

The switch can accept dual network cables



Article Overview

A network switch can accept dual network cables only if it supports link aggregation or stacking; unmanaged switches cannot safely use multiple cables for the same connection.

Link Aggregation (LAG)

Some managed switches support Link Aggregation (LAG), also known as port trunking, NIC teaming, or bonding. This feature allows multiple physical Ethernet ports to be combined into a single logical connection, increasing bandwidth and providing redundancy. Both ends of the connection (switch-to-switch or switch-to-server) must support LAG, and a protocol like LACP (Link Aggregation Control Protocol) is often used to manage the aggregated links. Without LAG, connecting two cables between switches can create a network loop, causing broadcast storms and network failure.

Switch Stacking

Certain switches, especially enterprise-grade models, support stacking, which connects multiple switches to function as a single logical switch. Stacking uses dedicated stack ports and cables, allowing up to eight switches to share data and power resources efficiently. This is different from simply plugging two Ethernet cables into standard ports, as stacking requires hardware and software support....

Article Content

Network switch

Multiple data cables are plugged into a switch to enable communication between different networked devices. Switches manage the

Model 9455SH Dual Channel RJ45 Cat5e A/B Network Switch, with

Model 9455SH is a 2-channel RJ45 A/B Switch box, certified for CAT5e compliance, that enables access to two 10/100/1000 Base-T

Can I run two ethernet cables between two switches, for ...

Run two cables and if one fails, manually switch to the backup. Cable failure is rare enough with in-wall runs you shouldn't need to do

Cisco Switch Selector

Medium-size to large-scale SAN architectures built with SAN core directors can expand 32-Gbps connectivity to the server rack

What is a network switch? | Switch vs. router

A network switch forwards data between devices, unlike routers, which forward data between networks. Learn about Ethernet

What Is a Network Switch? | How Do Network Switches Work? | Akamai

What Is a Network Switch? A network switch is a technology that allows two or more IT devices such as computers to communicate

What is an Ethernet switch?

Ethernet switches connect multiple devices together by physically cabling those devices to the same switch or devices connected to

Different Types of Network Switches

Firstly, network switches provide increased bandwidth by allowing multiple devices to communicate simultaneously. This is

Connecting two desktop switches with more than one cable?

I assume typical cheap desktop switches would be unmanaged and thus useless and/or self-defeating when connecting them with

Different Types of Network Switches

There are several types of network switches and understanding the differences can help you make the right choices for your small

Can I run two ethernet cables between two switches, for ...

Hi all, I'm running an ethernet cable between two rooms. One of them has my modem and a wifi access point (which can act as a

Contact Us

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