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

YD/T 1651-2024

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**Technical Requirements for IP User Service Gateway
(English Translation)**

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What this standard covers

This standard specifies the basic functions, interface requirements, protocol requirements, address management function requirements, user access quality function requirements, security function requirements, authentication authorization and billing function requirements, encryption verification and VPN function requirements, network management and operation and maintenance function requirements, performance index requirements, software/hardware requirements, power supply and grounding requirements, environmental requirements, routine tests, and technical requirements for IPv6 home routers. This standard applies to IP user service gateway devices, including home router devices that support IPv6 functions.

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