

# ETSI TS 132 615 V9.2.0 (2011-01)

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*Technical Specification*

**Digital cellular telecommunications system (Phase 2+);  
Universal Mobile Telecommunications System (UMTS);  
LTE;  
Telecommunication management;  
Configuration Management (CM);  
Bulk CM Integration Reference Point (IRP):  
eXtensible Markup Language (XML) file format definition  
(3GPP TS 32.615 version 9.2.0 Release 9)**

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**Reference**

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## Foreword

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## Foreword

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

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

- 32.611: "Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements".
- 32.612: "Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)".
- 32.613: "Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Common Object Request Broker Architecture (CORBA) Solution Set (SS)".
- 32.615: "Configuration Management (CM); Bulk CM Integration Reference Point (IRP): eXtensible Markup Language (XML) file format definition".**
- 32.617: "Configuration Management (CM); Bulk CM Integration Reference Point (IRP): SOAP Solution Set (SS)".

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 Element (NEs) and Network Resources (NRs), and they may be initiated by the operator or functions in the Operations Systems (OSs) or NEs.

CM actions may be requested as part of an implementation programme (e.g. additions and deletions), as part of an optimisation programme (e.g. modifications), and to maintain the overall Quality of Service (QoS). The CM actions are initiated either as a single action on a NE of the 3G network or as part of a complex procedure involving actions on many NEs.

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# 1 Scope

The present document provides the main part of the XML file format definition for the Bulk Configuration Management IRP IS in 3GPP TS 32.612 [1].

The other parts of this XML file format definition are NRM-specific parts.

Those NRM-specific parts are provided by 3GPP TS 32.625 [11], 32.635 [12], 32.645 [13], 32.655 [14], 32.695 [16], 32.715 [17], 32.735 [18], 32.745 [15], 32.755 [20], 32.765 [19], 32.525 [21], 32.175 [22], 32.725 [23], 32.775 [24] and 32.785 [25].

Bulk CM XML file formats are based on XML [2], XML Schema [3] [4] [5] and XML Namespace [6] standards.

This File Format Definition specification is related to 3GPP TS 32.612 V9.1.X.

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# 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 32.612: "Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS)".
- [2] W3C REC-xml-20001006: "Extensible Markup Language (XML) 1.0 (Second Edition)".
- [3] W3C REC-xmlschema-0-20010502: "XML Schema Part 0: Primer".
- [4] W3C REC-xmlschema-1-20010502: "XML Schema Part 1: Structures".
- [5] W3C REC-xmlschema-2-20010502: "XML Schema Part 2: Datatypes".
- [6] W3C REC-xml-names-19990114: "Namespaces in XML".
- [7] 3GPP TS 32.300: "Telecommunication management; Configuration Management (CM); Name convention for Managed Objects".
- [8] 3GPP TS 32.622: "Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)".
- [9] Void.
- [10] Void.
- [11] 3GPP TS 32.625: "Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition".
- [12] 3GPP TS 32.635: "Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition".