SLOVENSKI STANDARD
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Zlite telekomunikacijske in internetne storitve ter protokoli za napredno omreženje (TISPAN) - Profil H.248 za krmiljenje prenosniških medijskih prehodov (TMG)

Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN) - H.248 Profile for controlling Trunking Media Gateways (TMG)

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ETSI Standard

Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); H.248 Profile for controlling Trunking Media Gateways (TMG)

[Endorsement of 3GPP TS 29.332 (V7), modified]

ETSI

Reference
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ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00   Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
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Foreword

This ETSI Standard (ES) has been produced by ETSI Technical Committee Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN).

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1 Scope

The present document provides the ETSI TISPAN endorsement of the 3GPP TS 29.332 [1] "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Media Gateway Control Function (MGCF) - IM Media Gateway; Mn Interface (Release 7)".

The present document provides the necessary adaptations to the above specification, in order to comply with the requirements of TISPAN NGN Release 2.

2 References

References are either specific (identified by date of publication and/or edition number or version number) or non-specific.

- For a specific reference, subsequent revisions do not apply.

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2.1 Normative references

The following referenced documents are indispensable for the application of the present document. For dated references, only the edition cited applies. For non-specific references, the latest edition of the referenced document (including any amendments) applies.

[1] 3GPP TS 29.332: "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Media Gateway Control Function (MGCF) - IM Media Gateway; Mn Interface (Release 7)".

2.2 Informative references

The following referenced documents are not essential to the use of the present document but they assist the user with regard to a particular subject area. For non-specific references, the latest version of the referenced document (including any amendments) applies.

[i.1] ETSI ES 283 024: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); H.248 Profile for controlling Trunking Media Gateways; Protocol specification".

Endorsement notice

The present document endorses 3GPP TS 29.332 "Media Gateway Control Function (MGCF) - IM Media Gateway; Mn Interface (Release 7) [1], the contents of which apply together with the addition of the modifications being covered herein.

Global modifications to 3GPP TS 29.332

NOTE: When making modifications to the endorsed document's original text [1], strikethrough text means deleted text and underlined text means inserted text. If there has been underlined text in the endorsed document's original text [1], the underlining has been removed for the sake of clarity.

Throughout the text of 3GPP TS 29.332

2 References

The references in clause 2 of [1] should be replaced as shown in table 1.

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Table 1

	Reference in 3GPP TS 29.332 [1]	Replaced reference
[1]	3GPP TS 23.228: "IP Multimedia Subsystem (IMS); Stage 2".	ETSI TS 182 006: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); IP Multimedia Subsystem (IMS); Stage 2 description (3GPP TS 23.228 V7.2.0, modified)".
[2]	3GPP TS 29.007: "General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN)".	ETSI TS 129 007: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 Release 7)".
[3]	3GPP TS 29.205: "Application of Q.1900 series to Bearer Independent CS Network architecture; Stage 3".	ETSI TS 129 205: "Universal Mobile Telecommunications System (UMTS); Application of Q.1900 series to bearer-independent Circuit Switched (CS) core network architecture; Stage 3 (3GPP TS 29.205 Release 7)".
[4]	3GPP TS 29.163: "Interworking between the IM CN subsystem and CS networks – Stage 3".	ETSI TS 129 163: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 Release 7)".
[5]	3GPP TS 29.232: "Media Gateway Controller (MGC); Media Gateway (MGW) interface; Stage 3".	ETSI TS 129 232: "Universal Mobile Telecommunications System (UMTS); Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 (3GPP TS 29.232 Release 7)".
[6]	3GPP TS 26.226: "Cellular Text Telephone Modem; General Description".	ETSI TS 126 226: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Cellular text telephone modem; General description (3GPP TS 26.226 Release 7)".
[7]	3GPP TS 26.103: "Speech codec list for GSM and UMTS".	ETSI TS 126 103: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Speech codec list for GSM and UMTS (3GPP TS 26.103 Release 7)".
[8]	3GPP TS 29.202: "Application of Q.1900 series to Bearer Independent CS Network architecture; Stage 3".	ETSI TS 129 202: "Universal Mobile Telecommunications System (UMTS); Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 (3GPP TS 29.202 Release 7)".
[18]	IETF RFC 2833: "RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals".	IETF RFC 4733: "RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals" (note 2).
[20]	3GPP TS 26.236: "Packet switched conversational multimedia applications; Transport protocols".	ETSI TS 126 236: "Universal Mobile Telecommunications System (UMTS); Packet switched conversational multimedia applications; Transport protocols (3GPP TS 26.236 Release 7)".
[21]	3GPP TS 29.415: "Core Network Nb Interface User Plane Protocols".	ETSI TS 129 415: "Universal Mobile Telecommunications System (UMTS); Core network Nb interface user plane protocols (3GPP TS 29.415 Release 7)".
[22]	3GPP TS 23.153: "Out of band transcoder control".	ETSI TS 123 153: "Universal Mobile Telecommunications System (UMTS); Out of band transcoder control; Stage 2 (3GPP TS 23.153 Release 7)".
[25]	3GPP TS 29.202: "SS7 Signalling Transport in Core Network".	ETSI TS 129 202: "Universal Mobile Telecommunications System (UMTS); Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 (3GPP TS 29.202 Release 7)".
[40]	3GPP TR 21.905: "Vocabulary for 3GPP Specifications".	ETSI TR 121 905: "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Vocabulary for 3GPP Specifications (3GPP TR 21.905 Release 7)".

NOTE 1:   The reference in [1] is replaced by the document listed on the right column. This replacement is applicable to all occurrences of the reference throughout the present endorsement.

NOTE 2:   RFC 4733 obsoletes RFC 2833 in general. The functionality of RFC 2833 was partitioned into multiple separate RFCs: there is RFC 4734 "Definition of Events for Modem, Fax, and Text Telephony Signals" and IETF draft-ietf-avt-rfc2833biscas "Definition of Events For Channel-Oriented Telephony Signalling" besides RFC 4733, but only RFC 4733 is required for the present document.