

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

**YD/T 2371-2011**

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**Technical requirements for dual-stack lite**

轻型双栈 (DS-Lite) 技术要求

**(English Translation)**

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### What this standard covers

This standard specifies the technical requirements of the Lightweight Dual Stack (DS-Lite), which implements a technical framework, networking mode, and B4-enabled client devices for IPv4-in-IPv6 tunnels (ie, DS-Lite) on a fixed network (ie, B4 network elements) and AFTR-enabled network equipment (ie AFTR network elements) and the corresponding technical requirements. This standard applies to devices that contain IPv4 and Pv6 protocol stacks on the fixed network. They are not suitable for pure IPv6 devices (devices do not contain IPv4 stacks) and mobile terminal devices.

### Document data

Chinese classification (CCS): M32.

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### Standards quoted by this document

IETF RFC1918; IETF RFC4787; IETF RFC5382; IETF RFC5508