

# ETSI TS 136 465 V14.1.0 (2017-10)



**LTE;  
Evolved Universal Terrestrial  
Radio Access Network (E-UTRAN)  
and Wireless Local Area Network (WLAN);  
Xw interface user plane protocol  
(3GPP TS 36.465 version 14.1.0 Release 14)**



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# Foreword

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# 1 Scope

The present document specifies the Xw user plane protocol being used over the Xw interface for LTE/WLAN Aggregation (LWA) and LTE WLAN Radio Level Integration with IPsec Tunnel (LWIP).

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## 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.
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[1] 3GPP TR 21.905: “Vocabulary for 3GPP Specifications”.

[2] 3GPP TS 36.300: “Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2”.

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## 3 Definitions and abbreviations

### 3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**LTE-WLAN Aggregation:** Defined in TS 36.300 [2].

**LWA bearer:** Defined in TS 36.300 [2].

**LWA PDU:** in LTE-WLAN Aggregation, a PDU with DRB ID generated by LWAAP entity for transmission over WLAN.

**LWIP bearer:** Defined in TS 36.300 [2].

**LWIP option:** Defined in TS 36.300 [2].

**LWIP PDU:** in LTE WLAN Radio Level Integration with IPsec Tunnel, a PDU generated by LWIPEP entity for transmission over WLAN

**WLAN Termination:** Defined in TS 36.300 [2].

**Xw:** logical interface between eNB and WT.

### 3.2 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP 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 3GPP TR 21.905 [1].

eNB	E-UTRAN Node
LWA	LTE-WLAN Aggregation