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Can an access switch be used as a core switch



Overview

Q1: An access switch can do a core switch job?

A: No—they don't. Q2: What if I don't want to use all three types of switches?

Each layer is served by specialized switches, with the access switch connecting end-user devices, the distribution switch aggregating traffic and enforcing policies, and the core switch acting as the high-speed backbone. This article looks at what each such tool does, compares how they differ from each other, and offers suggestions as to what sort of network each. A core switch is the primary switch installed at the backbone of a layered or hierarchical network. The data routed and switched by the core switch is carried forward to the bottom layers of the. It is important to know the difference between core switches vs access switches to get good performance and avoid problems. In this case, the word “core” is referring to the switch's position in the networking infrastructure. It's part of the physical core of the network, also known as the backbone of the switching.

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Article Content

Core Switch vs Access Switch

Typically, no. Core switches use high-speed fiber optic ports to connect to other switches. Power over Ethernet (PoE) is almost exclusively found on access switches because that is

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