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Technical Specification Group Technical Specification Group Services and System Aspects;
Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN);
Presence Service;
Architecture and functional description
[Endorsement of 3GPP TS 23.141 and OMA-AD-Presence_SIMPLE-V1_0]
(Release 8)

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Contents

Foreword

This Technical Specification (TS) was produced by ETSI Technical Committee Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN) and originally published as ETSI TS 182 008 [i]. It was transferred to the 3rd Generation Partnership Project (3GPP) in December 2007 (Rel-7) and upgraded to Rel-8 in September 2008.

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

x   the first digit:

1   presented to TSG for information;

2   presented to TSG for approval;

3   or greater indicates TSG approved document under change control.

y   the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

z   the third digit is incremented when editorial only changes have been incorporated in the document.

1 Scope

(Void)

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

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

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[i] ETSI TS 182 008 v1.1.1: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Presence Service; Architecture and functional description [Endorsement of 3GPP TS 23.141 and OMA-AD-Presence_SIMPLE-V1_0]".

Endorsement Notice

The present document, in conjunction with 3GPP TS 23.141 version 7.0.0 (September 2005) and OMA-AD-Presence_SIMPLE-V1_0 provides the specifications for the stage 2 of the presence service for NGNs.

Endorsement of OMA-AD-Presence_SIMPLE-V1_0

The references listed in the table below are replaced by references applicable to NGN:

Reference no.	OMA-AD-Presence_SIMPLE-V1_0	Applicable reference in the present document
OMA XDM AD	"XML Document Management (XDM) Architecture, V 1.0", Open Mobile Alliance	TS 182 011

Clauses 4 to 4.4 are not applicable. Such material is out of scope of the present document.

Clause 5.2 is not applicable. Device Management is out of scope of the present document.

Clause 6.1.2.1 is not applicable. The scope of this clause is covered by the 3GPP TS 23.141 part of the present document.

Clauses 6.1.3.16, 6.1.3.17, 6.1.3.18 and 6.1.3.19 are out of scope of the present document. This is covered by DES/TISPAN-02033.

Clause 6.1.3.21 is not applicable. Device Management is out of scope of the present document.

Clause 6.1.6.1 is not applicable. The scope of this clause is covered by the 3GPP TS 23.141 part of the present document.

Clause 6.1.7 is not applicable. The scope of this clause is covered by the 3GPP TS 23.141 part of the present document.

Clause 6.1.8 is not applicable.

Clause 6.1.9 is not applicable. Device Management is out of scope of the present document.

Endorsement of 3GPP TS 23.141

The references listed in the table below are replaced by references applicable to NGN:

Reference no.	Reference in 3GPP TS 23.141	Applicable reference in the present document
[2]	3GPP TS 22.141	
[9]	3GPP TS 23.228	TS 182 006: " IP Multimedia Subsystem (IMS);Stage 2; TISPAN NGN Release 1".

Add the following references to clause 2:

> [101]   ES 383 004: "Network Attachment Subsystem; Release 1".

> [102]   ES 282 007: "IP Multimedia Subsystem (IMS)".

In clauses 4.2, 4.3.1, 4.3.6, 4.3.7, 5.2.1.1, and 5.3.4 replace reference to 3GPP TS 23.002 [18] with DES/TISPAN-02029 [102].

In clause 4.2, figure 4.2-1 is extended with the following functional entities and interfaces:

- Addition of Connectivity Session Location and Repository Function (CLF) functional entity connected by interface Pn to the Presence Network Agent.

In clause 4.3, the following additional reference points are added:

- new clause 4.3.101 as follows:

4.3.101 Reference point Presence Network Agent - Connectivity Session Location and Repository Function (CLF) (Pn)

This reference point shall allow the NASS to report presence relevant events to the Presence Network Agent. This reference point is implemented using the mechanisms of the e2 reference point as defined in ES 282 004 [101].

In clause 5.2.2.2 the table is extended with the following entries:

Network Element supplying P4resence Information	Reference Point
Connectivity Session Location and Repository Function (CLF)	Pn

In clause 5.3.4, the 2nd bullet item of the 1st paragraph is not applicable. Clause 8 is note applicable.

NOTE: Charging requirements are not specified in this version of the specification, and may be provided in a later version of the present document.

Equivalence of reference points

OMA-AD-Presence_SIMPLE-V1_0 and 3GPP TS 23.141 use different labels for the reference points. The following table shows the equivalence of reference points, where such equivalence exists.

Reference point in OMA-AD-Presence_SIMPLE-V1_0	Reference point in 3GPP TS 23.141
PRS-1	Pen, Pex, Pep, Pwp
PRS-2	Pw, Pwp, Pet
PRS-3	Pen, Pex, Pw, Pep, Pwp
PRS-4	Pet
PRS-5	Ut
PRS-6	-
PRS-7	Ut
PRS-8	Peu
PRS-9	Ut
PRS-10	Ut
PRS-11	-
PRS-12	Ut
PRS-13	-
PRS-14	-
PRS-15	-
IP-1	Pwp
-	Ph
-	Pi
-	Px
-	Pl
-	Pg
-	Pc
-	Pk
-	Pr
-	Pp

Annex ZZ (informative):
Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2006-02	-	-	-	-	Publication as ETSI TS 182 008	-	1.1.1
2007-12	SP-38	SP-070938	-	-	Conversion to 3GPP format, no technical change	-	1.1.2
2007-12	SP-38	-	-	-	Approved and frozen	1.1.2	7.0.0
2008-09	SP-41	SP-080538	-	-	Upgrade to Rel-8 version	7.0.0	8.0.0