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General technical requirements for packet transport network

分组传送网(PTN)总体技术要求

(English Translation)

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What this standard covers

This standard specifies the packet transport network (PTN) general technical requirements, including PTN network functional architecture, packet forwarding technology, multi-service delivery capabilities and performance, network protection features and performance, operations management and maintenance (OAM) capabilities, Quality of Service (QoS), packet synchronization, network management functions and control plane functions, etc., network interfaces and interoperability. This standard applies to the use of MPLS-TP technology to build a connection-oriented packet transport network.

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Standards quoted by this document

GB/T 7611-2001; GB/T 15941-2008; GB/T 16814-2008; YD/T 1099-2005; YD/T 1109-2001; YD/T 1167-2001; YD/T 1238-2002; YD/T 1267-2003; YD/T 1289.2-2003; YD/T 1420-2005; YD/T 1462-2006; YD/T 1948.2-2009; YD/T 1948.3-2010; YD/T 1948.4-2010; YD/T 1948.5-2011; YDN 199-1998; ITU-T G.805-2000; ITU-T G.8011.3-2010; ITU-T G.8011.4-2010; ITU-T G.8011.5-2010; ITU-T G.8112-2006; ITU-T G.8264-2010; ITU-T Y.1731-2010; IEEE 802.1AD-2006; IEEE 802.1AX-2008; IEEE 802.1D-2004; IEEE 802.3-2008; IEEE 802.3AH- 2004; IEEE 1588-2008; IETF RFC792; IETF RFC2698; IETF RFC3031; IETF RFC3032; IETF RFC3270; IETF RFC3443; IETF RFC3550; IETF RFC3768; IETF RFC3985; IETF RFC4115; IETF RFC4364; IETF RFC4385; IETF RFC4448; IETF RFC4541; IETF RFC4553; IETF RFC4664; IETF RFC4717; IETF RFC4760; IETF RFC4761; IETF RFC4762; IETF RFC4842; IETF RFC5086; IETF RFC5462; IETF RFC5586; IETF RFC5654; IETF RFC5659; IETF RFC5718; IETF RFC5860; IETF RFC5921; IETF RFC5960; IETF RFC6073; AF-PHY 0086-1999; MEF10.1-2006