



Manage drives

Element Software

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Manage drives

Each node contains one or more physical drives that are used to store a portion of the data for the cluster. The cluster utilizes the capacity and performance of the drive after the drive has been successfully added to a cluster. You can use the Element UI to manage drives.

For more information

- [SolidFire and Element Software Documentation](#)
- [NetApp Element Plug-in for vCenter Server](#)

Drives details

The Drives page on the Cluster tab provides a list of the active drives in the cluster. You can filter the page by selecting from the Active, Available, Removing, Erasing, and Failed tabs.

When you first initialize a cluster, the active drives list is empty. You can add drives that are unassigned to a cluster and listed in the Available tab after a new SolidFire cluster is created.

The following elements appear in the list of active drives.

- **Drive ID**

The sequential number assigned to the drive.

- **Node ID**

The node number assigned when the node is added to the cluster.

- **Node Name**

The name of the node that houses the drive.

- **Slot**

The slot number where the drive is physically located.

- **Capacity**

The size of the drive, in GB.

- **Serial**

The serial number of the drive.

- **Wear Remaining**

The wear level indicator.

The storage system reports the approximate amount of wear available on each solid-state drive (SSD) for writing and erasing data. A drive that has consumed 5 percent of its designed write and erase cycles reports 95 percent wear remaining. The system does not refresh drive wear information automatically; you can refresh or close and reload the page to refresh the information.

- **Type**

The type of drive. The type can be either block or metadata.

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