

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

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**Virtual Private LAN Services (VPLS) in the multi-homed
connection technology requirements based on Border Gateway
Protocol (BGP) is**

**虚拟专用局域网服务（VPLS）中基于边界网关协议（BGP）的多归连接技术要求
(English Translation)**

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What this standard covers

This standard specifies the BGP-based multi-homing connection technology requirements in the VPLS network. The main contents include requirements and scenario descriptions, multi-homed connection operations, including redundant multiple access links and PE selection mechanisms, and access chains. The switching mechanism after the failure of the road or PE, and the extension of the inter-PE signaling protocol BGP to support the above functions. The applicable scope of the technical requirement includes when the CE accesses two or more PEs through two or more access links, and 1:1 or 1:N between the redundant access links and the PEs. Redundancy protection does not include 1+1 or 1+N load balancing between these redundant access links and PEs.

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