International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

J.292

(11/2006)

SERIES J: CABLE NETWORKS AND TRANSMISSION OF TELEVISION, SOUND PROGRAMME AND OTHER MULTIMEDIA SIGNALS

Cable modems

Next generation set-top box media-independent architecture

ITU-T Recommendation J.292

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Next generation set-top box media-independent architecture

Summary

This Recommendation describes a core architecture that is not dependent on transport media for a next generation set-top box that will allow service providers to offer existing and new advanced services regardless of the transport media in the future. It is assumed in this Recommendation that all contents are transported on IP packets with an adequate QoS controlled mechanism. This Recommendation reflects key functional aspects of the next generation set-top box, such as network resource adaptability, secure two-way authenticated communication and session resource management and a QoS-control mechanism.

Source

ITU-T Recommendation J.292 was approved on 29 November 2006 by ITU-T Study Group 9 (2005-2008) under the ITU-T Recommendation A.8 procedure.