

ETSI TS 123 234 V13.1.0 (2017-03)



**Universal Mobile Telecommunications System (UMTS);
LTE;
3GPP system to Wireless Local Area Network (WLAN)
interworking;
System description
(3GPP TS 23.234 version 13.1.0 Release 13)**



Reference

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Keywords

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Foreword

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In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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Foreword

This Technical Specification (TS) has been produced by ETSI 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:

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 - 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.

1 Scope

This document provides an index to the set of specifications for interworking between 3GPP systems and Wireless Local Area Networks (WLANs).

No further changes to this specification are intended. If any future evolution of the procedures in this specification is necessary, it should be documented in other specifications.

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] void.
- [2] void.
- [3] void.
- [4] void.
- [5] void.
- [6] void.
- [7] void.
- [8] void.
- [9] 3GPP TS 24.234: "3GPP System to WLAN Interworking; UE to Network protocols; Stage 3 (Release 12)".
- [10] void.
- [11] void.
- [12] void.
- [13] void.
- [14] 3GPP TS 33.234: "WLAN Interworking Security (Release 12)".
- [15] void.
- [16] void.
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- [19] void.
- [20] void.
- [21] void.

- [22] void.
- [23] void.
- [24] void.
- [25] 3GPP TS 22.234: "Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking (Release 13)".
- [26] 3GPP TS 32.252: "Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging (Release 11)".
- [27] void.
- [28] void.
- [29] void.
- [30] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [31] void.
- [32] void.
- [33] void.
- [34] void.
- [35] void.
- [36] void.
- [37] void.
- [38] void.
- [39] void.
- [40] void.
- [41] 3GPP TS 24.235: "3GPP System to Wireless Local Area Network (WLAN) interworking Management Object (MO) (Release 12)".
- [42] 3GPP TS 24.327: "Mobility between 3GPP Wireless Local Area Network (WLAN) interworking (I-WLAN) and 3GPP systems; General Packet Radio System (GPRS) and 3GPP I-WLAN aspects; Stage 3 (Release 12)".
- [43] 3GPP TS 29.161: "Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data (Release 11)".
- [44] 3GPP TS 29.234: "3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 (Release 11)".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions defined in TR 21.905 [30] apply.

3.2 Void

3.3 Abbreviations

I-WLAN	Interworking WLAN
WLAN	Wireless Local Area Network

4 WLAN Radio networks interworking with 3GPP

This feature has been discontinued since Release 13 and the present specification is used to provide references to the latest versions of the stage-1, 2 and 3 specifications.

- TS 22.234 [25].
- TS 24.234 [9].
- TS 24.235 [41].
- TS 24.327 [42].
- TS 29.161 [43].
- TS 29.234 [44].
- TS 33.234 [14].
- TS 32.252 [26].

5 Void

6 Void

7 Void

Annex A (informative):
Void

Annex B (informative):
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Annex C (informative): Void

Annex D (normative):
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D.2 Void

D.3 Void

Annex E (informative):
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Annex F (normative):
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Annex G (informative):
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Annex H (informative):
Void

Annex I (informative): Change history

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2005-12	SA #30	SP-050672	0141	2		Technical requirements for private network access from WLAN 3GPP IP Access	7.0.0
2006-03	SA #31	SP-060134	0142	3		Procedures for the private network access from WLAN 3GPP IP Access	7.1.0
2006-03	SA #31	SP-060123	0144	2		Correction of some references	7.1.0
2006-03	SA #31	SP-060134	0145	-		PAP authentication capability supporting for I-WLAN Private Network Access	7.1.0
2006-03	SA #31	SP-060123	0150	1		Update of references	7.1.0
2006-06	SA #32	SP-060276	0151	4		QoS and Policy Aspect for Interworking WLAN	7.2.0
2006-06	SA #32	SP-060285	0152	-		Update the IETF reference	7.2.0
2006-06	SA #32	SP-060276	0153	2		Adjustment needed on Ww Reference Point to be in phase with updated scope	7.2.0
2006-09	SA #33	SP-060570	0155	1	F	Annex D Short Message Service Correction	7.3.0
2006-09	SA #33	SP-060584	0156	3	B	Inclusion of QoS Support for WLAN 3GPP IP Access	7.3.0
2006-09	SA #33	SP-060570	0158	1	A	Correction on functions of Wd	7.3.0
2006-09	SA #33	SP-060656	0159	2	C	Addition of details of IMS emergency call functionality to the I-WLAN procedures	7.3.0
2006-09	SA #33	SP-060579	0160	1	C	Addition of requirements text to support of IMS Emergency Call functionality	7.3.0
2006-12	SA #34	SP-060832	0162	3	F	Corrections related to QoS and Policy Aspect for Interworking WLAN	7.4.0
2007-03	SA #35	SP-070099	0165	2	F	Update reference	7.5.0
2007-12	SA #38	SP-070805	0166	4	F	I-WLAN Off-line Charging	7.6.0
2008-06	SA #40	SP-080390	0171	2	F	Assignment of remote IP address for the WLAN UE and binding with the local IP address at the PDG	7.7.0
2008-12	SA #42	-	-	-	-	Update to Rel-8 version (MCC)	8.0.0
2009-12	SA #46	-	-	-	-	Update to Rel-9 version (MCC)	9.0.0
2011-03	SA#51	-	-	-	-	Update to Rel-10 version (MCC)	10.0.0
2012-09	-	-	-	-	-	Update to Rel-11 version (MCC)	11.0.0
2014-09	SA#65	SP-140426	0172	2	C	I-WLAN maintenance	12.0.0
2016-09	SA#73	SP-160643	0175	1	C	Creating stub version of TS 23.234	13.0.0
2017-03	SA#75	SP-170044	0176	-	F	Updated reference to SA3 I-WLAN specifications	13.1.0

History

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