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ISO/IEC/IEEE FDIS 8802-1DC

Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks —

Part 1DC: Quality of service provision by network systems

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IEEE Std 802.1DC™-2024

IEEE Standard for Local and Metropolitan Area Networks—

Quality of Service Provision by Network Systems

Developed by the

LAN/MAN Standards Committee
of the
IEEE Computer Society

Approved 26 September 2024

IEEE SA Standards Board

Abstract: This standard specifies procedures and managed objects for quality of service (QoS) features specified in IEEE Std 802.1Q, such as Per-Stream Filtering and Policing, queuing, transmission selection, stream control, and frame preemption, in a network system that is not a Bridge.

Keywords: asynchronous traffic shaping, CQF, credit-based shaper, cyclic queuing and forwarding, frame preemption, IEEE 802.1DC™, IEEE 802.1Q™, LAN, local area network, Per-Stream Filtering and Policing, priority, quality of service, scheduled traffic, Time-Sensitive Networking, TSN, Virtual Bridged Network, virtual LAN, VLAN Bridge

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This introduction is not part of IEEE Std 802.1DC-2024, IEEE Standard for Local and Metropolitan Area Networks—Quality of Service Provision by Network Systems.

This standard specifies quality of service provision by network systems.

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