Multiple server chassis consolidation issues

OnCommand Insight

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Multiple server chassis consolidation issues

You can view the connectors that report on hosts and adapters and SAN switches and storage arrays. You can also see the various connectors that report on an object and identify the primary connector, which is the connector that was chosen for the object.

Viewing hosts and adapters consolidation issues

The reported data for hosts and their associated adapters is derived from the Inventory data mart.

Steps

1. Log in to the Data Warehouse Portal at `https://hostname/dwh`, where `hostname` is the name of the system where OnCommand Insight Data Warehouse is installed.
2. In the navigation pane to the left, click **Troubleshooting**.
3. In the **Chassis Consolidation** section, click **Hosts and Adapters**.

The configuration shown in this example is not a valid configuration. Principal and Available connectors on localhost suggest that the Insight server and DWH are both installed on the same server. The intent of this example is to familiarize you with the consolidation table.

Host GUID	Host Name	Host IP	Adapter GUID	Adapter WWN	Principal Connector	Available Connectors	Insight ID	Insight Change Time
288	Agassi	192.1.168.71			localhost (1)	localhost (1)	9927	11/18/10 1:36 PM
			576	40:A0:00:00:00:00:00:84	localhost (1)	localhost (1)	9928	11/18/10 1:36 PM
			577	40:A0:00:00:00:00:00:85	localhost (1)	localhost (1)	9930	11/18/10 1:36 PM
305	AI_Host1	192.1.168.88			localhost (1)	localhost (1)	12254	11/18/10 1:38 PM
			597	40:A0:00:00:00:00:01:05	localhost (1)	localhost (1)	12255	11/18/10 1:38 PM
306	AI_Host2	192.1.168.89			localhost (1)	localhost (1)	12257	11/18/10 1:38 PM
			598	40:A0:00:00:00:00:01:06	localhost (1)	localhost (1)	12258	11/18/10 1:38 PM
307	AI_Host3	192.1.168.90			localhost (1)	localhost (1)	12260	11/18/10 1:38 PM

For all hosts and adapters there is a row for each connector that reports on them, as well as the Primary Connector from which the host and adapter are taken. For hosts and adapters only, a host that is reported by one connector may have its adapters reported by a different connector.

You can also see the OnCommand Insight change time of a host/adapter for each connector. Using this parameter, you can discover when an update has occurred in OnCommand Insight for the host/adapter and when the same host/adapter has been updated in other OnCommand Insight servers.

4. Optionally, filter data in this view by typing a portion of the text and clicking **Filter**. To clear the filter, delete the text in the **Filter** box and click **Filter**. You can filter by host name, host IP, adapter WWN, or OnCommand Insight object ID.

   The filter is case sensitive.

5. Review the following data:
   - **Host GUID**

     Global Unique Identifier for this type of consolidated device (hosts)

   - **Host Name**

     Name of the consolidated host as it appears in the data warehouse

- **Host IP**

  IP address of the consolidated host

- **Adapter GUID**

  Global Unique identifier for the host adapter

- **Adapter WWN**

  WWN of the host adapter

- **Principal Connector**

  Name of the OnCommand Insight connector that was the actual source of the data

- **Available Connectors**

  All OnCommand Insight connectors where the consolidated host / adapter reside

- **Insight ID**

  OnCommand Insight ID of the consolidated host/adapter for the relevant reporting connector

- **Insight Change Time**

  When an update has occurred in OnCommand Insight for the host/adapter and when the same host/adapter has been updated in other OnCommand Insight servers

6. To obtain detail about the connector, click on the connector.

   You can see the following information for the connector:

   - Host name
   - The last time a Data Warehouse job was run on that connector
   - The last time a change was received from that connector
   - The version of the OnCommand Insight server pointed to by that connector

Viewing storage arrays consolidation issues

The reported data for storage arrays is derived from the Inventory data mart. For all storage arrays, there is a row for each connector that reports on them, as well as the Primary Connector from which each array is taken.

Steps

1. Log in to the Data Warehouse Portal at `https://hostname/dwh`, where `hostname` is the name of the system where OnCommand Insight Data Warehouse is installed.
2. From the navigation pane on the left, click **Troubleshooting**.
3. In the **Chassis Consolidation** section, click **SAN Storage Arrays**.
4. Optionally, to filter data in this view, type a portion of the text in the Filter box and click **Filter**. To clear the

filter, delete the text in the Filter box and click **Filter**. You can filter by storage name, storage IP, vendor model, or OnCommand Insight object ID.

The filter is case sensitive.

5. Review the following data:
   - **GUID**

     Global Unique Identifier for this type of consolidated device (storage array)

   - **Name**

     Name of the consolidated storage array as it appears in the Data Warehouse

   - **IP**

     IP address of the consolidated storage array

   - **Vendor and Model**

     Name of the vendor who sells the consolidated storage array and the manufacturer's model number

   - **Principal Connector**

     Name of the OnCommand Insight connector that was the actual source of the data

   - **Available Connectors**

     All OnCommand Insight connectors where the consolidated storage array resides

   - **Insight ID**

     ID of the consolidated storage array on the OnCommand Insight chassis where the Principal Connector resides

   - **Insight Change Time**

     When an update has occurred in OnCommand Insight for the storage array and when the same storage array has been updated in other OnCommand Insight servers

Viewing switches consolidation issues

The reported data for switches is derived from the Inventory data mart. For all switches, there is a row for each connector that reports on them, as well as the Primary Connector from which each switch is taken.

Steps

1. Log in to the Data Warehouse Portal at `https://hostname/dwh`, where `hostname` is the name of the system where OnCommand Insight Data Warehouse is installed.
2. From the navigation pane on the left, click**Troubleshooting**.
3. In the **Chassis Consolidation** section, click **SAN Switches**.

4. Optionally, filter data in this view by typing a portion of the text and clicking **Filter**. To clear the filter, clear the Filter box and click **Filter**. You can filter by switch name, switch IP, vendor model, or OnCommand Insight object ID.

   The filter is case sensitive.

5. Review the following data:
   - **GUID**

     Global Unique Identifier for this type of consolidated device (storage array)

   - **Name**

     Name of the consolidated storage array as it appears in the data warehouse

   - **IP**

     IP address of the consolidated storage array

   - **Vendor and Model**

     Name of the vendor who sells the consolidated storage array and the manufacturer's model number

   - **WWN**

     WWN for the consolidation switch

   - **Principal Connector**

     Name of the OnCommand Insight connector that was the actual source of the data

   - **Available Connectors**

     All OnCommand Insight connectors where the consolidated storage array resides

   - **Insight ID**

     ID of the consolidated storage array on the OnCommand Insight chassis where the Principal Connector resides

   - **Insight Change Time**

     When an update has occurred in OnCommand Insight for the storage array and when the same storage array has been updated in other OnCommand Insight servers

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