

# What does aggregation and uplink mean on an H3C switch

When aggregating ports, the system automatically assigns each port an operational key based on port information, such as port rate and duplex mode.

Link aggregation provides the following benefits: &#183; Increased bandwidth beyond the limits of a single individual link. In an aggregate link, traffic is distributed across the member ports. &#183; Improved link ...

Aggregate interfaces include Layer 2 aggregate interfaces and Layer 3 aggregate interfaces. You can assign Layer 2 Ethernet interfaces only to a Layer 2 aggregation group, and Layer 3 Ethernet ...

H3C Three-Layer Aggregation 1. Configuration steps The switch needs to enter the interface and change the interface to Layer 3 mode. (Routers do not need to change, the default ...

Each link aggregation is represented by a logical aggregate interface. Each aggregate interface has an automatically created aggregation group, which contains member ports to be used for aggregation.

In the dynamic link aggregation mode, each local member port and its peer member port have the same Selected state through exchanging LACPDUs. The user data traffic can be forwarded correctly.

An aggregation group is a group of Ethernet interfaces bundled together, which are called member ports of the aggregation group. For each aggregation group, a logical interface (called an aggregate ...

When you assign a port to an aggregation group, the recommended configuration procedure is as follows: Use the display this command in interface view to check the following attribute configurations ...

This article explores the differences between uplink and normal ports in network switches, emphasizing their roles, data processing capabilities, and applications.

When you are working on a live network, make sure you understand the potential impact of every command on your network. This document assumes that you have basic knowledge of Ethernet link ...

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