QuFirewall Beta
Enhance NAS and network security with a FREE firewall
1. Network architecture and firewall usage
2. How to use QuFirewall
3. Demo
4. Applicable model
Firewall is an important element of network security.
QuFirewall is the new application for protection against cyber attacks

Prevent network attacks from other virus-infected LAN devices
Attention: when using NAS for external services

Whether the public server is a NAS or any workstation, do not run it directly on the Internet.

Make good use of the router’s NAT + Port Forwarding. (It’s better with the firewall feature)

QHora-301W
Wi-Fi 6 Dual 10G SD-WAN router

- NAT + Port Forwarding
- Firewall (nice to have)
NAT & Port forwarding features from Router

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Wi-Fi 6 Dual 10G SD-WAN router

- **NAT** (network address translation)
- **Mesh VPN**: (create site to site VPN quickly and easily)
- **MultiWAN aggregation**: (Not only bandwidth aggregation and failover, the connection between 2 sites can reach 2x speed.)
- **Firewall**: (Currently supporting L3, and DPI & L7 firewall coming soon via system update)

**LAN**: 192.168.0.100 /24

**WAN**: 60.251.180.100

**Internet**

**Intranet**

**Port Forwarding**

- **LAN**: 192.168.0.110: 443
- **LAN**: 192.168.0.120: 8080
- **WAN**: 60.251.180.100: 16800
- **WAN**: 60.251.180.100: 16888
- **LAN**: 192.168.0.100: 16800
- **LAN**: 192.168.0.120: 8080
How to use the QuFirewall
Download and install QuFirewall

Upgrade the NAS OS to QTS 4.5.1

Download the QuFirewall app from App Center
Corresponding changes

[ Control Panel > Security > Allow/Deny list ] will be controlled by QuFirewall
Corresponding changes

Security Counselor will ask you to install/enable QuFirewall for security management.
Three default profiles for users to get started
3 different initial profiles can be quickly applied

**1. Basic Protection**
Only private LAN IP and local region IP address are allowed

**2. Include subnet only**
Private LAN only and same subnet
Detect all subnet of each interface automatically

**3. Restricted security**
Only local region IP address & limited services are allowed (HTTPS/HBS/Qbelt-VPN)
(3rd-party apps are not supported)
Limit the service range of NAS

Block all connections outside the service area (Suspicious / unserviceable)
Check how many events have been triggered in the past period
Capture the blocked packets in real time to view the network status.
How to check packets and network status

- SRC: Source IP (Connection)
- DST: Destination IP (local)
- LEN: Packet size
- TOS: Type of service
- PREC: Precedence priority
- PROTO: Packet protocol
- SPT: Source port number
- DPT: Destination port number
Proactive notifications of firewall settings changes and trigger events
Applicable models

NAS can Support

QTS 4.5.1
QuTS hero h4.5.1
QuTSccloud c4.5.3

ARM based

x86 SMB

Enterprise
QuFirewall Beta
Your Best Choice!