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Technical Specification

**Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
Telecommunication management;
Subscription Management (SuM)
Network Resource Model (NRM)
Integration Reference Point (IRP): Requirements
(3GPP TS 32.171 version 6.1.0 Release 6)**



Reference

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Foreword

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

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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.

Introduction

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 32.171: "Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements".**
- TS 32.172: "Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Information Service (IS)".
- TS 32.175: "Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): eXtensible Markup Language (XML) definition".

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.

1 Scope

The present document defines, in addition to the requirements defined in [1], [2], [3] and [4], requirements for the present 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".
- [5] 3GPP TS 32.141: "Telecommunication management; Subscription Management (SuM) architecture".

3 Abbreviations

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

| | |
|-----|-----------------------------|
| IRP | Integration Reference Point |
| NRM | Network Resources 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].

Annex A (informative): Change history

| Change history | | | | | | | |
|----------------|-------|-----------|-----|-----|---|-------|-------|
| Date | TSG # | TSG Doc. | CR | Rev | Subject/Comment | Old | New |
| Dec 2003 | SA_22 | SP-030616 | -- | -- | Submitted to TSG SA#22 for Information | 1.0.0 | |
| Jun 2004 | SA_24 | SP-040238 | -- | -- | Submitted to TSG SA#24 for Approval | 2.0.0 | 6.0.0 |
| Dec 2004 | SA_26 | SP-040764 | 001 | -- | Editorial modifications to 'Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP): Requirements' | 6.0.0 | 6.1.0 |
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History

| Document history | | |
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| V6.1.0 | December 2004 | Publication |
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