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

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

A.2.61 Declaring message templates

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

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

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

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

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

Test Purpose Id	TP_Syn_1501_DeclaringMessageTemplates_006
Reference	ES 201 873-1 [1], clause 15.1
ICS	None
Dependencies	None
Summary	Ensure that all port operations are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

A.2.62 Declaring signature templates

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_001
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that signature templates with explicit values are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_002
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that signature templates with wildcards are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_003
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that the basic operations call and getreply are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1502_DeclaringSignatureTemplates_004
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Ensure that the raise and catch operations are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_1502_DeclaringSignatureTemplates_001
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Test in-line templates for accepting procedure replies
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1502_DeclaringSignatureTemplates_002
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Test in-line templates for accepting procedure replies.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1502_DeclaringSignatureTemplates_003
Reference	ES 201 873-1 [1], clause 15.2
ICS	None
Dependencies	None
Summary	Test in-line templates for accepting procedure replies
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

A.2.63 Global and local templates

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_001
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a global parameterized template is accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_004
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in the control part is accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_005
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in a function is accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1503_GlobalAndLocalTemplates_006
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in an altstep is accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_001
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a template values can be accessed with the dot notation as expected
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_002
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a template actual parameter is passed through correctly
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_003
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a send operation with actual parameters of a global parameterized template is accepted
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_004
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a parameterized local template in a test case is accepted
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_005
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being a template parameter
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1503_GlobalAndLocalTemplates_006
Reference	ES 201 873-1 [1], clause 15.3
ICS	None
Dependencies	None
Summary	Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being an inline template
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

A.2.64 In-line templates

Test Purpose Id	TP_Syn_1504_InlineTemplates_001
Reference	ES 201 873-1 [1], clause 15.4
ICS	None
Dependencies	None
Summary	Ensure that inline templates are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1504_InlineTemplates_002
Reference	ES 201 873-1 [1], clause 15.4
ICS	None
Dependencies	None
Summary	Ensure that modified parameterized inline templates are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1504_InlineTemplates_003
Reference	ES 201 873-1 [1], clause 15.4
ICS	None
Dependencies	None
Summary	Ensure that modified plain inline templates are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

A.2.65 Modified templates

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_001
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that plain modified template definitions are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_002
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not omit possible parameters introduced in any modification step
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_003
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the default values in formal parameters of modified templates are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1505_ModifiedTemplates_004
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that dash as default parameter values are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_001
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the values of plain modified template definitions are as expected
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_002
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template of a record of type using index notation access works as expected
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_003
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that default values in formal parameters of modified templates are working as expected
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1505_ModifiedTemplates_004
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	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
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_001
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not refer to itself
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_002
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not omit possible parameters of the base template
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_003
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that a modified template does not omit possible parameters introduced in any modification step
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_004
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that parameter names in modified templates are the same
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_005
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the dash in default parameter values of a modified templates is only accepted when the base template actually has a default value
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_006
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the same parameter name is used when modifying the base template
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1505_ModifiedTemplates_007
Reference	ES 201 873-1 [1], clause 15.5
ICS	None
Dependencies	None
Summary	Ensure that the same parameter type is used when modifying the base template
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.66 Referencing individual string elements

Test Purpose Id	TP_NegSem_150601_ReferencingIndividualStringElements_001
Reference	ES 201 873-1 [1], clause 15.6.1
ICS	None
Dependencies	None
Summary	Ensure that the referencing of individual string elements inside templates or template fields is forbidden
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.67 Referencing record and set fields

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_001
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	? shall be returned for mandatory subfields and * shall be returned for optional subfields
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_002
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that the recursive anyvalue expansion is performed correctly when new values are assigned
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_003
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	? shall be returned for mandatory subfields and * shall be returned for optional subfields
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_150602_ReferencingRecordAndSetFields_004
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	? shall be returned for mandatory subfields and * shall be returned for optional subfields
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_001
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that fields with omit values on the right-hand side of an assignment are rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_002
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that fields with * values on the right-hand side of an assignment are rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_003
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that value lists on the right-hand side of an assignment are not accepted
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_004
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that complement lists on the right-hand side of an assignment are not accepted
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150602_ReferencingRecordAndSetFields_005
Reference	ES 201 873-1 [1], clause 15.6.2
ICS	None
Dependencies	None
Summary	Ensure that referencing a template field with the ifpresent attribute causes a rejection
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.68 Referencing record of and set of elements

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_001
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment of an anyvalue on the right hand side yields an anyvalue in the context of record of
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_002
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment to a anyvalue in the context of record of is handled correctly
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_003
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment to a anyvalue in the context of record of is handled correctly in two subsequent assignments
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_004
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that assignment to a anyvalue in the context of record of is handled correctly when the first element is changed
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_150603_ReferencingRecordOfAndSetElements_005
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access outside permutation fields is allowed and works as expected
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_001
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that referencing an element within a value list causes an error in the context of record of
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_002
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access to uninitialized fields in the context of record of is rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_003
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that anyvalueornone fields in the context of record of is rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_004
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that complement value lists in the context of record of are rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_005
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that subset in the context of record of are rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_006
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that superset in the context of record of are rejected
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_007
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access into permutation in record of templates is forbidden
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_008
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access to record of indexes is forbidden when a previous index entry is a permutation with a *
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_150603_ReferencingRecordOfAndSetElements_009
Reference	ES 201 873-1 [1], clause 15.6.3
ICS	None
Dependencies	None
Summary	Ensure that access to ifpresent fields is not allowed
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

A.2.69 Template restrictions

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_001
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is accepted with value omitvalue
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_002
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is accepted with a concrete value
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_003
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is accepted with a concrete value
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Syn_1508_TemplateRestrictions_004
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(present) is accepted with a concrete value
Expected Output	The TTCN-3 module shall be accepted by the tool without execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_001
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template(omit) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_002
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) can be assigned to a template(omit) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_003
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a templat(value) can be assigned to a template(omit) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_004
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template(value) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_005
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(value) can be assigned to a template(value) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_006
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template(present) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_007
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) can be assigned to a template(present) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_008
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(value) can be assigned to a template(present) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_009
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(present) can be assigned to a template(present) variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_010
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a value can be assigned to a template variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_011
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(omit) can be assigned to a template variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_012
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(value) can be assigned to a template variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_013
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template(present) can be assigned to a template variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_014
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a template can be assigned to a template variable
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_Sem_1508_TemplateRestrictions_015
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that a base template can be modified without restrictions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_001
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyvalue(?)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_002
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with setof template
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_003
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyvalueornone(*)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_004
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with value ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_005
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with supersets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_006
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with subsets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_007
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with patterns.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_008
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyelement inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_009
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with anyelemenornone inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_010
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with permutation inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_011
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_012
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_013
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(omit) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_014
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with anyvalue(?).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_015
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with valuelist.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_016
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with anyvalueornone(*).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_017
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with value ranges.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_018
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with supersets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_019
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with supersets.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_020
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with patterns.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_021
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with anyelement inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_022
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with permutation inside values.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_023
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_024
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) is rejected with length restrictions.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_025
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(present) refuses omitvalue as a whole.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1508_TemplateRestrictions_026
Reference	ES 201 873-1 [1], clause 15.8
ICS	None
Dependencies	None
Summary	Ensure that template(value) refuses omit as a whole.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.70 Match operation

Test Purpose Id	TP_Sem_1509_MatchOperation_001
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works as expected on a template with range restriction when the tested value is inside the range.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_002
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works as expected on a template with range restriction when the tested value is outside the range.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_003
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works correctly on records in the positive case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_004
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works correctly on records in the negative case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1509_MatchOperation_005
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation works correctly if the types are incompatible.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1509_MatchOperation_001
Reference	ES 201 873-1 [1], clause 15.9
ICS	None
Dependencies	None
Summary	Ensure that the match operation refuses two templates as actual parameters.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.71 Valueof operation

Test Purpose Id	TP_Sem_1510_ValueOfOperation_001
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof operation works as expected for fully initialized templates.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_001
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on omit.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_002
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on templates with wildcards.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_003
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on regular value templates.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1510_ValueOfOperation_004
Reference	ES 201 873-1 [1], clause 15.10
ICS	None
Dependencies	None
Summary	Ensure that the valueof function works correctly on range templates.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.72 Concatenating templates of string and list types

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_001
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of charstring types works as expected (variant 1).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_002
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (variant 2).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_003
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of bitstring types works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_004
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (variant 1).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_005
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (variant 2).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_006
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that a concatenation of charstrings with a fixed length AnyValueOrNone be matched.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_007
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenations of record of charstrings are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_008
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenations of record of charstrings work when parameterized.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_009
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenations of set of integers are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_010
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that the inline template definitions are correctly concatenated.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1511_ConcatenatingTemplatesOfStringAndListTypes_011
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types works as expected (matching patterns in quotation).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_001
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of octetstring types yields an even number of digits.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_002
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that concatenation of strings types yields an error if specified ranges are not fixed length.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_003
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that a simple concatenation of non-wildcard octetstring must not yield in a non-even number of hexadecimals.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_004
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that the inline template definitions are correctly concatenated.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1511_ConcatenatingTemplatesOfStringAndListTypes_005
Reference	ES 201 873-1 [1], clause 15.11
ICS	None
Dependencies	None
Summary	Ensure that the inline template definitions are correctly concatenated.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.73 Functions

Test Purpose Id	TP_Sem_1601_toplevel_001
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1601_toplevel_003
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_001
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_002
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_003
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_004
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1601_toplevel_005
Reference	ES 201 873-1 [1], clause 16.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.74 Invoking functions

Test Purpose Id	TP_Sem_160101_invoking_functions_001
Reference	ES 201 873-1 [1], clause 16.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles function invocations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.75 Predefined functions

Test Purpose Id	TP_Sem_160102_predefined_functions_001
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_002
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_003
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_004
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_005
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_006
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_007
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_008
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_009
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_010
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_011
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160102_predefined_functions_012
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_001
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_002
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_003
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_004
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_005
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_006
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_007
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_008
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_009
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_010
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_011
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_014
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_015
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_016
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_017
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_018
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_019
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_020
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C.33)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_021
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_022
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_023
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_024
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_025
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_026
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_027
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_028
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_029
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_030
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160102_predefined_functions_031
Reference	ES 201 873-1 [1], clause 16.1.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C)
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.76 External functions

Test Purpose Id	TP_Sem_160103_external_functions_001
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes external functions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160103_external_functions_002
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes external functions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_160103_external_functions_001
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes external functions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160103_external_functions_002
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Port parameters cannot be passed to external functions as inout parameters
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160103_external_functions_003
Reference	ES 201 873-1 [1], clause 16.1.3
ICS	None
Dependencies	None
Summary	Timer parameters cannot be passed to external functions as inout parameters
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.77 Invoking function from specific places

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_001
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	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
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_002
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	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
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_003
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	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
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_160104_invoking_functions_from_specific_places_004
Reference	ES 201 873-1 [1], clause 16.1.4
ICS	None
Dependencies	None
Summary	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
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.78 Altsteps

Test Purpose Id	TP_NegSyn_1602_toplevel_001
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1602_toplevel_001
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_001
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_002
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_003
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_004
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_005
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1602_toplevel_006
Reference	ES 201 873-1 [1], clause 16.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.79 Invoking altsteps

Test Purpose Id	TP_Sem_160201_invoking_altsteps_001
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_160201_invoking_altsteps_002
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_160201_invoking_altsteps_001
Reference	ES 201 873-1 [1], clause 16.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT recognizes altstep definitions and correctly evaluates them
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.80 Test cases

Test Purpose Id	TP_Syn_1603_testcases_001
Reference	ES 201 873-1 [1], clause 16.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates invocation of testcases with system clause
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1603_testcases_001
Reference	ES 201 873-1 [1], clause 16.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates invocation of testcases
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1603_testcases_002
Reference	ES 201 873-1 [1], clause 16.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates invocation of testcases
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.81 Assignments

Test Purpose Id	TP_NegSyn_1901_assignments_001
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1901_assignments_001
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1901_assignments_001
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1901_assignments_002
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1901_assignments_003
Reference	ES 201 873-1 [1], clause 19.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates assignment statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.82 The if-else statement

Test Purpose Id	TP_NegSyn_1902_if_else_statement_001
Reference	ES 201 873-1 [1], clause 19.2
ICS	None
Dependencies	None
Summary	If statement requires curly brackets for the body
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_1902_if_else_statement_001
Reference	ES 201 873-1 [1], clause 19.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates if-else statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1902_if_else_statement_002
Reference	ES 201 873-1 [1], clause 19.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates if-else statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.83 The select case statement

Test Purpose Id	TP_Sem_1903_select_case_statement_001
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1903_select_case_statement_002
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1903_select_case_statement_003
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1903_select_case_statement_004
Reference	ES 201 873-1 [1], clause 19.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates select-case statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.84 The for statement

Test Purpose Id	TP_Sem_1904_for_statement_001
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1904_for_statement_002
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1904_for_statement_003
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1904_for_statement_001
Reference	ES 201 873-1 [1], clause 19.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates for statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.85 The while statement

Test Purpose Id	TP_Sem_1905_while_statement_001
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1905_while_statement_002
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1905_while_statement_003
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1905_while_statement_001
Reference	ES 201 873-1 [1], clause 19.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates while statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.86 The do-while statement

Test Purpose Id	TP_Sem_1906_do_while_statement_001
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1906_do_while_statement_002
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1906_do_while_statement_003
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1906_do_while_statement_001
Reference	ES 201 873-1 [1], clause 19.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates do-while statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.87 The label statement

Test Purpose Id	TP_Syn_1907_label_statement_001
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label syntax.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_1907_label_statement_001
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_1907_label_statement_002
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label syntax.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1907_label_statement_001
Reference	ES 201 873-1 [1], clause 19.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles label naming uniqueness.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.88 The goto statement

Test Purpose Id	TP_Sem_1908_goto_statement_001
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1908_goto_statement_002
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1908_goto_statement_003
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1908_goto_statement_001
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1908_goto_statement_002
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_1908_goto_statement_003
Reference	ES 201 873-1 [1], clause 19.8
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles goto statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.89 The stop execution statement

Test Purpose Id	TP_Sem_1909_stop_statement_001
Reference	ES 201 873-1 [1], clause 19.9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles stop statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1909_stop_statement_002
Reference	ES 201 873-1 [1], clause 19.9
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles stop statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.90 The return statement

Test Purpose Id	TP_Sem_1910_return_statement_001
Reference	ES 201 873-1 [1], clause 19.10
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles return statements.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1910_return_statement_001
Reference	ES 201 873-1 [1], clause 19.10
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles return statements.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.91 The log statement

Test Purpose Id	TP_Sem_1911_log_statement_001
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_002
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_003
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_004
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_1911_log_statement_005
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_1911_log_statement_001
Reference	ES 201 873-1 [1], clause 19.11
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates log statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.92 The continue statement

Test Purpose Id	TP_Sem_1913_continue_statement_001
Reference	ES 201 873-1 [1], clause 19.13
ICS	None
Dependencies	None
Summary	Ensure that the IUT properly evaluates continue statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.93 Statement and operations for alternative behaviours

Test Purpose Id	TP_Syn_20_TopLevel_001
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that alt-statements are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_002
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that repeat in an alt-statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_003
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that the interleave-statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_004
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that defaults and the activate statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_20_TopLevel_005
Reference	ES 201 873-1 [1], clause 20
ICS	None
Dependencies	None
Summary	Ensure that defaults and the activate statement is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.94 The alt statement

Test Purpose Id	TP_Sem_2002_TheAltStatement_001
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the alt-statement works as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_002
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the alt-statement with a guard works as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_003
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the alt-statement processes the alternatives in order (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_004
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that activated defaults are processed in the reverse order (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_005
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the else branch is executed when nothing else matched (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_006
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that an altstep invocation works as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_007
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that an altstep invocation works as expected and that the optional statement block is executed after the altstep statement block (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_008
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the done-block in an alt-statement is triggered as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_009
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the killed-block in an alt-statement is triggered as expected when the component is killed (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_010
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the timeout branch is taken as expected (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2002_TheAltStatement_011
Reference	ES 201 873-1 [1], clause 20.2
ICS	None
Dependencies	None
Summary	Ensure that the behaviour continues after the alt-statement (loopback case).
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.95 The repeat statement

Test Purpose Id	TP_Sem_2003_the_repeat_statement_001
Reference	ES 201 873-1 [1], clause 20.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly processes repeat statements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_2003_the_repeat_statement_001
Reference	ES 201 873-1 [1], clause 20.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly processes repeat statements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.96 The interleave statement

Test Purpose Id	TP_Syn_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2004_InterleaveStatement_002
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2004_InterleaveStatement_002
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_2004_InterleaveStatement_001
Reference	ES 201 873-1 [1], clause 20.4
ICS	None
Dependencies	None
Summary	Validate that interleave statements are properly handled.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.97 The create operation

Test Purpose Id	TP_Syn_210301_CreateOperation_001
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_001
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that unnamed components can be created
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_002
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components can be created
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_003
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that unnamed alive components on hosts can be created
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_210301_CreateOperation_004
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named alive components can be created
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_210301_CreateOperation_001
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210301_CreateOperation_002
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_210301_CreateOperation_003
Reference	ES 201 873-1 [1], clause 21.3.1
ICS	None
Dependencies	None
Summary	Ensure that named components on hosts are accepted
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.98 The send operation

Test Purpose Id	TP_Sem_220201_SendOperation_001
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220201_SendOperation_002
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220201_SendOperation_003
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220201_SendOperation_004
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_001
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_002
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_003
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220201_SendOperation_004
Reference	ES 201 873-1 [1], clause 22.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message sending operations
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.99 The receive operation

Test Purpose Id	TP_Sem_220202_ReceiveOperation_001
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_002
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_003
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_004
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220202_ReceiveOperation_005
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220202_ReceiveOperation_001
Reference	ES 201 873-1 [1], clause 22.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message receiving operations
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.100 The trigger operation

Test Purpose Id	TP_Sem_220203_TriggerOperation_001
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_002
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_003
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_004
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220203_TriggerOperation_005
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220203_TriggerOperation_001
Reference	ES 201 873-1 [1], clause 22.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles message trigger operations
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.101 The call operation

Test Purpose Id	TP_Sem_220301_CallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles procedure call operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles procedure call operations
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_003
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles non-blocking procedure call
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_004
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles multiple client calls to the same server
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_005
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles broadcast/multicast procedure call
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220301_CallOperation_006
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles broadcast/multicast procedure call
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220301_CallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles procedure call operations
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220301_CallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly procedure calls
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.102 The getcall operation

Test Purpose Id	TP_Sem_220302_GetcallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations remove only matching procedure from the queue
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations remove the matching procedure from the queue
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_003
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that the getcall operation can be correctly restricted to a certain client
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_004
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that the getcall operation can be correctly restricted to a certain client
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220302_GetcallOperation_005
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations work with any port attribute
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220302_GetcallOperation_001
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operations are only used on procedure based ports
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220302_GetcallOperation_002
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall operation does not allow value assignment
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_220302_GetcallOperation_003
Reference	ES 201 873-1 [1], clause 22.3.2
ICS	None
Dependencies	None
Summary	Ensure that getcall for any call does not allow param assignment
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.103 The reply operation

Test Purpose Id	TP_Sem_220303_ReplyOperation_001
Reference	ES 201 873-1 [1], clause 22.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles reply to multiple clients on the same server
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_220303_ReplyOperation_002
Reference	ES 201 873-1 [1], clause 22.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles reply to multiple clients on the same server
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_220303_ReplyOperation_001
Reference	ES 201 873-1 [1], clause 22.3.3
ICS	None
Dependencies	None
Summary	Ensure that reply operations are only used on procedure based ports
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.104 Timer operations

Test Purpose Id	TP_Syn_23_toplevel_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer allowed in module control, test case, function, altstep
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_23_toplevel_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer allowed in module control, test case, function, altstep
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_003
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_004
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_005
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_006
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_007
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_008
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_009
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_010
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_011
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_012
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2302_timer_start_013
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer start syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer runs from zero to stated value
Expected Output	The TTCN-3 module shall be accepted by the tool
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer can be restarted
Expected Output	The TTCN-3 module shall be accepted by the tool
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_003
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer default value can be modified by start value
Expected Output	The TTCN-3 module shall be accepted by the tool
Notes	

Test Purpose Id	TP_Sem_2302_timer_start_004
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer with value 0.0 expires immediately
Expected Output	The TTCN-3 module shall be accepted by the tool
Notes	

Test Purpose Id	TP_NegSyn_23_toplevel_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_23_toplevel_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure infinity is not allowed
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure not_a_number is not allowed
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_003
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure negative value is not allowed
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2302_timer_start_004
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure negative infinity is not allowed
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_23_toplevel_001
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_23_toplevel_002
Reference	ES 201 873-1 [1], clause 23
ICS	None
Dependencies	None
Summary	Ensure timer operations are not allowed outside of module control, test case, function, altstep
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.105 The stop timer operation

Test Purpose Id	TP_Syn_2303_timer_stop_006
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop syntax
Expected Output	The TTCN-3 module shall be accepted by the tool
Notes	

Test Purpose Id	TP_Syn_2303_timer_stop_007
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax
Expected Output	The TTCN-3 module shall be accepted by the tool
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_001
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_002
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_003
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_004
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_005
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2303_timer_stop_006
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure all timer stop syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2303_timer_stop_002
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer stop sets elapsed time to zero
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2303_timer_stop_003
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure timer all timer identifier
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2303_timer_stop_004
Reference	ES 201 873-1 [1], clause 23.3
ICS	None
Dependencies	None
Summary	Ensure can be stopped after timeout
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict none after execution.
Notes	

A.2.106 The running timer operation

Test Purpose Id	TP_Syn_2306_timer_timeout_001
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_001
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_002
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_003
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_004
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_005
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2305_timer_running_006
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running syntax: disallow all timer.running
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_001
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running any timer identifier works
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_002
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running operation works
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_003
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running operation works
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2305_timer_running_004
Reference	ES 201 873-1 [1], clause 23.5
ICS	None
Dependencies	None
Summary	Ensure timer running operation works
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.107 The timeout operation

Test Purpose Id	TP_NegSyn_2306_timer_timeout_001
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_002
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout can't be used in boolean expressions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_003
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_004
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_005
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_006
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSyn_2306_timer_timeout_007
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout syntax
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_001
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout operations: non-started timer does not timeout
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_002
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout operations: timed-out timer does not timeout until restarted
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_003
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout happen in order from the shortest to the longest
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_004
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure any timer.timeout operation
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_005
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure any timer.timeout operation for timeouts that are not in scope
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_006
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure any timer.timeout operation handles timeout of any timer in the component, not only visible from a function or altstep
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2306_timer_timeout_007
Reference	ES 201 873-1 [1], clause 23.6
ICS	None
Dependencies	None
Summary	Ensure timer timeout happen in order from the shortest to the longest
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.108 Test verdict operations

Test Purpose Id	TP_Syn_24_toplevel_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict and getverdict are allowed in functions
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_24_toplevel_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict and getverdict are allowed in test cases
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_24_toplevel_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict and getverdict are allowed in atsteps
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure received messages can't be matched with wrong template
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared by in-line templates
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_004
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared by global templates
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_005
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via template variables
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_006
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via inline template
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_007
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via parameter
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_008
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via template parameter
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_13_declaring_msg_009
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure instances of messages can be declared and passed via template parameter
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_logging_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure logging constraints
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_params_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_params_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2402_setverdict_params_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure logging constraints
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts parameters of verdicttype only
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts parameters of verdicttype only
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values of verdicttype only
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_004
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2402_setverdict_params_005
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict accepts values only as the parameter
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_001
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure getverdict is not allowed in constant initialization in control part
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_002
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure getverdict is not allowed in parameter initialization in control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_003
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure getverdict is not allowed in variable definition in control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_004
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict is not allowed in part within compound statement.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_24_toplevel_005
Reference	ES 201 873-1 [1], clause 24
ICS	None
Dependencies	None
Summary	Ensure setverdict is not allowed in control part at the top level.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.109 The verdict mechanism

Test Purpose Id	TP_Syn_2401_FiveValues_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure that there are five values of verdicttype
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: pass can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_002
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: inconc can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_003
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: fail can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_004
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: none can't overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_005
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: inconc can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_006
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: fail can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_007
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: none can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_008
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: pass can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_009
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: fail can overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_010
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: none can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_011
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: pass can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_GlobalVerdict_012
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for global verdict: inconc can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_InitiallyNone_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure that local verdicts initializes with none
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_001
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: pass can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_002
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: inconc can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_003
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: fail can overwrite none.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_004
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: none can't overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_005
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: inconc can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_006
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: fail can overwrite pass.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_007
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: none can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_008
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: pass can't overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_009
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: fail can overwrite inconc.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_010
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: none can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_011
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: pass can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2401_LocalVerdict_012
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure overwriting rules for local verdict: inconc can't overwrite fail.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_NegSem_2401_SetverdictError
Reference	ES 201 873-1 [1], clause 24.1
ICS	None
Dependencies	None
Summary	Ensure that setverdict can't set error verdict
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.110 The getverdict mechanism

Test Purpose Id	TP_Sem_2403_getverdict_001
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict none
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_002
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict inconc
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict inconc after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_003
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict pass
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_004
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict returns the actual verdict fail
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2403_getverdict_005
Reference	ES 201 873-1 [1], clause 24.3
ICS	None
Dependencies	None
Summary	Ensure getverdict none for uninitialized verdict
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.111 Module control

Test Purpose Id	TP_Syn_26_ModuleControl_001
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that assignments in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_002
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that if-else constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_003
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that select-case constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_004
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that for loop constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_005
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that while loop constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_006
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that label and goto constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_007
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the stop construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_008
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the break construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_009
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the continue construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_010
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the continue construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_011
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the alt/timeout construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_012
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the repeat construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_013
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the interleave construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_014
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that activate/deactivate/default constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_015
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that start/stop/read/running timer constructs in the control part are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_016
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the action construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_26_ModuleControl_017
Reference	ES 201 873-1 [1], clause 26
ICS	None
Dependencies	None
Summary	Ensure that the execute construct in the control part is accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.112 The execute statement

Test Purpose Id	TP_Sem_2601_ExecuteStatement_001
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that parameters are passed correctly into the test case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_002
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that multiple parameters of different types are passed correctly into the test case.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_003
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the timeout specified with the execute statement is respected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_004
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the verdict none works correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_005
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the verdict pass works correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_006
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the verdict inconc works correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_007
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the timeout specified with the execute statement is respected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_008
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that the user error sets the verdict error correctly.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_Sem_2601_ExecuteStatement_009
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that host id restriction is correctly handled.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict error after execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_001
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that non-float timeout parameters in the execute statement are rejected (in this case int).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_002
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that non-float timeout parameters in the execute statement are rejected (in this case charstring).
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_003
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that host id can be only charstring.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2601_ExecuteStatement_004
Reference	ES 201 873-1 [1], clause 26.1
ICS	None
Dependencies	None
Summary	Ensure that execution t
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.113 The control part

Test Purpose Id	TP_Sem_2602_TheControlPart_001
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the selection/deselection of test cases using boolean conditions works as expected.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2602_TheControlPart_002
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the execution of test cases works from within a function.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2602_TheControlPart_003
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the selection of test cases can be achieved based on resulting verdict types.
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict fail after execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_001
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that setverdict statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_002
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_003
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create alive component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_004
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the start statement is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_005
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the stop statement is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_006
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the kill statement is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_007
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the alive operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_008
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the running operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_009
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the done operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_010
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the killed operation is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_011
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the connect statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_012
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the disconnect statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_013
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the map statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_014
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the unmap statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_015
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the send statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_016
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the receive statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_017
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the call statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_018
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the reply statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_019
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the raise statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_020
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the trigger statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_021
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the getcall statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_022
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the getreply statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_023
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the catch statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_024
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the check statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_025
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the clear statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_026
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the start statements on ports are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_027
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the stop statements on ports are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_028
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the halt statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_029
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that alternative behaviours are only used to control timer behaviour in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_030
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that getverdict statements are not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_031
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that execute statements are not executed from test cases.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_032
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create alive named component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_033
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create named component is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_034
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that the create named component on host is not allowed in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2602_TheControlPart_035
Reference	ES 201 873-1 [1], clause 26.2
ICS	None
Dependencies	None
Summary	Ensure that alternative behaviours are only used to control timer behaviour in the control part.
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.114 Scope of attributes

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_001
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for language elements are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_002
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for language elements are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_003
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for individual fields are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Syn_270101_ScopeOfAttributes_004
Reference	ES 201 873-1 [1], clause 27.1.1
ICS	None
Dependencies	None
Summary	Ensure that attributes for individual fields are accepted.
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

A.2.115 Optional attributes

Test Purpose Id	TP_Syn_2707_OptionalAttributes_001
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool without execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_001
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_002
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_003
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_004
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_005
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_006
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_2707_OptionalAttributes_007
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_2707_OptionalAttributes_001
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2707_OptionalAttributes_002
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_2707_OptionalAttributes_003
Reference	ES 201 873-1 [1], clause 27.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles attribute definitions and their scoping rules
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.116 Matching specific values

Test Purpose Id	TP_Sem_B0101_matching_specific_value_001
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_002
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_003
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_004
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_005
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_006
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_007
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_008
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_009
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_010
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B0101_matching_specific_value_011
Reference	ES 201 873-1 [1], clause B.1.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of specific values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.117 Value list

Test Purpose Id	TP_Sem_B010201_value_list_001
Reference	ES 201 873-1 [1], clause B.1.2.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of listed multiple values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.118 Complemented value list

Test Purpose Id	TP_Sem_B010202_complemented_value_list_001
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_002
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_003
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_004
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_005
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010202_complemented_value_list_006
Reference	ES 201 873-1 [1], clause B.1.2.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of complemented value listing
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.119 Any value

Test Purpose Id	TP_Sem_B010203_any_value_001
Reference	ES 201 873-1 [1], clause B.1.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010203_any_value_002
Reference	ES 201 873-1 [1], clause B.1.2.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.120 Any value or none

Test Purpose Id	TP_Sem_B010204_any_value_or_none_001
Reference	ES 201 873-1 [1], clause B.1.2.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * values
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010204_any_value_or_none_001
Reference	ES 201 873-1 [1], clause B.1.2.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * values
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010204_any_value_or_none_002
Reference	ES 201 873-1 [1], clause B.1.2.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * values
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.121 Value range

Test Purpose Id	TP_Sem_B010205_value_range_001
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_002
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_003
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_004
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_005
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_006
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_007
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010205_value_range_008
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010205_value_range_001
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010205_value_range_002
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010205_value_range_003
Reference	ES 201 873-1 [1], clause B.1.2.5
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value range definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.122 SuperSet

Test Purpose Id	TP_Sem_B010206_superset_001
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010206_superset_002
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010206_superset_003
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010206_superset_001
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010206_superset_002
Reference	ES 201 873-1 [1], clause B.1.2.6
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.123SubSet

Test Purpose Id	TP_Sem_B010207_subset_001
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010207_subset_002
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010207_subset_003
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010207_subset_001
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010207_subset_002
Reference	ES 201 873-1 [1], clause B.1.2.7
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of superset definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.124Any element

Test Purpose Id	TP_Sem_B010301_any_element_001
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_002
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_003
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_004
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_005
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_006
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_007
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010301_any_element_008
Reference	ES 201 873-1 [1], clause B.1.3.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.125 Any number of elements of no element

Test Purpose Id	TP_Sem_B010302_any_number_of_elements_or_none_001
Reference	ES 201 873-1 [1], clause B.1.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010302_any_number_of_elements_or_none_002
Reference	ES 201 873-1 [1], clause B.1.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010302_any_number_of_elements_or_none_003
Reference	ES 201 873-1 [1], clause B.1.3.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of * symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.126 Permutation

Test Purpose Id	TP_Sem_B010303_permutation_001
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_002
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_003
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_004
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010303_permutation_005
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010303_permutation_001
Reference	ES 201 873-1 [1], clause B.1.3.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ? symbols in value elements
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.127 Length restrictions

Test Purpose Id	TP_Sem_B010401_length_restrictions_001
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010401_length_restrictions_002
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_001
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_002
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_003
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

Test Purpose Id	TP_NegSem_B010401_length_restrictions_004
Reference	ES 201 873-1 [1], clause B.1.4.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of value length definitions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.128 The ifpresent indicator

Test Purpose Id	TP_Sem_B010402_ifPresent_indicator_001
Reference	ES 201 873-1 [1], clause B.1.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ifpresent indicators
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010402_ifPresent_indicator_002
Reference	ES 201 873-1 [1], clause B.1.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ifpresent indicators
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010402_ifPresent_indicator_001
Reference	ES 201 873-1 [1], clause B.1.4.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of ifpresent indicators
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.129 Set expression

Test Purpose Id	TP_Sem_B010501_set_expression_001
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_002
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_003
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_004
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010501_set_expression_005
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010501_set_expression_001
Reference	ES 201 873-1 [1], clause B.1.5.1
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern set expressions
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

A.2.130 Reference expression

Test Purpose Id	TP_Sem_B010502_reference_expression_009
Reference	ES 201 873-1 [1], clause B.1.5.2
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference expressions
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.131 Match expression n times

Test Purpose Id	TP_Sem_B010503_match_n_times_001
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_002
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_003
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_004
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010503_match_n_times_005
Reference	ES 201 873-1 [1], clause B.1.5.3
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern expression multiplicity
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

A.2.132 Match a referenced character set

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_001
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_002
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_003
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_004
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_005
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_006
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_Sem_B010504_match_referenced_characters_007
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be accepted by the tool and all test cases have to produce the verdict pass after execution.
Notes	

Test Purpose Id	TP_NegSem_B010504_match_referenced_characters_001
Reference	ES 201 873-1 [1], clause B.1.5.4
ICS	None
Dependencies	None
Summary	Ensure that the IUT correctly handles template matching of character pattern reference characters
Expected Output	The TTCN-3 module shall be rejected by the validator or after/during execution.
Notes	

History

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