

ETSI TS 136 424 V14.1.0 (2017-08)



**LTE;
Evolved Universal Terrestrial
Radio Access Network (E-UTRAN);
X2 data transport
(3GPP TS 36.424 version 14.1.0 Release 14)**



ReferenceRTS/TSGR-0336424ve10

KeywordsLTE

ETSI

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Foreword

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1 Scope

The present document specifies the standards for user data transport protocols and related signalling protocols to establish user plane transport bearers over the X2 interface.

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.
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- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 29.281: "General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U)".
- [3] IETF RFC 768 (1980-08): "User Datagram Protocol".
- [4] IETF RFC 2474 (1998-12): "Definition of the Differentiated Services Field (DS Field) in the Ipv4 and Ipv6 Headers".
- [5] IETF RFC 2460 (1998-12): "Internet Protocol, Version 6 (IPv6) Specification".
- [6] IETF RFC 791 (1981-09): "Internet Protocol".
- [7] 3GPP TS 36.401: "Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture Description".
- [8] 3GPP TS 36.300: "Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2".
- [9] 3GPP TS 36.425: "Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 interface user plane protocol".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions below apply. Terms and definitions not defined below can be found in TR 21.905 [1].

Dual Connectivity: Defined in TS 36.300 [8].

E-RAB: Defined in TS 36.401 [7].

X2: logical interface between two eNBs. Whilst logically representing a point to point link between eNBs, the physical realisation need not be a point to point link.