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SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS

IPTV multimedia services and applications for IPTV –
IPTV service discovery up to consumption

SIP-based IPTV service discovery

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Recommendation ITU-T H.771 (ex H.IPTV-SBSD)

SIP-based IPTV service discovery

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Recommendation ITU-T H.771 (ex H.IPTV-SBSD)

SIP-based IPTV service discovery

Summary

ITU-T H.771 describes the process for IPTV service provider discovery and service discovery based on SIP [IETF RFC 3261]. The processes enable IPTV terminal device to acquire information about available IPTV service providers and IPTV services.

Keywords

IPTV services, service provider, service provider discovery, service provider information, service discovery, service discovery information, SIP

1 Scope

This document describes the process for IPTV service provider discovery and service discovery based on SIP. The processes enable IPTV terminal device to acquire information about available IPTV service providers and IPTV services.

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

[ITU-T Y.1910]	ITU-T Recommendation Y.1910 (2008), <i>IPTV functional architecture</i> .
[ITU-T H.770]	ITU-T Recommendation H.770 (2009), <i>Mechanisms for service discovery and selection for IPTV services</i>
[IETF RFC 3261]	IETF RFC 3261 (2002), <i>SIP: Session Initiation Protocol</i>
[IETF RFC 3265]	IETF RFC 3265 (2002), <i>Session Initiation Protocol (SIP)-Specific Event Notification</i>
[ETSI TS 183 063]	ETSI TS 183 063 v2.4.2 (2009), <i>Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); IMS-based IPTV stage 3 specification</i>
[ATIS-0800017.v002]	ATIS standard ATIS-0800017.v002 (2009), <i>Network Attachment and Initialization of Devices and Client Discovery of IPTV Services</i>