ETSI TS 123 327 V13.1.0 (2016-10)

TECHNICAL SPECIFICATION

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobility between 3GPP-Wireless Local Area Network (WLAN) interworking and 3GPP systems (3GPP TS 23.327 version 13.1.0 Release 13)

Reference

RTS/TSGS-0223327vd10

Keywords

GSM,LTE,UMTS

ETSI

650 Route des Lucioles

F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00   Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C

Association à but non lucratif enregistrée à la

Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

The present document can be downloaded from:

http://www.etsi.org/standards-search

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the only prevailing document is the print of the Portable Document Format (PDF) version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx

If you find errors in the present document, please send your comment to one of the following services:

https://portal.etsi.org/People/CommiteeSupportStaff.aspx

Copyright Notification

ETSI

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (https://ipr.etsi.org/).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

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

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under http://webapp.etsi.org/key/queryform.asp.

Modal verbs terminology

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).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

Contents

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.

1 Scope

This document specifies the stage 2 system description for providing mobility between 3GPP Wireless Local Area Network Interworking (I-WLAN) and 3GPP Systems. The I-WLAN feature defined in TS 23.234 [2] has been discontinued since Release 13 and it is removed from this specification.

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 23.234: "3GPP Systems to Wireless Local Area Network (WLAN) Interworking; System Description".

[3]   Void.

[4]   Void.

[5]   Void.

[6]   Void.

[7]   Void.

[8]   Void.

[9]   Void.

[10]   Void.

[11]   Void.

[12]   Void.

[13]   Void.

3 Definitions and Abbreviations

3.1 Definitions

For the purposes of the present document, the definition given in TR 21.905 [1] apply.

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in 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 TR 21.905 [1].

I-WLAN   Interworking WLAN

4 Void

5 Void

6 Void

Annex A (Informative):
Void

Annex B (Informative):
Void

Annex C (Informative): Change History

Change history							
Date	**Meeting**	**TDoc**	**CR**	**Rev**	**Cat**	**Subject/Comment**	**New version**
2008-06	SP-40	SP-080358	-	-	-	Approved at TSG SA#40 and updated to version 8.0.0	8.0.0
2008-09	SP-41	SP-080577	0001	1	F	Essential corrections for TS 23.327	8.1.0
2008-09	SP-41	SP-080577	0002	1	F	Correction and Cleanup to IWLAN Mobility TS 23.327	8.1.0
2008-09	SP-41	SP-080577	0003	-	F	Correction and Cleanup of Annex A – IWLAN Mobility TS 23.327	8.1.0
2008-09	SP-41	SP-080577	0004	1	F	Correction and Cleanup of Annex B – IWLAN_Mob	8.1.0
2008-12	SP-42	SP-080810	0005	-	F	APN in IDr payload	8.2.0
2008-12	SP-42	SP-080810	0006	1	F	APN discovery for HO to GPRS	8.2.0
2008-12	SP-42	SP-080810	0007	1	F	Alignment of PDN address handling for H1	8.2.0
2008-12	SP-42	SP-080810	0008	1	F	IPv4 Home Address release procedure for H1	8.2.0
2008-12	SP-42	SP-080810	0010	3	F	I-WLAN Mobility- cleanups	8.2.0
2009-01						LTE logo and keyword removed	8.2.1
2009-01						Typo in previous entry of history box corrected	8.2.2
2009-03	SP-43	SP-090125	0011	1	F	Cleanup for using PCO to obtain the homelink information when GGSN and HA are co-located	8.3.0
2009-09	SP-45	SP-090581	0015	1	F	Reference correction for S2c	8.4.0
2009-12	SP-46	-	-	-	-	Update to Rel-9 version (MCC)	9.0.0
2011-03	SP-51	-	-	-	-	Update to Rel-10 version (MCC)	10.0.0
2012-03	SP-55	SP-120088	0022	-	C	Update of reference to obsolete IETF RFCs	**11.0.0**
2014-09	SP-65	-	-	-	-	Update to Rel-12 version (MCC)	**12.0.0**
2015-12	-	-	-	-	-	Update to Rel-13 version (MCC)	**13.0.0**
2016-09	SP-73	SP-160643	0023	-	C	Cleaning up of I-WLAN	13.1.0

History

Document history		
V13.0.0	January 2016	Publication
V13.1.0	October 2016	Publication