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LTE;

**Technical Specifications and Technical Reports for an Evolved
Packet System (EPS) based 3GPP system
(3GPP TS 21.201 version 19.0.0 Release 19)**



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KeywordsLTE

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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.

1 Scope

The present document identifies the 3GPP system specifications for Release 18. The specifications and reports of this Release have a major version number 18 (i.e. 18.x.y). The listed Specifications are required to build a system based on the Evolved Packet System.

The high-level architecture of such a system is defined in 3GPP TS 23.002 [2] (figure 1b).

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 23.002: "Network architecture".

[3] 3GPP TS 21.900: "Technical Specification Group working methods".

3 Definitions, symbols and abbreviations

3.1 Definitions

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

3.2 Symbols

(Void)

3.3 Abbreviations

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

4 General

The numbering scheme for specifications is described in 3GPP TR 21.900 [3].

5 Specifications and Reports

The list of Technical Specifications and Technical Reports can be found at
<https://portal.3gpp.org/Specifications.aspx?q=1&tbid=All&releases=194&draft=False&underCC=True&withACC=False&withBCC=False&tech=3&numberNYA=False>

NOTE 1: The padlock icon on the right of each row indicates whether or not the documents are intended for adoption by the partner Standards Development Organizations as their own publications. Those with a padlock icon are internal working documents of the 3GPP TSGs.

NOTE 2: Some of the algorithm specifications in the 35.-series are available only under licence.

NOTE 3: "Type" indicates Technical Specification (TS) or Technical Report (TR).

Annex A (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2008-03					First draft based on SA1 request to SP-38, refined at SP-39. Spec list based on Specification Manager's whim.		0.0.0
2008-05					Rapporteur's revision	0.0.0	0.1.0
2008-12	SP-42	SP-080723			Rapporteur's revision prior to upgrading of specs to Rel-8 following Release freeze.	0.1.0	0.2.0
2009-01					Further rapporteur revision in the light of feedback	0.2.0	0.3.0
2009-03	CP-43 RP-43	CP-080927 RP-081048			Submission for review	0.3.0	1.0.0
2009-03	SP-43	SP-090034			Clean up of §3. To SA for information.	1.0.0	1.0.1
2009-03	SP-43	SP-090224			Major revision following clarification of scope, restricting the TS to a list of normative elements specific to EPS.	1.0.1	2.0.0
2009-03	SP-43				Approved	2.0.0	8.0.0
2009-06	SP-45	SP-090495	1	2	Update list of Specs	8.0.0	
			2	2	Clarification of scope		8.1.0
2009-12	SP-46	SP-090695	3	1	Correction to list of specifications	8.1.0	8.2.0
2010-03	SP-47	SP-100012	4	-	Update list of specs	8.2.0	8.3.0
2010-03	SP-47	SP-100012	5	-	Update list of specs	8.3.0	9.0.0
2011-03	SP-51				Automatic upgrade on Release freeze	9.0.0	10.0.0
2011-06	SP-52	SP-110298	8	-	Correction to list of specifications	10.0.0	10.1.0
2012-03	SP-55	SP-120114	11	1	Changes to list of Specs: LTE systems	10.1.0	10.2.0
2013-03	SP-59	SP-130155	12		Update to list of specs	10.2.0	10.3.0
2013-03	SP-59	SP-130155	13		Update to list of specs	10.3.0	11.0.0
2014-06	SP-64	SP-140200	15		Update to list of specs	11.0.0	11.1.0

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2016-03	SA#71	SP-160126	0017		F	Update to list of Specs	12.0.0
2013-12	SA#74	SP-150974	0018	1	F	Update to list of Specs	13.0.0
2017-03	SA#75					Promotion to Release 14 without technical change	14.0.0
2017-06	SA#76	SP-170460	0019		F	Replace list of specs with pointer to web page showing up to date list	14.1.0
2018-06	SA#80					Upgrade unchanged on freeze of Rel-15	15.0.0
2020-07	SA#88-e					Upgrade on freeze of Rel-16	16.0.0
2022-03	SA#95-e					Upgrade on freeze of Rel-17	17.0.0
2023-03	SA#99	SP-230325	0023		A	Correction of specs list URL	17.1.0
2023-03	SA#99					Correction of release	17.1.1
2024-03	SA#103	-	-	-	-	Update to Rel-18 version (MCC)	18.0.0
2025-03	SA#107	SP-250226	0024	1	F	Correction of Release	18.1.0
2025-09	SA#109	-	-	-	-	Update to Rel-19 version (MCC)	19.0.0

History

Document history		
V19.0.0	October 2025	Publication