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Universal Mobile Telecommunications System (UMTS);
LTE;
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Data formats for multi-vendor plug and play eNode B
connection to the network
(3GPP TS 32.509 version 14.0.0 Release 14)**



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Introduction

The present document is part of a TS-family covering the 3rd Generation Partnership Project Technical Specification Group Services and System Aspects, Telecommunication management; as identified below:

TS 32.501: "Self-configuration of network elements; Concepts and requirements".

TS 32.508: "Procedure flows for multi-vendor plug and play eNB connection to the network".

TS 32.509: "Data formats for multi-vendor plug and play eNB connection to the network".

1 Scope

The present document describes the data formats used between network entities involved in the multi-vendor plug and play eNB connection to network.

These data formats are based on requirements and use cases specified in 3GPP TS 32.501 [4].

The procedure flows where these data exchanged are defined in 3GPP TS 32.508 [5].

2 References

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- 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 32.101: "Telecommunication management; Principles and high level requirements".
- [3] 3GPP TS 32.102: "Telecommunication management; Architecture".
- [4] 3GPP TS 32.501: "Telecommunication management; Self-configuration of network elements; Concepts and requirements".
- [5] 3GPP TS 32.508: "Telecommunications management; Procedure flows for multi-vendor plug and play eNB connection to the network".
- [6] 3GPP TS 23.003: "Numbering, addressing and identification".
- [7] IETF RFC 1035: "Domain Names - Implementation and Specification".
- [8] IETF RFC 2131: "Dynamic Host Configuration Protocol".
- [9] IETF RFC 2132: "DHCP Options and BOOTP Vendor Extensions".
- [10] IETF RFC 3396: "Encoding Long Options in the Dynamic Host Configuration Protocol (DHCPv4)".
- [11] 3GPP TS 33.310: "Network Domain Security (NDS); Authentication Framework (AF)".
- [12] IETF RFC 6712: "Internet X.509 Public Key Infrastructure -- HTTP Transfer for the Certificate Management Protocol (CMP)".