



Network settings details from the per-node UI

Element Software

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March 09, 2021

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You can change the storage node network settings to give the node a new set of network attributes.

You can see the network settings for a storage node on the **Network Settings** page when you log in to the node (<https://<node IP>:442/hcc/node/network-settings>). You can select either **Bond1G** (management) or **Bond10G** (storage) settings. The following list describes the settings that you can modify when a storage node is in Available, Pending, or Active state:



If you are running a SolidFire Enterprise SDS cluster, most networking settings in the per-node UI cannot be modified after node deployment.

- **Method**

The method used to configure the interface. Possible methods:

- loopback: Used to define the IPv4 loopback interface.
- manual: Used to define interfaces for which no configuration is done by default.
- dhcp: Used to obtain an IP address via DHCP.
- static: Used to define Ethernet interfaces with statically allocated IPv4 addresses.

- **Link Speed**

The speed negotiated by the virtual NIC.

- **IPv4 Address**

The IPv4 address for the eth0 network.

- **IPv4 Subnet Mask**

Address subdivisions of the IPv4 network.

- **IPv4 Gateway Address**

Router network address to send packets out of the local network.

- **IPv6 Address**

The IPv6 address for the eth0 network.

- **IPv6 Gateway Address**

Router network address to send packets out of the local network.

- **MTU**

Largest packet size that a network protocol can transmit. Must be greater than or equal to 1500. If you add a second storage NIC, the value should be 9000.

- **DNS Servers**

Network interface used for cluster communication.

- **Search Domains**

Search for additional MAC addresses available to the system.

- **Bond Mode**

Can be one of the following modes:

- ActivePassive (default)
- ALB
- LACP

- **Status**

Possible values:

- UpAndRunning
- Down
- Up

- **Virtual Network Tag**

Tag assigned when the virtual network was created.

- **Routes**

Static routes to specific hosts or networks via the associated interface the routes are configured to use.

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