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**Digital cellular telecommunications system (Phase 2+) (GSM);
Universal Mobile Telecommunications System (UMTS);
LTE;
Telecommunication management;
Delta synchronization Integration Reference Point (IRP);
Solution Set (SS) definitions
(3GPP TS 32.396 version 13.1.0 Release 13)**

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Contents

Foreword

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Introduction

The present document is part of a TS-family covering the 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Telecommunication management; Communication Surveillance management Integration Reference Point (IRP), as identified below:

32.391: "Delta Synchronization Integration Reference Point (IRP); Requirements"

32.392: "Delta Synchronization Integration Reference Point (IRP): Information Service (IS)"

32.396: "Delta Synchronization Integration Reference Point (IRP): Solution Set definitions"

The Itf-N interface is built up by a number of IRPs and a related Name Convention, which realise the functional capabilities over this interface. The basic structure of the IRPs is defined in 3GPP TS 32.101 [2] and 3GPP TS 32.102 [3].

IRPManagers (typically Network Management Systems) and IRPAgents (typically EMs or NEs) synchronize their data concerning alarms or configuration data. In certain scenarios this synchronization is lost or not done. This IRP provides functionality to significantly reduces the amount of data which needs to be transferred in order to re-establish synchronization.

1 Scope

The present document specifies the Solution Set definitions for the IRP whose semantics is specified in Delta Synchronization IRP IS (3GPP TS 32.392 [5]).

This Solution Set specification is related to 3GPP TS 32.392 V13.0.X.

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.
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[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 32.101: "Telecommunication management; Principles and high level requirements".

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

[4] 3GPP TS 32.150: "Telecommunication management; Integration Reference Point (IRP) Concept and definitions".

[5] 3GPP TS 32.392: "Telecommunication management; Delta Synchronization Integration Reference Point (IRP): Information Service (IS)".

[6] 3GPP TS 32.391: "Configuration Management (CM); Delta Synchronization Integration Reference Point (IRP): Requirements".

[7] 3GPP TS 32.302: "Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Information Service (IS)".

[8] 3GPP TS 32.622: "Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)".

[9] 3GPP TS 32.312: "Telecommunication management; Generic Integration Reference Point (IRP) management; Information Service (IS)".

[10] 3GPP TS 32.602: "Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) management; Information Service (IS)".

[11] 3GPP TS 32.306: "Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): Solution Set definitions ".

[12] OMG TC Document telecom/98-11-01: "OMG Notification Service". http://www.omg.org/technology/documents/

[13] 3GPP TS 32.342: "Telecommunication management; File Transfer (FT) Integration Reference Point (IRP): Information Service (IS)".

[14] W3C REC-xml-20001006: "Extensible Markup Language (XML) 1.0 (Second Edition)".

[15] W3C REC-xmlschema-0-20010502: "XML Schema Part 0: Primer".

[16] W3C REC-xmlschema-1-20010502: "XML Schema Part 1: Structures".