

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

YD/T 4072-2022

**Technical requirements for high-speed Ethernet storage
network switching equipment based on remote direct memory
access**

基于远程直接内存访问的高速以太网存储网络交换设备技术要求
(English Translation)

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This standard specifies the NVMe over RoCEv2 network control optimization technology (including plug-and-play and fast fault detection), host, switch, storage device business process, message format definition and skills requirement. This standard applies to hosts, switches, and storage devices under the NVMe over RoCEv2 network control optimization plug-and-play and fast fault detection technology research and development and application reference, and is applicable to end-to-end device interconnection and acceptance reference.

Document data

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