Fibre Channel device resolution

OnCommand Insight

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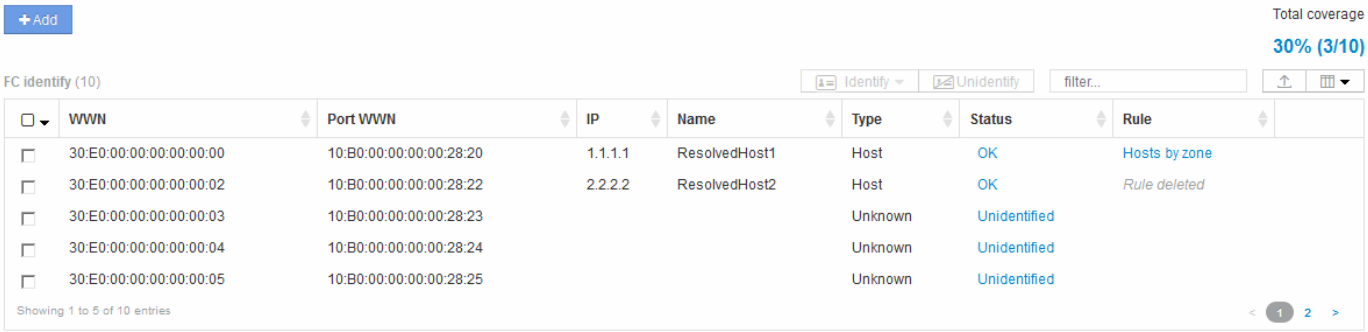
Fibre Channel device resolution

The FC Identify screen displays the WWN and WWPN of Fibre Channel devices whose hosts have not been identified by automatic device resolution. The screen also displays any devices that have been resolved by manual device resolution.

Devices that have been resolved by manual resolution contain a status of “OK” and identify the rule used to identify the device. Missing devices have a status of “Unidentified”. The total coverage for identification of devices is listed on this page.



You perform bulk actions by selecting multiple devices on the left-hand side of the FC identify screen. Actions can be performed on a single device by hovering over a device and selecting the identify or unidentify buttons on the far right of the list.

The Total coverage link displays a list of the "number of devices identified/number of devices available" for your configuration:

- SRM alias
- Storage alias
- Switch alias
- Zones
- User defined

Adding a Fibre Channel device manually

You can manually add a Fibre Channel device to OnCommand Insight using the manual add feature available in the Device resolution FC Identify tab. This process might be used for pre-identification of a device that is expected to be discovered in the future.

Before you begin

To successfully add a device identification to the system you need to know the WWN or IP address and the device name.

About this task

You can add a Host, Storage, Tape or Unknown Fibre Channel device manually.

Steps

1. Log in to the Insight web UI
2. Click **Manage** > **Device resolution**
3. Click the **FC Identify** tab.
4. Click the add button.

   The Add Device dialog is displayed

5. Enter the WWN or IP address, the device name, and select the device type.

Results

The device you enter is added to the list of devices in the FC Identify tab. The “Rule” is identified as Manual.

Importing Fibre Channel device identification from a CSV file

You can manually import Fibre Channel device identification into OnCommand Insight Device Resolution feature using a list of devices in a CSV file.

Before you begin

You must have a correctly formatted CSV file in order to import device identifications directly into the Device Resolution feature. The CSV file for Fibre Channel devices requires the following information:

WWN
IP
Name
Type

As a best practice, it is recommended to first export the FC Identify information to a CSV file, make your desired changes in that file, and then import the file back into FC Identify. This ensures that the expected columns are present and in the proper order.

To import FC Identify information:

Steps

1. Log into the Insight web UI.
2. Click **Manage** > **Device Resolution**
3. Select the **FC identify** tab.
4. Click **Identify** > **Identify from file**

5. a. Navigate to the folder containing your CSV files for import and select the desired file.

   The devices you enter are added to the list of devices in the FC Identify tab. The “Rule” is identified as “Manual”.

Exporting Fibre Channel device identifications to a CSV file

You can export existing Fibre Channel device identifications to a CSV file from the OnCommand Insight device resolution feature. You might want to export a device identification so that you can modify it and then import it back into Insight where it is then used to identify devices that are similar to those originally matching the exported identification.

About this task

This scenario might be used when devices have similar attributes that can be easily edited in the CSV file and then imported back into the system.

When you export a Fibre Channel device identification to a CSV file, the file contains the following information in the order shown:

WWN
IP
Name
Type

Steps

1. Log into the Insight web UI.
2. Click **Manage** > **Device Resolution**
3. Select the **FC identify** tab.
4. Select the Fibre Channel device or devices whose identification you want to export.
5. Click the export icon.
6. Chose if you want to open the CSV file or save the file.

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