

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

**YD/T 3419-2018**

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**Performance requirements of Precision Time Protocol  
(PTP) boundary clock and slave clock for packet network  
equipment**

分组承载设备精确时间协议 ( PTP ) 边界时钟和从时钟性能要求  
**(English Translation)**

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### What this standard covers

This standard specifies the performance requirements for precise time protocol (PTP) boundary clock (BC) and slave clocks in packet bearer equipment, including noise generation of boundary and slave clocks, noise margin, noise transfer, and boundary and slave clocks. Performance requirements for short-term transients and long-term performance retention. This standard applies to various packet bearer devices that use boundary clocks and slave clocks of precise time protocols, such as PTN, OTN, PE-OTN, and routers.

### Document data

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