

NAS Link Aggregation Switch



Article Overview

Link aggregation combines multiple NAS network interfaces to increase reliability and distribute traffic, but it does not double single-device speeds.

What Link Aggregation Does

Link aggregation, also called trunking, bonding, or teaming, allows a NAS to use multiple Ethernet connections simultaneously. Its main benefits are:

- Load balancing: Network traffic is distributed across multiple connections, improving overall network efficiency when multiple devices access the NAS simultaneously .
- Fault tolerance: If one connection fails, traffic automatically reroutes to the remaining active connections, maintaining network availability . It is important to note that link aggregation does not increase the speed for a single device; a single client will still be limited by the speed of one LAN port .

NAS Requirements

- The NAS must have at least two LAN ports .
- The NAS interface will show a new bonded interface after aggregation, which can be configured like a normal LAN interface .
- Supported aggregation modes include:
 - Adaptive Load Balancing: Works without switch support, automatically balancing traffic .
 - IEEE 802.3ad Dynamic Link Aggregation (LACP): Requires a managed switch that...

Article Content

Link Aggregation von NAS an Switch

Ich möchte ein Synology und ein QNAP mit jeweils 2 Netzwerkanschlüssen über einen Switch verbinden (per Link

Link Aggregation | DSM

Bei aktivierter Link Aggregation wird der Netzwerkverkehr für jedes angeschlossene Gerät automatisch angepasst und ausgeglichen.

How to Set Up Link Aggregation (Tutorial) : r/synology

You need a switch supporting link aggregation. You WILL lock yourself out of your NAS if you try and set this up with a switch that

Link Aggregation | DSM UC

Note: With Link Aggregation enabled, the network traffic will automatically get adjusted and balanced for each connected device. If

Link Aggregation, Router Options, Pros/Cons? : r/synology

Link Aggregation, Router Options, Pros/Cons? Recently setup a DS1520+, and I have four fancy ethernet ports on the back of it and I

Activate Link Aggregation

Note: With Link Aggregation enabled, the network traffic will automatically get adjusted and balanced for each connected device. If

Networking: Link Aggregation

Link aggregation (a.k.a. trunking, bonding or teaming) combines two or more network connections into one. To use link aggregation,

Contact Us

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