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**Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
LTE;
Telecommunication management;
Configuration Management (CM);
State Management Integration Reference Point (IRP);
Solution Set (SS) definitions
(3GPP TS 32.676 version 12.0.0 Release 12)**



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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; as identified below:

32.671: Configuration Management (CM); State Management Integration Reference Point (IRP); Requirements

32.672: Configuration Management (CM); State Management Integration Reference Point (IRP); Information Service (IS)

32.676 Configuration Management (CM); State Management Integration Reference Point (IRP); Solution Set (SS) definitions

Configuration Management (CM), in general, provides the operator with the ability to assure correct and effective operation of the 3G network as it evolves. CM actions have the objective to control and monitor the actual configuration on the Network Elements (NEs) and Network Resources (NRs), and they may be initiated by the operator or by functions in the Operations Systems (OSs) or NEs.

CM actions may be requested as part of a deployment program (e.g. additions and deletions), as part of an optimisation program (e.g. modifications), and to maintain the overall Quality of Service (QoS). The CM actions are initiated either as single actions on single NEs of the 3G network, or as part of a complex procedure involving actions on many resources/objects in one or several NEs.

1 Scope

The present document specifies the Solution Set (SS) definitions for the IRP whose semantics is specified in State Management IRP: Information Service (IS) (3GPP TS 32.672 [1]).

This Solution Set definitions specification is related to 3GPP TS 32.672 V11.0.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.
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- [1] 3GPP TS 32.311: "Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements".
- [2] 3GPP TS 32.672: "Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information Service (IS)".
- [3] ITU-T Recommendation X.721: "Information technology - Open Systems Interconnection - Structure of management information: Definition of management information".
- [4] ITU-T Recommendation M.3100: "Generic network information model".
- [5] 3GPP TS 32.612: "Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Information Service (IS)".
- [6] 3GPP TS 32.616: "Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Solution Set (SS) definitions".
- [7] W3C REC-xml-20001006: "Extensible Markup Language (XML) 1.0 (Second Edition)".
- [8] W3C REC-xmlschema-0-20010502: "XML Schema Part 0: Primer".
- [9] W3C REC-xmlschema-1-20010502: "XML Schema Part 1: Structures".
- [10] W3C REC-xmlschema-2-20010502: "XML Schema Part 2: Datatypes".
- [11] W3C REC-xml-names-19990114: "Namespaces in XML".
- [12] ITU-T Recommendation X.721: "Information technology - Open Systems Interconnection - Structure of management information: Definition of management information".
- [13] 3GPP TS 32.300: "Telecommunication management; Configuration Management (CM); Name convention for Managed Objects".