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**LTE;
Telecommunication management;
Wireless Local Area Network (WLAN)
Network Resource Model (NRM)
Integration Reference Point (IRP);
Requirements
(3GPP TS 28.681 version 17.0.0 Release 17)**



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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.

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:

TS 28.680: Telecommunication management; Wireless Local Area Network (WLAN) management; Concepts and requirements

TS 28.681: Telecommunication management; Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements

TS 28.682: Telecommunication management; Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)

TS 28.683: Telecommunication management; Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions

1 Scope

The present document describes the NRM IRP requirements of WLAN management.

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 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".
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3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TR 21.905 [1], 3GPP TS 32.101 [2], 3GPP TS 32.102 [3], and 3GPP TS 32.150 [4] apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

AP	Access Point
IRP	Integration Reference Point
NE	Network Element
NRM	Network Resource Model
WLAN	Wireless Local Access Network

4 Concepts and background

The architecture for management of WLAN AP is conformant to the management reference model as defined in Figure 1 of TS 32.101 [2] where the WLAN AP is depicted as NE. The system context of the WLAN management is in compliance with the System Context A, defined in Figure 4.7.1 in TS 32.150 [4].

Based on the above characteristics, the present document defines respective WLAN management NRM IRP requirements.

5 Requirements

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

- A. IRP-related requirements in 3GPP TS 32.101 [2].
- B. IRP-related requirements in 3GPP TS 32.102 [3].

Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2015-12	SA#70	SP-150686			Presented for information and approval	0.2.0	1.0.0
					Upgrade to Rel-13	1.0.0	13.0.0

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2017-03	SA#75					Promotion to Release 14 without technical change	14.0.0
2018-06	-	-	-	-	-	Update to Rel-15 version (MCC)	15.0.0
2020-07	-	-	-	-	-	Update to Rel-16 version (MCC)	16.0.0
2022-03	-	-	-	-	-	Update to Rel-17 version (MCC)	17.0.0

History

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