HP Propel

Software Version: 1.01
CentOS Operating System

Catalog Aggregation Help

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HP Propel Catalog Aggregation

Concepts

HP Propel allows IT departments to offer their services in an online shopping experience, similar to what users experience today at popular online retailers. Users may select from a variety of service providers, giving back IT a level of control over the computing environment while allowing their consumers to choose from a wide variety of sources.

Companies that currently use HP Cloud Service Automation (CSA) and HP Service Manager (SM) will find HP Propel to be a useful extension of their current environment. HP Propel directly accesses the cataloging functions currently available in HP CSA and HP SM.

HP Propel provides adapters that communicate directly with HP CSA and HP SM so that you can aggregate their offerings of products and services into catalogs, which are then available in HP Propel.

Tasks

Use the Aggregation tile in the HP Propel Management Console to create and aggregate catalogs from HP CSA and HP SM.

First, you add an adapter so that HP Propel communicates with either HP CSA or HP SM and its cataloging functions.

After the adapter is created, you can aggregate the adapter so that the service and product offerings from HP CSA or HP SM are made available in an aggregated catalog. The catalog and its offerings are then available in HP Propel and specific organizations can have access to the offerings.

Important Note: You must load the HP Propel web service into HP Service Manager before attempting to aggregate a catalog. For more information, see "Importing Web Services into HP Service Manager" on page 6

You can perform the following tasks from the HP Propel Management Console Aggregation tile:

- Add an Adapter

- Create a New Aggregated Catalog

Add an Adapter

HP Propel Catalog Aggregation provides the HP CSA and HP SM adapters as available types of default adapters. You can add an adapter of either the HP CSA or HP SM type by using the following procedure:

1. Log in to the HP Propel Management Console, and then click the **Aggregation** tile. The Available Adapters list is displayed.

2. To add an adapter, click **Add Adapter**. The Add Adapter window opens.

3. Select the Adapter Type you want to add (HP CSA or HP SM).

4. Add the Hostname, User, and Password.

5. Most of the Adapter Properties are preset, however, you must edit the following properties:
   - *Required for HP CSA and HP SM*: Initially, provide a password to the central-password field (for the central-user).

   - *Required for HP CSA only*: Initially, provide a user name for the csa-user field.

   - *Optional for HP SM only*: You can also edit fields such as service-catalog-language, service-manager-default-currency-code, service-manager-host-protocol, and service-manager-port,

6. When you finish, click **Save**. The new adapter appears in the Available Adapters list.

Create a New Aggregated Catalog

After you add an adapter, you can aggregate the adapter and create a new catalog, which will populate the catalog's offerings with new products and services in HP Propel.

1. From the HP Propel Management Console, click the **Aggregation** tile. The Available Adapters window opens.

2. Select the adapter from which you want to create an aggregated catalog, and click **Create**. The Available Catalogs window opens, showing which catalogs are available to aggregate.

3. For the catalog you want to aggregate, enter the name of the Destination Catalog, and then select the associated Destination Organization from the list. When you are finished, click **Aggregate**. The Aggregate button turns from green to gray, and a Pending status appears.

4. Click the **Refresh** icon in the Available Adapters window to verify that aggregation is complete. Aggregation is complete when the Status is AGGREGATED.

5. After aggregation has completed, to view a newly created catalog and its offerings, navigate to Catalogs. Next, select the catalog you created and then click the Offerings tab. Notice that in Offerings, the items from the newly added catalog appear as new choices for the consumer. The next time you log in to the HP Propel Marketplace Portal, the newly added catalog items appear as choices in the New Releases view.

Best Practices

- Editing Required and Optional Properties: Properties that are listed in each adapter are unique and specific to each adapter. Most of the default properties you will need are preset to an ideal setting. Also note that some fields in properties are required, while others are optional. You can delete a non-required field, while you cannot delete a required field.

- Hidden Information: Clicking **Secure Field Contents** in the Add Adapter window will protect and encrypt the field data, making the information hidden from consumers. The password field is an ideal example of how this feature should be used.

- Deleting Catalogs: The **Delete** button that appears on each adapter removes the record of that particular catalog being added. It does not delete the offerings in the catalog itself.

Importing Web Services into HP Service Manager

Concepts

The HP Propel Service Manager adapter uses the following web service import procedure to pull selected web services into HP Service Manager prior to aggregation. This process is especially useful for those who want to export web services from an HP Service Manager instance into HP Propel, and then to import those same web services into a separate instance of HP Service Manager. You must load the HP Propel web service into HP Service Manager before attempting to aggregate a catalog.

Tasks

You can perform the following web services tasks:

- Import Web Services into Service Manager

- Verify Success of Web Services Import

Import Web Services into HP Service Manager

You can import web services into HP Service Manager (SM). An out-of-the-box web service is provided with HP Propel.

To import web services into HP SM:

1. Transfer the `HPPropelAggregation.unl` web service file from the HP Propel Portal virtual machine (VM) to the HP SM system. This file is located in the `/opt/hp/propel/jboss-as/standalone/deployments/aggregation.war/WEB-INF/classes/sm-webservice` directory on the HP Propel Portal VM.

2. Start HP SM, and in the HP SM left pane, navigate to **System Administration** -> **Ongoing Maintenance** -> **Unload Manager** -> **Apply Unload**. The Unload Manager window is displayed.

3. In the **Unload File** field, browse to the `HPPropelAggregation.unl` web service file.

4. In the **Backup To** field, type a name for the file to be stored as a backup, (This can be any name you choose.)

5. Click **Next**, and in the dialog that appears for applying the unload file, click **Yes**. A message appears confirming that the import was successful. The message text is: "Hotfix was successfully applied."

6. Click **Finish**.

Verify Success of Web Services Import

You can verify the success of your web services import into HP SM by performing the following steps:

1. In HP SM, navigate to the Tailoring menu, Web Services–>Web Service Configuration.

2. Run a Search on: Service Name: HPPropelAggregation Name: joinsvcdisplay _____ Object Name: HPPropelCatalogItem

3. In the search results, the HPPropelAggregation web service appears in the External Access Definition window with a list of associated fields.

Best Practices

Importing Web Services: You must load the HP Propel web service into HP Service Manager before attempting to aggregate a catalog.