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Stage 3
(3GPP TS 29.279 version 13.0.0 Release 13)**



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1 Scope

The present document specifies the stage 3 of the MIPv4 Based Mobility Protocol used over the S2a reference point defined in 3GPP TS 23.402 [3], and is thus applicable to the PDN Gateway and Trusted Non-3GPP Access. Protocol specification is compliant with relevant IETF RFCs.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

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- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 23.401: "GPRS enhancements for E-UTRAN access".
- [3] 3GPP TS 23.402: "Architecture Enhancements for non-3GPP accesses".
- [4] 3GPP TS 33.402: "3GPP System Architecture Evolution (SAE); Security aspects of non-3GPP accesses".
- [5] IETF Internet-Draft, draft-ietf-mip4-rfc3344bis-06.txt (March 2008): "IP Mobility Support for IPv4, revised".

Editor's note: The above document cannot be formally referenced until it is published as an RFC.

- [6] IANA Assigned Numbers Online Database, "Private Enterprise Numbers", <<http://www.iana.org/assignments/enterprise-numbers>>.
- [7] 3GPP TS 24.008: "Mobile radio interface Layer 3 specification; Core network protocols".
- [8] 3GPP TS 24.304: "Mobility management based on Mobile IPv4; User Equipment (UE) - Foreign Agent interface".
- [9] IETF RFC 3543 (August 2003): "Registration Revocation in Mobile IPv4".

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].

Evolved Packet Core: the successor to the 3GPP Release 7 packet-switched core network, developed by 3GPP within the framework of the 3GPP System Architecture Evolution (SAE).

Foreign agent: a router on a visited network which provide mobile IPv4 routing services to the UE while registered as described in draft-ietf-mip4-rfc3344bis [5].