



Assigning annotations to assets using annotation rules

OnCommand Insight

NetApp
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Assigning annotations to assets using annotation rules

To automatically assign annotations to assets based on criteria that you define, you configure annotation rules. OnCommand Insight assigns the annotations to assets based on these rules. Insight also provides two default annotation rules, which you can modify to suit your needs or remove if you do not want to use them.

Default storage annotation rules

To expedite the assignment of storage annotations to your resources, OnCommand Insight includes 21 default annotation rules, which associate a tier level with a storage tier model. All of your storage resources are automatically associated with a tier upon acquisition of the assets in your environment.

The default annotation rules apply a tier annotations in the following way:

- Tier 1, storage quality tier

The Tier 1 annotation is applied to the following vendors and their specified families: EMC (Symmetrix), HDS (HDS9500V, HDS9900, HDS9900V, R600, R700, USP r, USP V), IBM (DS8000), NetApp (FAS6000 or FAS6200), and Violin (Memory).

- Tier 2, storage quality tier

The Tier 2 annotation is applied to the following vendors and their specified families: HP (3PAR StoreServ or EVA), EMC (CLARiON), HDS (AMS or D800), IBM (XIV), and NetApp (FAS3000, FAS3100, and FAS3200).

You can edit the default settings of these rules to match your tier requirements, or you can remove them if you do not need them.

Creating annotation rules

As an alternative to manually applying annotations to individual assets, you can automatically apply annotations to multiple assets using annotation rules. Annotations set manually on an individual asset pages take precedence over rule-based annotations when Insight evaluates the annotation rules.

Before you begin

You must have created a query for the annotation rule.

About this task

Although you can edit the annotation types while you are creating the rules, you should have defined the types ahead of time.

Steps

1. Log in to the OnCommand Insight web UI.
2. Click **Manage** and select **Annotation rules**.

The Annotation Rules page displays the list of existing annotation rules.

3. Click  .

The Add Rule dialog box displays.

4. Do the following:
 - a. In the **Name** box, enter a unique name that describes the rule.
This name will appear in the Annotation Rules page.
 - b. Click **Query** and select the query that OnCommand Insight should use to apply the annotation to assets.
 - c. Click **Annotation** and select the annotation you want to apply.
 - d. Click **Value** and select a value for the annotation.

For example, if you choose Birthday as the annotation, you specify a date for the value.

5. Click **Save**.
6. Click **Run all rules** if you want to run all the rules immediately; otherwise, the rules are run at a regularly scheduled interval.

Setting annotation rule precedence

By default, OnCommand Insight evaluates annotation rules sequentially; however, you can configure the order in which OnCommand Insight evaluates annotation rules if you want Insight to evaluate rules in a specific order.

Steps

1. Log in to the Insightweb UI.
2. Click **Manage** and select **Annotation rules**.

The Annotation Rules page displays the list of existing annotation rules.

3. Position your cursor over an annotation rule.

The precedence arrows appear to the right of the rule.

4. To move a rule up or down in the list, click the up arrow or the down arrow.

By default, new rules are added sequentially to the list of rules. Annotations set manually on an individual asset pages take precedence over rule-based annotations when Insight evaluates the annotation rules.

Modifying annotation rules

You can modify an annotation rule to change the rule's name, its annotation, the annotation's value, or the query associated with the rule.

Steps

1. Log in to the OnCommand Insightweb UI.
2. Click **Manage** and select **Annotation rules**.

The Annotation Rules page displays the list of existing annotation rules.

3. Locate the rule that you want to modify:
 - On the Annotation Rules page, you can filter the annotation rules by entering a value in the filter box.
 - Click a page number to browse through the annotation rules by page if there are more rules than fit on a page.
4. Perform one of the following to display the **Edit Rule** dialog box:
 - If you are on the Annotation Rules page, position your cursor over the annotation rule and click .
 - If you are on an asset page, position your cursor over the annotation associated with the rule, position your cursor over the rule name when it displays, and then click the rule name.
5. Make the required changes and click **Save**.

Deleting annotation rules

You can delete an annotation rule when the rule is no longer required to monitor the objects in your network.

Steps

1. Log in to the OnCommand Insightweb UI.
2. Click **Manage**, and select **Annotation rules**.

The Annotation Rules page displays the list of existing annotation rules.

3. Locate the rule that you want to delete:
 - On the Annotation Rules page, you can filter the annotation rules by entering a value in the filter box.
 - Click a page number to browse through the annotation rules by page if there are more rules than fit on a single page.
4. Point the cursor over the rule that you want to delete, and then click .

A confirmation message is displayed, prompting whether you want to delete the rule.

5. Click **OK**.

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