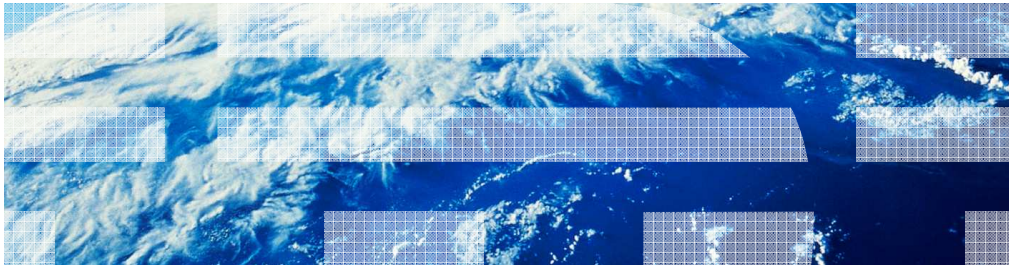IBM

IBM Tivoli Service Automation Manager V7.2.2

Running a virtual center discovery

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In this training module, you learn how to run a virtual center discovery from the Tivoli®
Service Automation Manager administration user interface for version 7.2.1 and for
version 7.2.2

Objectives

When you complete this training module, you can accomplish these tasks:

- Run a virtual center discovery in Tivoli Service Automation Manager V7.2.1
- Run a virtual center discovery in Tivoli Service Automation Manager V7.2.2

Running a virtual center discovery

When you complete this training module, you can accomplish these tasks:

- run a virtual center discovery in Tivoli Service Automation Manager V7.2.1

- run a virtual center discovery in Tivoli Service Automation Manager V7.2.2
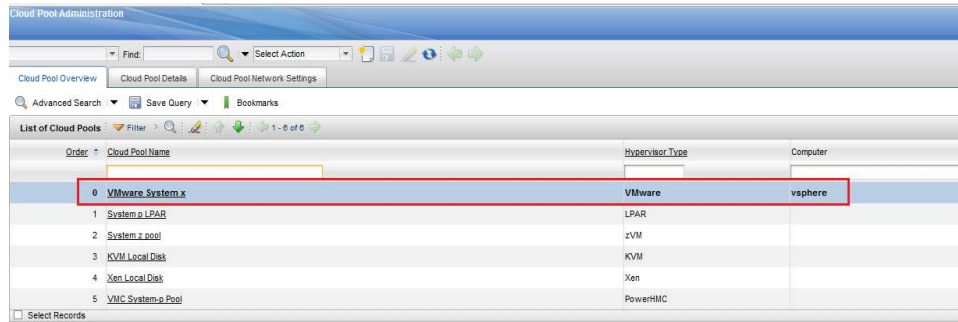
Cloud pool administration application

Virtual center discovery is run by using the Cloud Pool Administration application:

From Tivoli's process automation engine administration user interface:

Click **Go To** > **Service Automation** > **Cloud Pool Administration**

Press Enter and select **VMware System x Cloud Pool**

In Tivoli Service Automation Manager V7.2.1, use the Cloud Pool Administration application to run Virtual Center Discovery. Access the Cloud Pool Administration application from Tivoli's Process Automation Engine Administration User Interface.

The toolbar menu path is: **GoTo > Service Automation > Cloud Pool Administration**. When you are on the **Cloud Pool Administration** pane, click **Enter** on the **Cloud Pool Name** field. A list of available cloud pools is revealed. Select one of the VMware System X entries from the list.

V7.2.1 configure virtual center discovery

In the virtual center discovery section, click **Virtual Center Discovery**
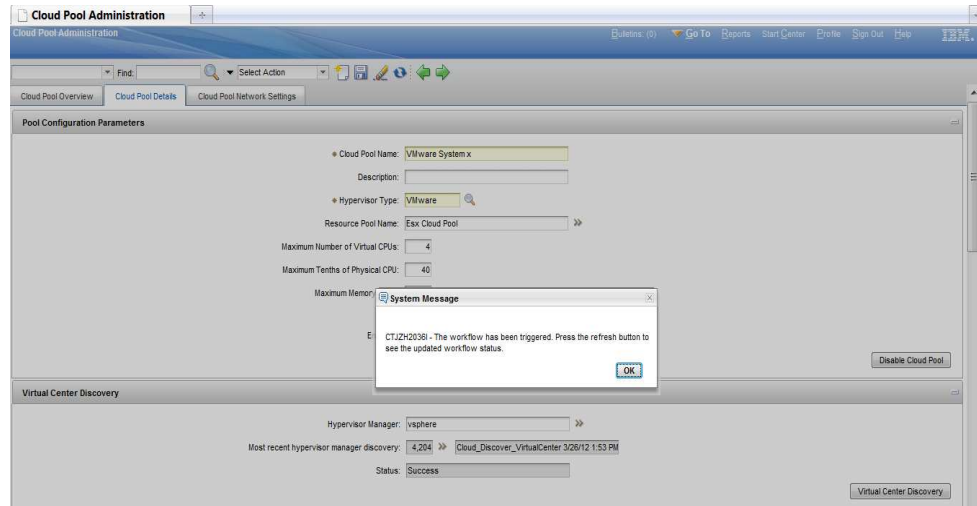

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When you are on the VMware System X cloud pool details page, click **Virtual Center Discovery**.

V7.2.1 start virtual center discovery

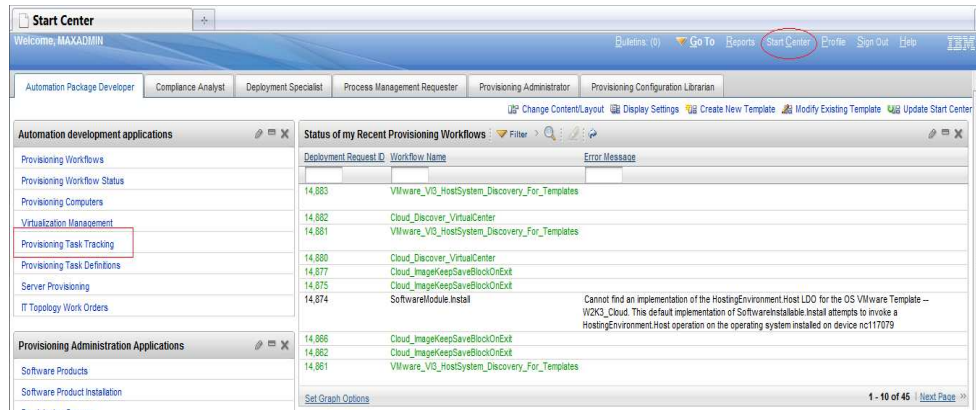When you click **Virtual Center Discovery**, a message window opens. Click **OK**.

After clicking the **Virtual Center Discovery** button you see a message window informing you that the workflow has started. Click **OK**.

Monitor with provisioning task tracking

Go to the **Start Center** and click **Provisioning Task Tracking** to monitor the workflow progress

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Return to the Administration User Interface Start Center screen. In order to monitor the progress of the workflow, click **Provisioning Task Tracking**.

Cloud_discover_virutal center in progress

Verify that the workflow Cloud_Discover_VirtualCenter is in progress.

Provisioning Task		Status	% Completed	Start Date ↓	Initiator	Type		
Cloud_Discover_VirtualCenter 5/18/12 4:59 PM		In Progress	0%	5/18/12 16:59:17	MAXADMIN	Provisioning Workflow		
Cloud_Discover_VirtualCenter 5/18/12 4:46 PM		Success	100%	5/18/12 16:46:32	MAXADMIN	Provisioning Workflow		
Run provisioning workflow Cloud_ImageKeepSaveBlockOnExit submitted at April 24, 2012 3:30:47 PM CEST		Success	100%	4/24/12 15:30:53	MAXADMIN	Provisioning Workflow		

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The Cloud_Discover_VirtualCenter workflow discovers all of the clusters that are defined in the vCenter. This workflow also discovers the information related to the data stores that create computer objects for each cluster. Confirm that the workflow Cloud_Discovery_VirtualCenter is in progress.

Monitor with Provisioning Task Tracking until the workflow completes. The Virtual Center Discovery attaches all clusters in a virtual center to the current resource pool. Here Tivoli Service Automation Manager becomes aligned with VCenter in terms of resources.
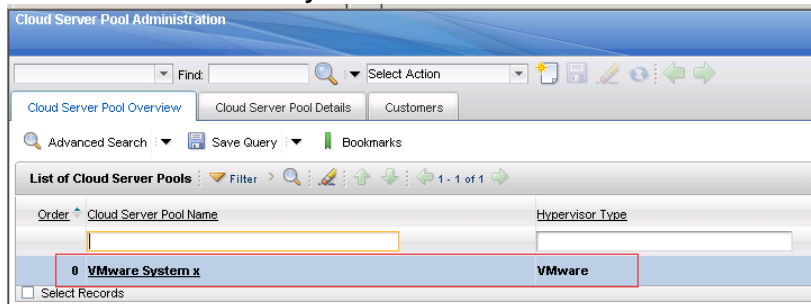
Configure V7.2.2 cloud server pool administration

In Tivoli Service Automation Manager V7.2.2, take a different path to run a Virtual Center Discovery.

You can use Cloud Server Pool Administration application to run the virtual center discovery.

From Tivoli's process automation engine administration UI:

▪ Click **Go To > Service Automation > Configuration > Cloud Server Pool Administration**

▪ Press Enter and select **VMware System x Cloud Server Pool**

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Run the Virtual Center Discovery through a different path in V7.2.2. Tivoli Service Automation Manager 7.2.2 uses the Cloud Server Pool Administration application to run a Virtual Center Discovery. You can reach the Cloud Server Pool Administration from Tivoli's Process Automation Engine Administration User Interface by selecting:
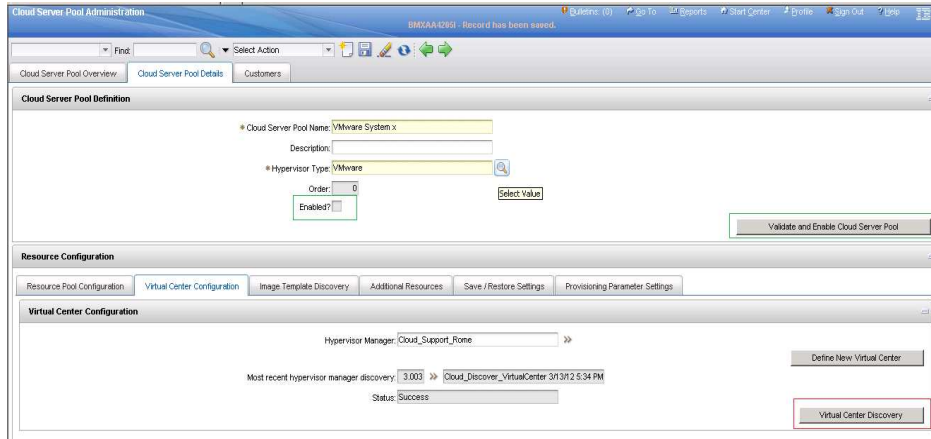
GoTo > Service Automation > Configuration > Cloud Server Pool Administration. When you are on the Cloud Server Pool Administration pane, click **Enter** on the **Cloud Server Pool Name** field. See the list of available cloud server pools. Select the **VMware System X** entry from the list of available cloud server pools.

Configure V7.2.2 cloud server pool administration

In **Resource Configuration**, select the **Virtual Center Configuration** tab:

- Ensure that the **Enabled** check box is not checked
- Click **Virtual Center Discovery**

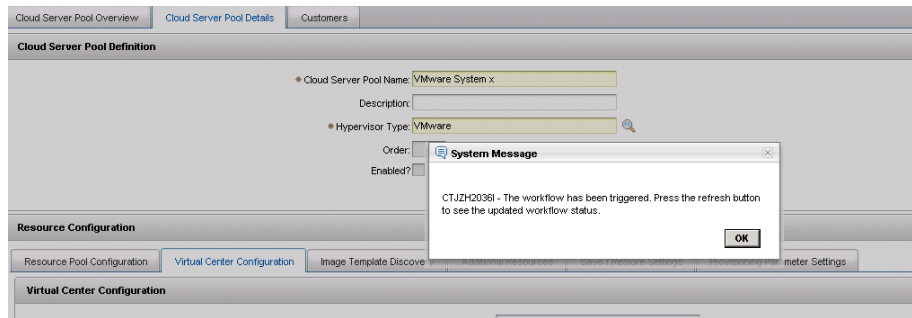10   Running a virtual center discovery   © 2012 IBM Corporation

Go to the **Virtual Center Configuration** tab in the **Resource Configuration** section. Ensure that the **Enabled** check box **in Cloud Server Pool** definition section is not checked before clicking **Virtual Center Discovery**. If it is checked you should first click **Disable Cloud Server Pool** to clear it.
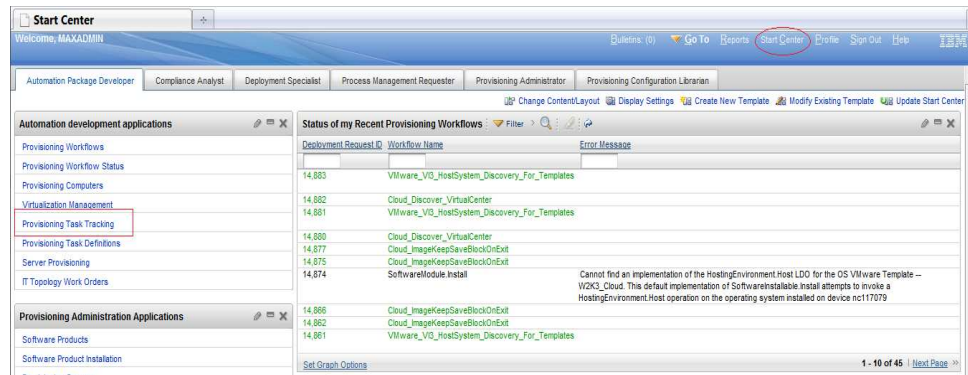
Start V7.2.2 virtual center discovery

Click **Virtual Center Discovery**. Verify receipt of a message that indicates that the workflow started. Click **OK**

Running a virtual center discovery

Click **Virtual Center Discovery**. A message window verifies that the workflow has started. Click **OK**.

Use V7.2.2 provisioning tracking

Go to the **Start Center**. Click **Provisioning Task Tracking**. Monitor the progress of the workflow.

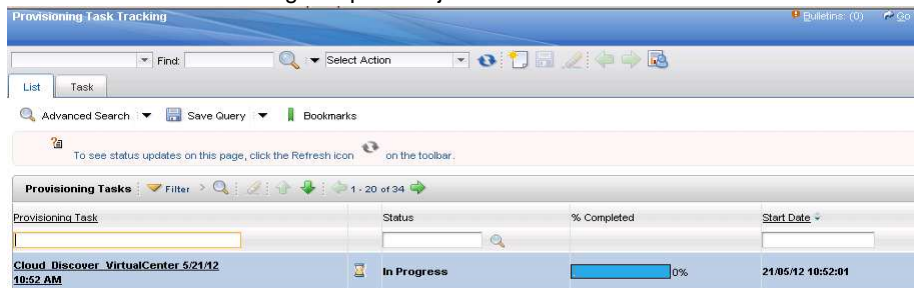Running a virtual center discovery   © 2012 IBM Corporation

In order to monitor the progress of the workflow, click **Provisioning Task Tracking** from the Administration User Interface Start Center.

Tracking V7.2.2 cloud discovery workflow progress

Workflow Cloud_Discover_VirtualCenter is in progress.

This Cloud_Discover_VirtualCenter workflow discovers:

- All clusters are defined in the vCenter

- Information related to the data stores

- Information related to creating computer objects for each cluster

Provisioning Task Tracking			Bulletins: (0)	Go To

Find: [ ] Select Action [▼]

List | Task

Advanced Search ▼ | Save Query ▼ | Bookmarks

To see status updates on this page, click the Refresh icon on the toolbar.

Provisioning Tasks ▼ Filter > 🔍 | 1 - 20 of 34

Provisioning Task	Status	% Completed	Start Date
Cloud_Discover_VirtualCenter 5/21/12 10:52 AM	In Progress	0%	21/05/12 10:52:01

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Verify that the workflow Cloud Discovery Virtual Center is in progress.
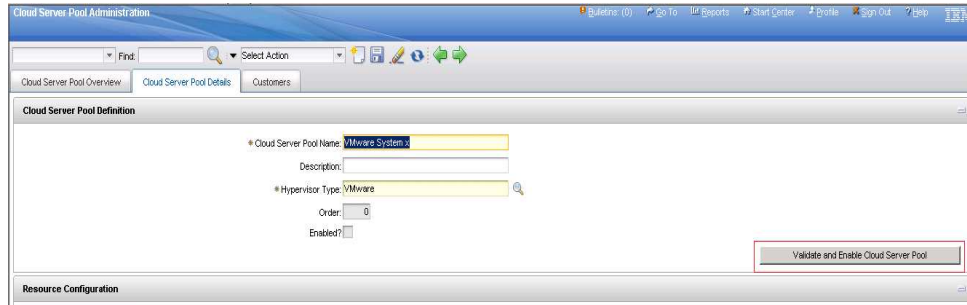
Monitoring with V7.2.2 provisioning task tracking

Wait for the Cloud_Discover_VirtualCenter workflow to complete

Monitor Provisioning Task Tracking until the workflow completes. The Virtual Center Discovery attaches all clusters in a virtual center to the current resource pool. This aligns Tivoli Service Automation Manager with VCenter resources.
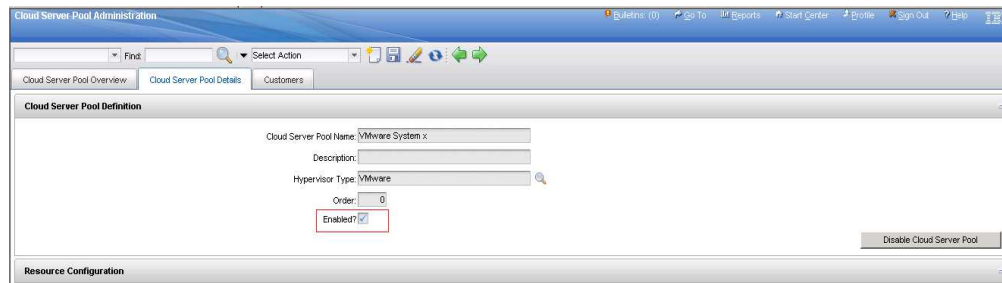
Run V7.2.2 virtual center discovery

Remember to enable the cloud server pool again by clicking **Validate and Enable Cloud Server Pool** in the cloud server pool administration panel

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Run the Virtual Center Discovery. Do not forget to again enable the Cloud Server Pool. Go to the Cloud Server Pool Administration pane. Click **Validate and Enable Cloud Server Pool**.

Validate and enable V7.2.2 cloud server pool

Click **Validate and Enable Cloud Server Pool** in the cloud server pool administration panel. Select the **Enabled** check box

Running a virtual center discovery

Select the **Enabled** check box again.

Summary

Now that you finished this training module, you can accomplish these tasks:

- Run a virtual center discovery in Tivoli Service Automation Manager V7.2.1
- Run a virtual center discovery in Tivoli Service Automation Manager V7.2.2

Running a virtual center discovery

Now that you finished this training module, you can accomplish these tasks:

- Run a virtual center discovery in Tivoli Service Automation Manager V7.2.1

- Run a virtual center discovery in Tivoli Service Automation Manager V7.2.2

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