3GPP TS 28.751 V11.0.1 (2013-06)

Technical Specification

**3rd Generation Partnership Project;
Technical Specification Group Services and System Aspects;
Telecommunication management;
Subscription Management (SuM)
Network Resource Model (NRM)
Integration Reference Point (IRP);
Requirements
(Release 11)**

Keywords
Subscription Management, NRM, IRP,
Converged Management

3GPP

Postal address

3GPP support office address
650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Internet
http://www.3gpp.org

Contents

Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

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.

Ready for Converged Management

This specification is part of a set that has been developed for converged management solutions.

Introduction

Subscription Management is a feature that permits Service Providers, Value Added Service Providers and Mobile Operators to provision services for a specific subscriber. Subscription Management is an area of Service Operation Management that sets a complex challenge for Service Providers and Operators in their support of new or existing subscribers during their every day network operation.

The present document is part a TS-family covering the 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Telecommunication management, as identified below:

TS 32.140:   Subscription Management (SuM) requirements.

TS 32.141:   Subscription Management (SuM) architecture.

TS 28.751:   Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements.

TS 28.752:   Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS).

TS 28.753:   Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions.

1   Scope

The present document defines, in addition to the requirements defined in [1], [2], [3] and [4], requirements for the present IRP: SuM NRM IRP.

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*.

[1]   3GPP TS 32.101: "Telecommunication management; Principles and high level requirements".

[2]   3GPP TS 32.102: "Telecommunication management; Architecture".

[3]   3GPP TS 32.140: "Telecommunication management; Subscription Management (SuM) requirements".

[4]   3GPP TS 32.141: "Telecommunication management; Subscription Management (SuM) architecture".

[5]   3GPP TS 32.600: "Telecommunication management; Configuration Management (CM); Concept and high-level requirements".

[6]   3GPP TS 32.107: "Telecommunication management; Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM)".

[7]   3GPP TS 28.620: "Telecommunication management; Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) Umbrella Information Model (UIM)".

3   Definitions and abbreviations

3.1   Definitions

For the purposes of the present document, the following terms and definitions apply. For terms and definitions not found here, please refer to 3GPP TS 32.101 [1], 3GPP TS 32.102 [2], 3GPP TS 32.140 [3], 3GPP TS 32.141 [4] and 3GPP TS 32.600 [5].

3.2   Abbreviations

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

IRP   Integration Reference Point
NRM   Network Resource Model
SuM   Subscription Management

4 Requirements

The following general and high-level requirements apply for the present IRP:

    a) IRP-related requirements in 3GPP TS 32.101 [1].

    b) IRP-related requirements in 3GPP TS 32.102 [2].

    c) IRP-related requirements in 3GPP TS 32.140 [3].

    d) IRP-related requirements in 3GPP TS 32.141 [4].

The NRM defined by this IRP:

    a) Shall support communications for telecommunication network management purposes, including management of converged networks.

    b) Is a member of the Federated Network Information Model (FNIM) [6] and its information is derived from the FNIM Umbrella Information Model (UIM) [7].

Annex A (informative): Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
2013-02					First draft	--	0.1.0
2013-03	SA#59	SP-130070			MCC editorial cleanup and presentation for Information and Approval	0.1.0	1.0.0
2013-03					Appoved version	1.0.0	11.0.0
2013-06					Editorial changes (MCC): removal of blank page in page 2	11.0.0	11.0.1