# Network Access Switch Model

This article describes the Cisco three-layer hierarchical model which includes the Access, Distribution, and Core layers.

A network switch usually operates at Layer 2 of the OSI model (working with the Ethernet protocol) but there are switch models that implement also routing, which can be considered as Layer ...

Comprehensive guide to Core, Distribution, and Access Switches. Roles in the network and important parameters explained.

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The core switch is used in the center of your network, while an access switch is placed on its edge. The main difference between these two kinds of hardware is that one performs more ...

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Switches in this layer are called access switches. End devices connect to the LAN through the access switches. In other words, an access switch forwards traffic between connected ...

This article will introduce what the access switch is and how to select the right access layer switches for your enterprise network. In the meanwhile, some important features of the access switch will be ...

While access switches provide end-device connectivity, distribution switches aggregate traffic and enforce policies, and core switches form the high-speed backbone.

Cisco has a comprehensive portfolio of network switches and switching solutions for enterprise networks, data centers and small businesses. Learn more.

Network switches connect devices within a local area network (LAN) and facilitate communication between them. Let"s explore the different types of network switches:

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