Data Warehouse database build from history overview

OnCommand Insight

NetApp
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Data Warehouse database build from history overview

You can build the Data Warehouse database using historical data in your OnCommand Insight server. Data Warehouse extracts data from the OnCommand Insight servers and builds the Data Warehouse data marts according to the build from history schedule.

This option does not require a special license and inventory data is included in the build. However, to build capacity information, the OnCommand Insight Plan and OnCommand Insight Perform licenses are required.

If any build (from history or current) has already been performed, the build cannot be done on dates before the last job. This means if you perform a current build, you cannot build from history. More specifically, if you performed builds from history that ended on Jan 1, 2012, you cannot perform any build on the year 2011.

If the history build does not include a day or two of any unsuccessful ETL processes, do not try building history for just these few days. Historical data is for longer periods and a day or two is not going to change trending significantly. If you do want to rebuild from history, rebuild the entire history.

The Build from History view displays all build jobs from all connectors. For example, the view might display an inventory job for every connector, a port capacity job for every build run, and an annotations job.

Before you configure the Build from History, the following must occur:

- Connectors must be configured.
- Annotations should be entered in OnCommand Insight and can be manually updated using the **Force Update of Annotations for DWH option** in the old OnCommand Insight Portal or will be automatically updated 15 minutes after they are set.

Adding a job that builds a Data Warehouse database from history

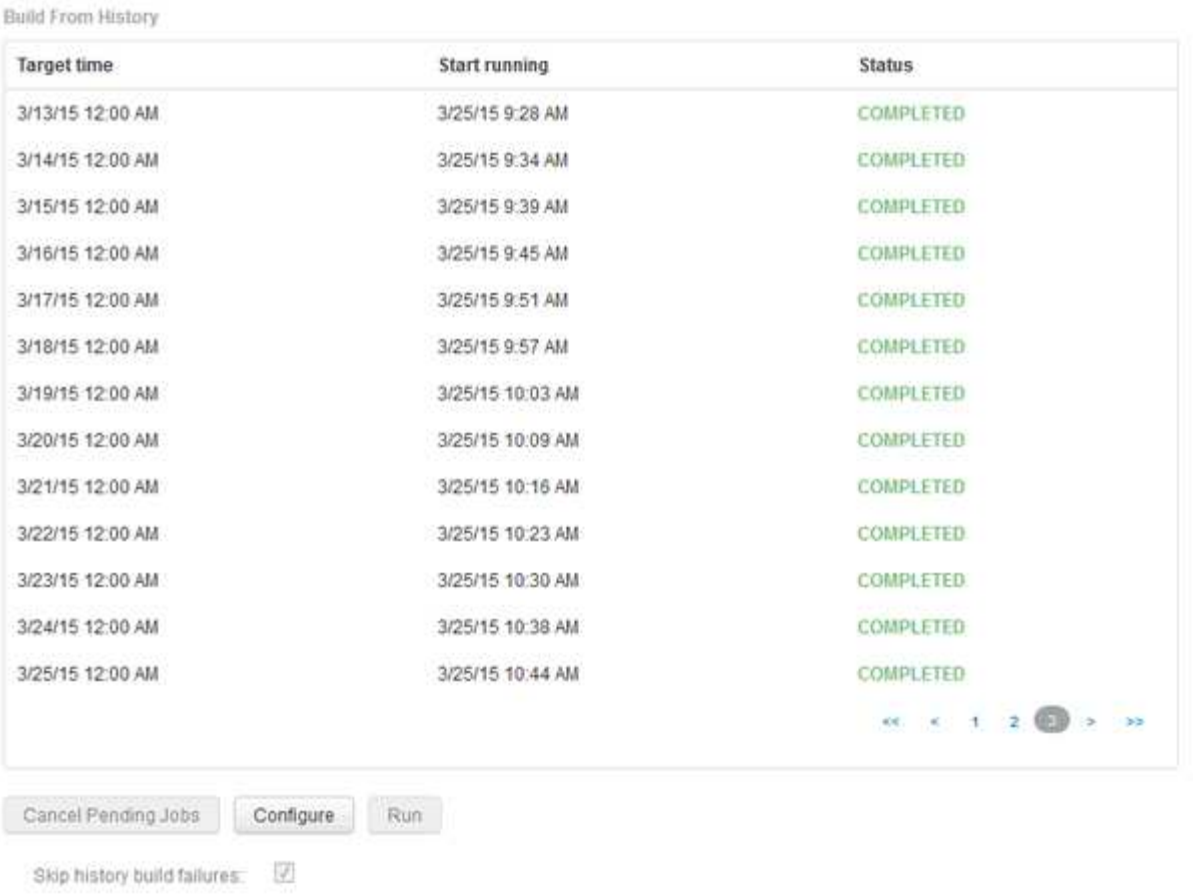
You can build the Data Warehouse database using historical data that is kept in your OnCommand Insight server, which enables you to run projection reports.

Before you begin

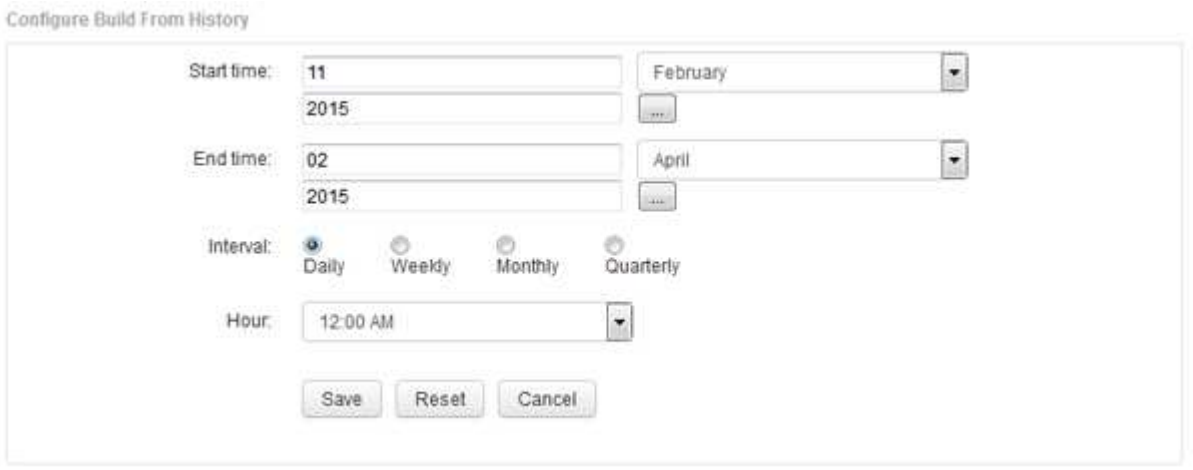
You must have updated annotations in the OnCommand Insight server and forced an update of annotation information for Data Warehouse.

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 **Build from History**.



3. Click **Configure**.



4. Enter the start and end times.

   To display a calendar from which you can select these dates, click the down arrow near the month name.

   The time format depends upon the locale of the Data Warehouse server.

   The start and end times must be within the range of history contained in all the OnCommand Insight servers to which Data Warehouse is connected, as set in the Data Warehouse portal Connectors option. The default start and end times reflect the maximum valid period. The Data Warehouse build job runs automatically at the time you specify.

Configuring a non-realistic schedule such as “Daily for 4 years” results in 1460 build cycles, which could take 10 days to complete.

5. Choose the interval.

   If you select a monthly or weekly interval, the Day field appears. If you selected monthly, then Day is a date. If you selected weekly, Day is Sunday through Saturday.

6. Choose the hour when the build will take place.
7. Optionally, to return the options to default settings, click **Reset**.
8. Click **Save**.
9. From the **Build from History** page, to perform a build outside of the automatic schedule build, click **Run**.

   The Target Time column displays the time that this entry was built. The Status column displays whether the build was completed or failed.

Canceling a build from history job

You can cancel all planned jobs. The job status becomes “Aborted”.

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 **Build from History**.
3. Click **Cancel**.

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