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SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS
Infrastructure of audiovisual services – Communication
procedures

Gateway control protocol: IP domain connection package

Recommendation ITU-T H.248.41

ITU-T

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For further details, please refer to the list of ITU-T Recommendations.



Recommendation ITU-T H.248.41

Gateway control protocol: IP domain connection package

Summary

Recommendation ITU-T H.248.41 defines certain parameters and mechanisms for supporting the interconnection of a packet network with another network. It is only applicable to the IP-based ITU-T H.248 termination and provides such information as the IP Realm Identifier used to indicate to which packet network the media represented by the termination belongs.

Amendment 1 to the first edition introduced mechanisms that allow the media gateway controller to discover the IP realms that are available at the media gateway at a certain time. It also introduced a length limitation in the IP realm property.

The second edition removed the package extension in the IP Realm Availability package in order to resolve a property identity conflict.

This revision revises the IP domain connection package to allow multiple realms to be specified in the IP Realm Identifier property. This allows the usage of the property when the ReserveGroup/ReserveValue mechanism is used to specify different transports.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T H.248.41	2006-05-29	16	11.1002/1000/8820
1.1	ITU-T H.248.41 (2006) Amd. 1	2008-06-13	16	11.1002/1000/9477
2.0	ITU-T H.248.41	2013-03-16	16	11.1002/1000/11860
3.0	ITU-T H.248.41	2015-11-29	16	11.1002/1000/12626

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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As of the date of approval of this Recommendation, ITU had received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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