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**Universal Mobile Telecommunications System (UMTS);  
LTE;  
Service capability exposure functionality  
over Nt reference point  
(3GPP TS 29.154 version 14.1.0 Release 14)**



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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).

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# 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 23.203: "Policy and charging control architecture".
- [3] Void.
- [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".
- [12] IETF RFC 7944: "Diameter Routing Message Priority".
- [13] 3GPP TS 29.215: "Policy and Charging Control (PCC) over S9 reference point; Stage 3".
- [14] IETF draft-ietf-dime-load-03: "Diameter Load Information Conveyance".

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

- [15] IETF RFC 6733: "Diameter Base Protocol".