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**Universal Mobile Telecommunications System (UMTS);
LTE;
Service capability exposure functionality
over Nt reference point
(3GPP TS 29.154 version 13.0.0 Release 13)**



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1 Scope

This document defines the protocol for Nt reference point. The functional requirements and the stage 2 specifications of the Nt reference point are contained in 3GPP TS 23.203 [2]. The Nt reference point lies between Service Capability Exposure Function (SCEF) and Policy and Charging Rules Function (PCRF).

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 23.203: "Policy and charging control architecture".
- [3] IETF RFC 3588: "Diameter Base Protocol".
- [4] IETF RFC 4006: "Diameter Credit Control Application".
- [5] 3GPP TS 29.214: "Policy and Charging Control over Rx reference point".
- [6] 3GPP TS 29.274: "3GPP Evolved Packet System. Evolved GPRS Tunnelling Protocol for EPS (GTPv2)".
- [7] IETF RFC 5719: "Updated IANA Considerations for Diameter Command Code Allocations".
- [8] IETF RFC 2234: "Augmented BNF for syntax specifications".
- [9] 3GPP TS 29.213: "Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping".
- [10] IETF RFC 7683: "Diameter Overload Indication Conveyance".
- [11] 3GPP TS 29.229: "Cx and Dx interfaces based on Diameter protocol; Protocol details".

3 Definitions and abbreviations

3.1 Definitions

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