

End Devices

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Devices

Choose **SAN > End Devices > Devices** tab to display the list of host and storage devices.

The following table describes the fields that appear on **SAN > End Devices > Devices**.

Use the **Show last day** menu drop-down list to filter the view by **Day**, **Week**, **Month**, and **Year**.

Use the **Show Host Ports** menu drop-down list to filter the view by **Host Ports** and **Storage Ports**.

Field	Description
Fabric	Specifies the fabric name. Click the fabric name to display the fabric status on the right-side of the page. Click the **Launch** icon on the top-right side of the pane to see Fabric Overview. For information on Fabric Overview, see Fabric Overview.
Enclosure Name	Specifies the enclosure name.
Device Alias	Specifies the device alias. Click the chart icon in the **Device Alias** column to view a graph of the traffic on that device according to the selected timeline. You can filter the data using the **Day**, **Week**, **Month**, and **Year** options.
FCID	Specifies the associated FCID.
Switch interface	Specifies the switch interface.
Rx/Tx	
Avg	Specifies the average receiving or transmitting speed.
Avg %	Specifies the average percentage of receiving or transmitting speed.

Field	Description
Peak	Specifies the peak utilization of the receiving or transmitting speed.
Peak %	Specifies the peak utilization percentage of the receiving or transmitting speed.
Errors/Discards	
In Avg	Specified the average of incoming errors or discards.
Out Avg	Specified the average of outgoing errors or discards.
In Peak	Specified the peak of incoming errors or discards.
Out Peak	Specified the peak of outgoing errors or discards.

Enclosures

Choose **SAN > End Devices > Enclosures** tab to display the host and storage enclosures.

Cisco Nexus Dashboard Fabric Controller extends the fabric visibility up to the server and allows you to discover and search the end devices, SAN Storage Enclosures, and Storage Systems that are attached to the network.

Click an enclosure name in the table to view more information about the enclosure.

This section includes the following topics:

Inventory

Choose **SAN > End Devices > Enclosures> Inventory > Host Enclosures** tab to display the host and storage inventory enclosures.

This section includes the following topics:

Inventory – Host Enclosures

The following table describes the fields that appear on **SAN > End Devices > Enclosures> Inventory > Host Enclosures**.

Field	Description
Enclosure	Specifies the enclosure name. Click the enclosure name for more information.
OS	Specifies the OS details.
IP Address	Specifies the IP address of the switch.
WWNs	Specifies the number of World Wide Names (WWNs).

The following table describes the action items, in the **Actions** menu drop-down list, that appear on **SAN > End Devices > Enclosures> Inventory > Host Enclosures**.

Action Item	Description
Edit	Select an enclosure from the table and choose **Edit** to update the enclosure information.
Change to Storage Enclosure	Select an enclosure from the table and choose **Change to Storage Enclosure** to change the selected enclosure to storage enclosure.

Importing or Exporting Inventory Enclosures data

From Release 12.1.2e, you can import and export enclosures data to a `.txt` file. This feature allows you to edit the exported file, and import the data to NDFC. You can either choose to export **All** or **Only Host Enclosures** or **Only Storage Enclosures** data. You can also choose one Fabric or All fabrics' data while exporting.

To export Inventory Enclosures data, perform the following steps:

1. On either **Host Enclosures** or **Storage Enclosures** tab, from the Actions drop-down list, select **Export**.
2. Select the enclosures to export data. You can choose **All** or **Only Host Enclosures** or **Only Storage Enclosures**.
3. In the Exported File Name field, provide the name of the exported file.

Note The export file is of **.txt** format only.

4. From **Fabric scope** drop-down list, choose **All Fabrics** or specific Fabric from which you must export enclosures data.
5. Click **Export** to download the enclosures data.

   Save the exported file to a local directory.

To import Inventory Enclosures data, perform the following steps:

1. On either **Host Enclosures** or **Storage Enclosures** tab, from the Actions drop-down list, select **Import**.
2. Upload the data file from your local directory. You can either drag and drop the file, or browse to upload the data file.

Note You can import data from **.txt** file format only.

   The uploaded file appears in the Import Enclosures area.

3. Click **OK** to import the enclosures data. Click **Cancel** the discard.

Inventory – Storage Enclosures

The following table describes the fields that appear on **SAN > End Devices > Enclosures> Inventory > Storage Enclosures**.

Field	Description
Enclosure	Specifies the enclosure name. Click the enclosure name for more information.
IP Address	Specifies the IP address of the switch.
WWNs	Specifies the number of World Wide Names (WWNs).

The following table describes the action items, in the **Actions** menu drop-down list, that appear on **SAN > End Devices > Enclosures> Inventory > Storage Enclosures**.

Action Item	Description
Edit	Select an enclosure from the table and choose **Edit** to update the enclosure information.
Change to Host Enclosure	Select an enclosure from the table and choose **Change to Host Enclosure** to change the selected enclosure to host enclosure.

Importing or Exporting Inventory Enclosures data

From Release 12.1.2e, you can import and export enclosures data to a `.txt` file. This feature allows you to edit the exported file, and import the data to NDFC. You can either choose to export **All** or **Only Host Enclosures** or **Only Storage Enclosures** data. You can also choose one Fabric or All fabrics' data while exporting.

To export Inventory Enclosures data, perform the following steps:

1. On either **Host Enclosures** or **Storage Enclosures** tab, from the Actions drop-down list, select **Export**.
2. Select the enclosures to export data. You can choose **All** or **Only Host Enclosures** or **Only Storage Enclosures**.
3. In the Exported File Name field, provide the name of the exported file.

Note The export file is of **.txt** format only.

4. From **Fabric scope** drop-down list, choose **All Fabrics** or specific Fabric from which you must export enclosures data.
5. Click **Export** to download the enclosures data.

   Save the exported file to a local directory.

To import Inventory Enclosures data, perform the following steps:

1. On either **Host Enclosures** or **Storage Enclosures** tab, from the Actions drop-down list, select **Import**.
2. Upload the data file from your local directory. You can either drag and drop the file, or browse to upload the data file.



Note You can import data from **.txt** file format only.

The uploaded file appears in the Import Enclosures area.

3. Click **OK** to import the enclosures data. Click **Cancel** the discard.

Performance

Choose **SAN > End Devices > Enclosures> Performance > Host Enclosures** tab to display the host and storage performance enclosures.

This section includes the following topics:

Performance – Host Enclosures

The following table describes the fields that appear on **SAN > End Devices > Enclosures > Performance > Host Enclosures**. Use the **Show last day** menu drop-down list to filter the view by **Day**, **Week**, **Month**, and **Year**.

Field	Description
Enclosure Name	Specifies the enclosure name. Click the enclosure name to view more information. Click the chart icon to view a graph of the traffic on that device according to the selected timeline. You can filter the data using the **Day**, **Week**, **Month**, and **Year** options.
Rx/Tx/Errors/Discards	
Avg	Specifies the average receiving, transmitting, errors, or discards speed.
Peak	Specifies the peak utilization of the receiving, transmitting, errors, or discards speed.
Rx + Tx	Specifies the sum of receiving and transmitting speeds.
Last Updated	Specifies the last updated time.

Performance – Storage Enclosures

The following table describes the fields that appear on **SAN > End Devices > Enclosures> Inventory > Storage Enclosures**.

Field	Description
Enclosure Name	Specifies the enclosure name.
Rx/Tx/Errors/Discards	
Avg	Specifies the average receiving, transmitting, errors, or discards speed.
Peak	Specifies the peak utilization of the receiving, transmitting, errors, or discards speed.
Last Updated	Specifies the last updated time.

Use the **Show last day** menu drop-down list to filter the view by Day, Week, Month, and Year.

Enclosure Members

The following table describes the fields that appear on **SAN > End Devices > Enclosures > Performance**. Enclosure members can be viewed for Host and Storage performance enclosures. Use the **Show last day** menu drop-down list to filter the view by **Day**, **Week**, **Month**, and **Year**.

Field	Description
Fabric	Specifies the fabric name. Click the name to view information about fabric health on the right-side of the page.
Device	Specifies the device name.
Speed	Specifies the device speed.
Rx/Tx	
Avg	Specifies the average receiving or transmitting speed.
Avg %	Specifies the average percentage of receiving or transmitting speed.
Peak	Specifies the peak utilization of the receiving, or transmitting speed.
Peak %	Specifies the peak utilization percentage of the receiving or transmitting speed.
Errors/Discards	
Avg	Specifies the average errors or discards speed.
Peak	Specifies the peak utilization of the errors or discards speed.
Last Updated	Specifies the last updated time.