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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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**Technique Requirement of Virtual Private LAN Services based
on the Label Distribution Protocol**

基于标记分配协议（LDP）的虚拟专用以太网技术要求

(English Translation)

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What this standard covers

This standard specifies the LDP-based VPLS technology requirements, including VPLS technology model discovery mechanism, control plane, Ethernet VC data forwarding, VPLS operation, hierarchical VPLS Ethernet access network model and hierarchical VPLS model requirements. This standard does not give a clear mechanism for automatic discovery requirements. This standard applies to support the LDP-based VPLS technology equipment and the ability to participate in the VPLS service between devices labeled packet forwarding device.

Document data

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Standards quoted by this document

IEEE 802.1AD; IEEE 802.1D; IEEE 802.1Q; IEEE 802.1W; IETF RFC 1483-1993; IETF RFC 3036-2001; IETF RFC 4111-2005; IETF RFC 4446-2006; IETF RFC 4447-2006; IETF RFC 4448 - 2006