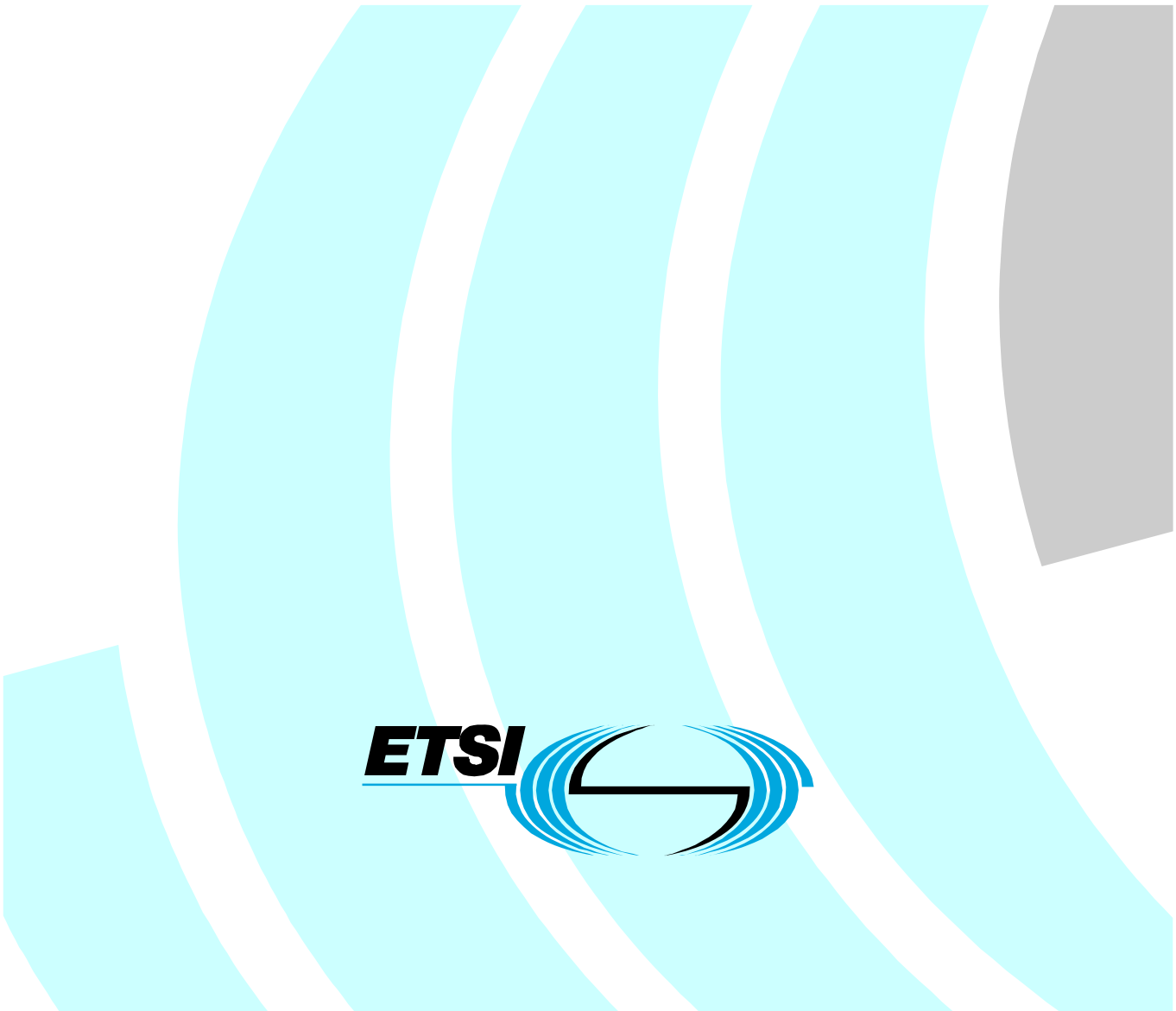
ETSI TS 188 005-3 V2.0.0 (2008-03)

Technical Specification

Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Network and Service Management; Network Resource Model; Part 3: eXtensible Markup Language (XML) Schema definition



Reference
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Contents

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN).

The present document is part 3 of a multi-part deliverable covering Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN) Network and Service Management; Network Resource Model, as identified below:

Part 1: "Requirements";

Part 2: "Information Service";

Part 3: "eXtensible Markup Language (XML) Schema definition";

1 Scope

The present document identifies an XML schema definition for the manageable resources in the NGN Transport and Service Layers.

The present document is related to TS 188 005-2 [2].

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific.

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2.1 Normative references

The following referenced documents are indispensable for the application of the present document. For dated references, only the edition cited applies. For non-specific references, the latest edition of the referenced document (including any amendments) applies.

[1] ETSI TS 188 005-1: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); NGN Management; Network Resource Model (NRM); Part 1: Requirements".

[2] ETSI TS 188 005-2: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Network and Service Management; Network Resource Model; Part 2: Information Service".

2.2 Informative references

Not applicable.

3 Abbreviations

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

IMS	IP Multimedia Subsystem
IS	Information Service
NRM	Network Resource Model
XML	eXtensible Markup Language

4 Structure and content of XML files

Annex A of the present document defines the NRM-specific XML schema (`ngnNrm.xsd`) for the NGN Network Resource Model (NRM) defined in TS 188 005-2 [2].

XML schema `ngnNrm.xsd` explicitly declares NRM-specific XML element types for the related NRM.

Annex A (normative): Configuration data file NRM-specific XML schema (file name "ngnNrm.xsd")

The following XML schema ngnNrm.xsd is the NRM-specific schema for the NGN NRM IRP IS defined in TS 188 005-2 [2] and is contained in archive ts_18800503v020000p0.zip which accompanies the present document.:

```
<?xml version="1.0" encoding="UTF-8"?>

<!--
  ETSI TS 188 005-3 TISPAN NRM
  XML schema definition
  ngnNrm.xsd
-->

<schema
  targetNamespace="http://uri.etsi.org/ngn/management/nrm/xml/v2#ngnNrm"
  elementFormDefault="qualified"
  attributeFormDefault="unqualified"
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:xn="http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"
  xmlns:ng="http://uri.etsi.org/ngn/management/nrm/xml/v2#ngnNrm"
>

  <import namespace="http://www.3gpp.org/ftp/specs/archive/32_series/32.625#genericNrm"/>

  <!--NGN NRM IS class associated XML elements -->

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        <extension base="xn:NrmClass">
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```
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  <element name="Link_Agcf_SpdfOptionallyContainedNrmClass" type="xn:NrmClass" abstract="true"/>
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Annex B (informative): XML schema electronic files

The electronic files corresponding to the normative XML schemas defined in the present document are available in native form in the following archive: http://uri.etsi.org/ngn/management/nrm/xml/v2/ngnNrm.xsd.

History

Document history		
V2.0.0	March 2008	Publication