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LTE;
Representational state transfer over xMB reference point
between content provider and BM-SC
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1 Scope

The present document describes the REST-based protocol for the xMB reference point between the Content Provider and the BM-SC. The xMB reference point and related stage 2 protocol procedures are defined in 3GPP TS 23.246 [2] and in 3GPP TS 26.346 [3].

2 References

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- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 23.246: "Multimedia Broadcast/Multicast Service (MBMS) Architecture and Functional Description".
- [3] 3GPP TS 26.346: "Multimedia Broadcast/Multicast Service (MBMS); Protocols and Codecs".
- [4] IETF RFC 5246 (August 2008): "The Transport Layer Security (TLS) Protocol", T. Dierks, E. Rescorla.
- [5] IETF RFC 6749 (October 2012): "The OAuth 2.0 Authorization Framework", D. Hardt, Ed.
- [6] IETF RFC 7231 (June 2014): "Hypertext transfer protocol (HTTP/1.1): Semantics and Content", R. Fielding and J. Reschke, Ed.
- [7] 3GPP TS 33.210: "3G security; Network Domain Security (NDS); IP network layer security".
- [8] IETF RFC 7235: "Hypertext Transfer Protocol (HTTP/1.1): Authentication"
- [9] IETF RFC 4918, "HTTP Extensions for Web Distributed Authoring and Versioning (WebDAV)".
- [10] 3GPP TS 26.234, "Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs".
- [11] IETF RFC 3711, "The Secure Real-time Transport Protocol (SRTP)".
- [12] IETF RFC 4347, "Datagram Transport Layer Security".
- [13] IETF RFC 2818, "HTTP over TLS".
- [14] IETF RFC 5246, "The Transport Layer Security (TLS) Protocol Version 1.2".
- [15] IETF RFC 2459, "Internet X.509 Public Key Infrastructure Certificate and CRL Profile".
- [16] IETF RFC 6749, "The OAuth 2.0 Authorization Framework".
- [17] IETF RFC 7235, "Hypertext Transfer Protocol (HTTP/1.1): Authentication".
- [18] 3GPP TS 26.247: "Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH)".
- [19] IETF RFC 3926: "FLUTE - File Delivery over Unidirectional Transport".