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**Digital cellular telecommunications system (Phase 2+) (GSM);
Universal Mobile Telecommunications System (UMTS);
LTE;
Requirements on 3GPP system to Wireless Local Area
Network (WLAN) interworking
(3GPP TS 22.234 version 13.1.0 Release 13)**



Reference

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Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

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- z the third digit is incremented when editorial only changes have been incorporated in the document.

Introduction

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.

1 Scope

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

Maintenance of the I-WLAN feature is discontinued as of Release 12. 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] 3GPP TR 22.934 (V6): "Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking".
- [3] void
- [4] void
- [5] void
- [6] void
- [7] 3GPP TR 22.935: "Feasibility Study on Location Services (LCS) for Interworking-WLAN".
- [8] void
- [9] 3GPP TS 23.234: "3GPP system to Wireless Local Area Network (WLAN) interworking; System description (Release 13)".[10] 3GPP TS 33.234: "WLAN Interworking Security (Release 13)".
- [11] 3GPP TS 32.252: "Telecommunication management; Charging management; Wireless Local Area Network (WLAN) charging (Release 11)".
- [12] 3GPP TS 24.235: "3GPP System to Wireless Local Area Network (WLAN) interworking Management Object (MO) (Release 12)"
- [13] 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)"
- [14] 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)"
- [15] 3GPP TS 29.234: "3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 (Release 11)"
- [16] 3GPP TS 24.234: "3GPP System to WLAN Interworking; UE to Network protocols; Stage 3 (Release 12)".

3 Definitions and abbreviations

3.1 Definitions

Void

3.2 Abbreviations

For the purposes of the present document, the following abbreviations apply:

I-WLAN	Interworked / interworking WLAN
WLAN	Wireless Local Area Network

Further abbreviations are given in 3GPP TR 21.905 [1].

4 General description

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 23.234 [9].
- TS 24.234 [16].
- TS 24.235 [12].
- TS 24.327 [13].
- TS 29.161 [14].
- TS 29.234 [15].
- TS 33.234 [10].
- TS 32.252 [11].

5 Void

6 Void

7 Void

Annex A (informative): Change history

Change history											
TSG SA#	SA Doc.	SA1 Doc	Spec	CR	Rev	Rel	Cat	Subject/Comment	Old	New	WI
01/2004		S1-040250	22.234					Creation of TS		2.0.0	WLAN
SA-23	SP-040100	S1-040250	22.234			Rel-6		Approved at SA #23	2.0.0	6.0.0	WLAN
SP-24	SP-040295	S1-040527	22.234	0001	-	Rel-6	F	Priority usage of UICC parameters for I-WLAN	6.0.0	6.1.0	WLAN-CR
SP-24	SP-040294	S1-040528	22.234	0002	-	Rel-6	F	Addition of a definition of 3GPP PS based services	6.0.0	6.1.0	WLAN
SP-24	SP-040294	S1-040531	22.234	0003	-	Rel-6	C	TS 22.234 Addition of clause 4. General Description	6.0.0	6.1.0	WLAN
SP-24	SP-040475	S1-040549	22.234	0004	1	Rel-6	B	Selection of a PLMN accessed via an I-WLAN	6.0.0	6.1.0	WLAN
SP-25	SP-040506	S1-040710	22.234	0005	-	Rel-6	F	Clarification to WLAN PLMN Selection	6.1.0	6.2.0	WLAN
SP-25	SP-040506	S1-040711	22.234	0006	-	Rel-6	F	Use of the SSID List at WLAN PLMN Selection	6.1.0	6.2.0	WLAN
SP-25	SP-040506	S1-040712	22.234	0007	-	Rel-6	F	Clarification of Interworking between PLMN and WLANs clause 5.1.7.1	6.1.0	6.2.0	WLAN
SP-25	SP-040506	S1-040715	22.234	0008	-	Rel-6	F	Clarification of the relationship between different levels of WLAN interworking	6.1.0	6.2.0	WLAN
SP-25	SP-040506	S1-040726	22.234	0009	-	Rel-6	F	Clarification on the WLAN identities lists for I-WLAN selection	6.1.0	6.2.0	WLAN
SP-26	SP-040737	S1-040995	22.234	0010	-	Rel-7	B	New features of I-WLAN	6.2.0	7.0.0	WLAN-SC
SP-27	SP-050066	S1-050206	22.234	0011	-	Rel-7	C	Over-the-air update of I-WLAN operator lists	7.0.0	7.1.0	WLAN-SC
SP-27	SP-050066	S1-050209	22.234	0012	-	Rel-7	F	Editorial change and addition of missed abbreviation	7.0.0	7.1.0	WLAN-SC
SP-27	SP-050061	S1-050208	22.234	0014	-	Rel-7	A	Requirements for Support of 3GPP PS services	7.0.0	7.1.0	WLAN-CR
SP-28	SP-050222	S1-050525	22.234	0017	-	Rel-7	F	Correction of a faulty reference in 22.234	7.1.0	7.2.0	TEI7
SP-28	SP-050222	S1-050532	22.234	0018	-	Rel-7	B	Clarification of LCS in I-WLAN	7.1.0	7.2.0	I-WLAN, LCS
SP-30	SP-050739	S1-051234	22.234	0019	-	Rel-7	F	Addition of missing reference in TS 22.234	7.2.0	7.3.0	I-WLAN
SP-32	SP-060305	S1-060587	22.234	0021	-	Rel-7	A	Deletion of ODB requirements on direct internet access and WLAN 3GPP IP Access	7.3.0	7.4.0	WLAN-SC
SP-34	SP-060921	-	22.234	0022	-	Rel-7	B	Re-introduction of ODB for I-WLAN	7.4.0	7.5.0	WLAN-SC
SP-35	SP-070123	S1-070093	22.234	0023	-	Rel-8	F	Capability of UE to read USIM information for I-WLAN Network Selection	7.5.0	8.0.0	IWLANNS P
SP-35	SP-070123	S1-070266	22.234	0024	1	Rel-8	B	Steering of Roaming for PLMNs connected by I-WLAN	7.5.0	8.0.0	IWLANNS P
SP-35	SP-070123	S1-070267	22.234	0025	1	Rel-8	B	Requirement for presentation of additional information in manual mode	7.5.0	8.0.0	IWLANNS P
SP-35	SP-070123	S1-070268	22.234	0026	1	Rel-8	B	Network selection mode at switch-on	7.5.0	8.0.0	IWLANNS P
SP-36	SP-070480	S1-070648	22.234	0027	1	Rel-8	B	The Last RPLMN	8.0.0	8.1.0	IWLANNS P
SP-36	SP-070363	S1-070651	22.234	0028	-	Rel-8	B	Addition of EHPLMN to I-WLAN selection	8.0.0	8.1.0	IWLANNS P
SP-46	SP-090848	S1-094464	22.234	0031	2	Rel-10	B	Adding reference to 22.278 for IFOM Requirements	8.1.0	10.0.0	IFOM
2012-09	-	-	-	-	-	-	-	Updated to Rel-11 by MCC	10.0.0	11.0.0	-
SP-65	SP-140523	S1-143506	22.234	0032	2	Rel-12	C	Ending maintenance of I-WLAN	11.0.0	12.0.0	TEI12

2015-12	-	-	-	-	-	Rel-13		Updated to Rel-13 by MCC	12.0.0	13.0.0	-
SP-73	SP-160539	S1-162536	22.234	0033	2	Rel-13	C	Creating stub version of TS 22.234	13.0.0	13.1.0	TEI13

History

Document history		
V13.0.0	January 2016	Publication
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