

Spotlight on

Installing and Configuring Cloud Manager



PeopleSoft Cloud Manager Spotlight Series

This is the first segment in the PeopleSoft Cloud Manager Spotlight Series. The segments are:

- **Installing and Configuring Cloud Manager**
- Provisioning and Managing Environments
- Using Orchestration Manager

You can watch them in order or individually depending on where you are in your Cloud Manager implementation.



PeopleSoft Cloud Manager is an orchestration tool to provision and manage PeopleSoft environments on Oracle Cloud Infrastructure (OCI).

This video discusses installing and configuring PeopleSoft Cloud Manager on Oracle Cloud Infrastructure.

Check out the Spotlight Series page on the PeopleSoft Information Portal for other videos in the series.

This PeopleSoft Spotlight Series for Cloud Manager is based on Image 18.

Installing and Configuring Cloud Manager - Topics

1. Preparation
2. Installing the Resource Manager Stack
3. Configuring Cloud Manager
 - Cloud Manager Settings
 - Infrastructure Settings
 - Creating a File Storage Service File System
4. Subscribing to Repository Channels
5. Updating and Upgrading Cloud Manager
6. Additional Resources



We will begin by reviewing the installation requirements. We will describe the two types of keys needed.

We will create a vault in the OCI console to hold the necessary passwords.

Then we will use a Resource Manager stack to install the Cloud Manager instance in the OCI console. The deployment gives you the option to create a Virtual Cloud Network, or VCN, and a bastion host for accessing internal subnet, or you can use an existing VCN.

After we determine that the installation is complete, we configure Cloud Manager settings, and create a File Storage service file system for the repository.

Then we can subscribe to channels to download the artifacts we need.

We finish with an overview of updating and upgrading Cloud Manager, and a list of additional resources.

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5. Update and Upgrade Cloud Manager
6. Additional Resources



To prepare for the installation, review the requirements for Installing Cloud Manager in Oracle Cloud Infrastructure.

Preparing for Installation

Requirements

- Oracle Cloud Infrastructure account
 - Compartments, users, groups, policies
- Subscriptions for OCI services
 - Compute, File Storage, Resource Manager, Object Storage, OCI Marketplace
- Sufficient tenancy resources
 - VM shapes, Block Storage, File System, mount targets, network components
- Licenses
 - PeopleSoft, COBOL, Oracle Database

Preliminary setup

- Generate SSH key pair
- Generate API key pair
- Create vault and add passwords

Input

- My Oracle Support credentials
- User OCIDs
- OCI Vault
- Key information



You will need an Oracle Cloud Infrastructure account with administrative user access. The administrative user is responsible for setting up user accounts, groups, and compartments. The administrative user assigns policies, which enable users to perform necessary tasks.

The OCI account needs subscriptions to services including Compute, File Storage Service, Resource Manager, Object Storage, and access to the OCI Marketplace.

Your tenancy must have sufficient resources for entities such as VM shapes, block storage, file systems, mount targets, and network components. You can check on the resources in the OCI console by selecting Governance & Administration, then Limits, Quotas, and Usage.

Preparing for Installation

Requirements

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- Key information



To install and use **Cloud Manager**, you must generate an SSH key pair and an API key pair.

The SSH private and public key pair is used to provide secure shell connection to an instance.

You will input the public key when you fill out the form for the Resource Manager stack.

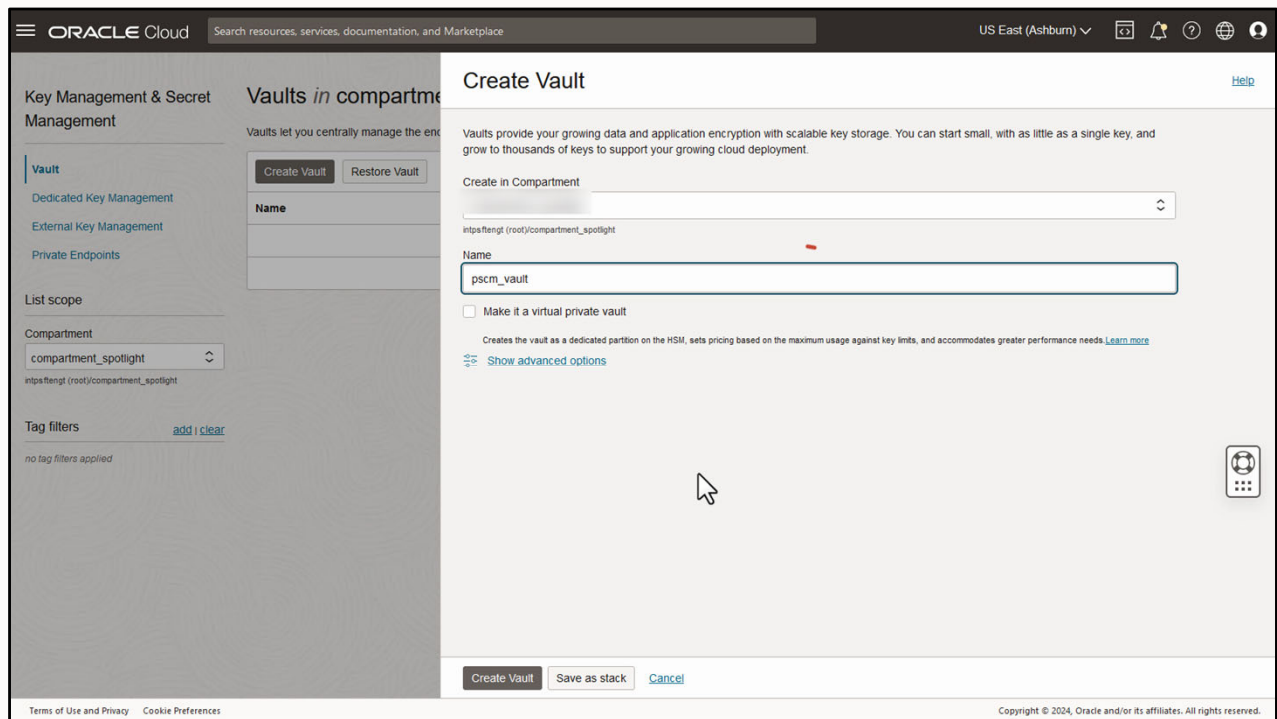
Use the private key for secure shell, or SSH, connection to the Cloud Manager Compute instance, for example, when you check the log file status.

In addition to the SSH key pair, you need an API signing key pair for authentication to OCI when Cloud Manager submits API requests.

The Cloud Manager installation requires a public and private RSA key pair in PEM format, with at least 2048 bits. You will enter the public API key on the page for the User in the OCI console.

You also enter it in the Resource Manager stack form.

The OCI documentation includes instructions on generating these key pairs.



You must use OCI Vault secrets to specify the passwords when using the Resource Manager stack to install PeopleSoft Cloud Manager.

OCI Vault is a secure password storage mechanism which you use to manage encryption keys and secrets. You input your passwords as secrets.

In the OCI console, select Identity and Security, then Vault, and click create Vault. Select the compartment and provide a vault name.

Then create a master encryption key.

Choose a protection mode and select an encryption key algorithm.

Create a vault secret to hold each password. Select the encryption key and enter the password text in the secret contents field. If you use the Plain-text template, you can select the Show Base64 conversion switch to view the encrypted version.

To see a list of the password requirements for the installation, see the tutorials [Install the PeopleSoft Cloud Manager Stack with Resource Manager](#) and [Create Vault Resources for Password Management for PeopleSoft Cloud Manager](#).

Preparing for Installation

Requirements

- Oracle Cloud Infrastructure account
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Preliminary setup

- Generate SSH key pair
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Input

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- User OCIDs
- OCI Vault
- Key information



You will need to provide user OCIDs, OCI vault, SSH and API keys during the installation.

You need a My Oracle Support account to download PeopleSoft images, PRPs, PeopleTools patches, and other items to the repository.

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Now you are ready to install Cloud Manager.

ORACLE Cloud Search resources, services, documentation, and Marketplace US East (Ashburn)

Marketplace > PeopleSoft Cloud Manager for OCI

PeopleSoft Cloud Manager for OCI

ORACLE
PeopleSoft

PeopleSoft Cloud Manager 18 for OCI with PT 8.61.03

PeopleSoft Cloud Manager provides easy to use platform administration capabilities, including provisioning automation and monitoring for PeopleSoft application environments.

Categories: Cloud Management

Type
Stack

Version
OCI_X86_64_PSFTC...

Compartment

☒ I have reviewed and accept the [Oracle standard Terms and Restrictions](#).

Launch Stack

Reminder: Patch the instance once installed.

Software price per OCPU
BYOL
(Bring your own license)
There are additional fees for the infrastructure usage

Overview Provider More apps Usage instructions

App by Oracle

Oracle PeopleSoft Cloud Manager is a web-based orchestration engine that automates provisioning and life cycle management of PeopleSoft environments on Oracle Cloud Infrastructure. Cloud Manager can subscribe to the latest updates, keeping your environment current with the latest PUM images and PRPs. It provides an intuitive user interface to define deployment topologies and templates that are repeatable environment blueprints used to deploy environments on-demand. Cloud Manager provides an ability to lift and shift on-premise environments, making migration to cloud much easier.

Related Documents

User Guides

[Terms of Use and Privacy](#) [Cookie Preferences](#)

Support

Contacts:
Support Hotline (1 800 223 1711)

Links:
[MyOracleSupport \(MOS\)](#)

Version Details

Version: 18
Release Date: Jul 17, 2024, 00:00 UTC

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Go to the OCI console, and select Marketplace > All Applications, and search for PeopleSoft Cloud Manager.

After selecting the compartment for the installation, and accepting the Oracle terms, click Launch Stack, which brings you to the Resource Manager form.

The screenshot shows the Oracle Cloud console interface for creating a stack. The top navigation bar includes the Oracle Cloud logo, a search bar, and the region 'US East (Ashburn)'. The main heading is 'Create stack', with a 'Help' link. A sidebar on the left shows three steps: '1 Stack information', '2 Configure variables' (which is the active step), and '3 Review'. The main content area is titled 'Cloud Manager Instance' and contains the following configuration fields:

- Availability Domain:** A dropdown menu with the text 'Select an option'.
- Shape:** A dropdown menu with the text 'Select an option'.
- Storage Volume Size in GBs:** A text input field containing the value '200'.
- Volume Attachment Type:** A dropdown menu with the text 'iscsi'.
- SSH Public Key:** A section with two radio buttons: 'Choose SSH key file' (selected) and 'Paste SSH key'. Below the radio buttons is a dashed box for file upload with the text 'Drop a file. Browse' and 'SSH public key (.pub) file only'.

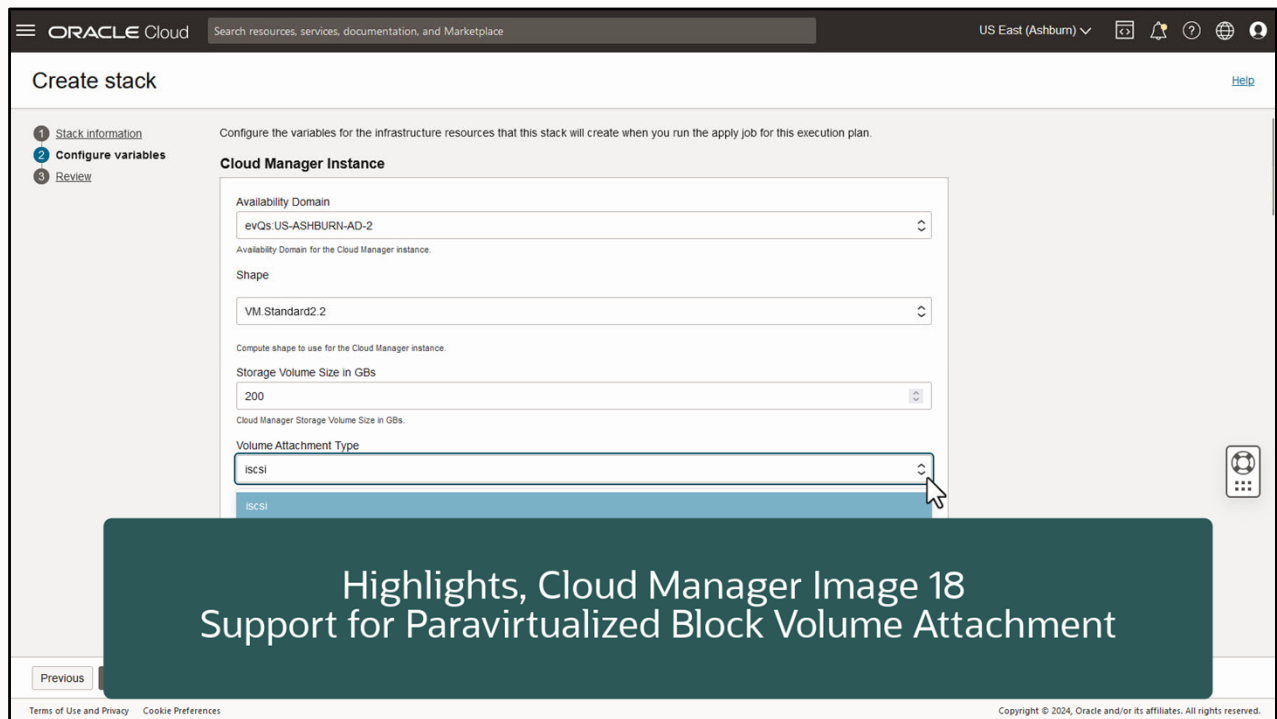
At the bottom of the form, there are three buttons: 'Previous', 'Next' (highlighted with a mouse cursor), and 'Cancel'. The footer contains 'Terms of Use and Privacy', 'Cookie Preferences', and a copyright notice: 'Copyright © 2024, Oracle and/or its affiliates. All rights reserved.'

We install Cloud Manger using a Resource Manager stack.

Resource Manager is an OCI service that allows you to specify infrastructure in a configuration file. The Resource Manager stack is a template that references the Cloud Manager image, and comes with a form where you input passwords, OCI credentials, and networking information.

Accept the default name, confirm the compartment, and then click Next.

We select an availability domain that has sufficient resources, a shape and volume size.



This image adds support for paravirtualized block volume attachments to the existing support for iSCSI.

Paravirtualized volume attachments are block volumes that have native operating system support and don't need an iSCSI initiator and attachment

The support for paravirtualized block volume attachments was described in the highlights video for Cloud Manager Image 18.

For the purposes of this demonstration, we select iSCSI.

The screenshot shows the Oracle Cloud 'Create stack' interface. The top navigation bar includes the Oracle Cloud logo, a search bar, and the region 'US East (Ashburn)'. The main heading is 'Create stack', with a 'Help' link. On the left, a sidebar shows three steps: '1 Stack information', '2 Configure variables' (which is active), and '3 Review'. The main content area is titled 'Cloud Manager Instance' and contains the following configuration fields:

- Availability Domain:** A dropdown menu showing 'evQs-US-ASHBURN-AD-2'.
- Shape:** A dropdown menu showing 'VM Standard2.2'.
- Storage Volume Size in GBs:** A text input field containing '200'.
- Volume Attachment Type:** A dropdown menu showing 'iscsi'.
- SSH Public Key:** A section with two radio buttons: 'Choose SSH key file' (selected) and 'Paste SSH key'. Below the radio buttons is a dashed box for file upload with the text 'Drop a file. Browse' and 'SSH public key (.pub) file only'.

At the bottom of the form, there are three buttons: 'Previous', 'Next', and 'Cancel'. The footer of the page contains 'Terms of Use and Privacy', 'Cookie Preferences', and a copyright notice: 'Copyright © 2024, Oracle and/or its affiliates. All rights reserved.'

Now paste in the SSH key you created as part of the preparation.
We also paste the text for our API private key, and its passphrase.

We choose our tenancy home region, and accept the default name for the Cloud Manager database.

To specify the password, select the vault we previously created, and then select the vault secret that contains each password.

For the purposes of this demonstration, we leave the My Oracle support user ID and password blank. We will enter them when we configure Cloud Manager. specify the password, select the vault we previously created, and then select the vault secret that contains each password.

The screenshot shows the 'Create stack' wizard in the Oracle Cloud console, specifically the 'Networking' section. The wizard has four steps: 1. Stack information, 2. Configure variables, 3. Review, and 4. Create. The 'Configure variables' step is currently active. The 'Networking' section contains several configuration options, all of which are checked by default:

- Cloud Manager Hostname:** A text field containing 'psftcm'. Below it, a note states: 'Hostname for the Cloud Manager instance. It must start with an alphanumeric character, followed by alphanumeric characters or hyphens.'
- Create Network Resources:** A checked checkbox. Below it, a note states: 'Create a Virtual Cloud Network with gateway, subnets, and security rules, in the same compartment as the Cloud Manager instance. (To select an existing Virtual Cloud Network, clear this option.)'
- Network Name:** A text field containing 'psftcm'. Below it, a note states: 'The name of the new Virtual Cloud Network (VCN) to create. It must start with a letter. It can have a maximum of 15 letters and numbers.'
- Create Private Subnets:** A checked checkbox. Below it, a note states: 'Create private subnets for Cloud Manager and the provisioned environments. (To create public subnets, clear this option.)'
- Create Subnets for PeopleSoft components:** A checked checkbox. Below it, a note states: 'Create subnets for use when provisioning environments in Cloud Manager.'
- Create a Bastion:** A checked checkbox. Below it, a note states: 'Create a bastion instance for connecting to the Cloud Manager instance. This is useful when the Cloud Manager instance is in a private subnet.'
- Bastion Name:** A text field containing 'cmbastion'. Below it, a note states: 'Name of the bastion instance. It must start with an alphanumeric character, followed by alphanumeric characters or hyphens.'
- Custom PIA FQDN:** An optional text field. Below it, a note states: 'Fully Qualified Domain Name for use in the PIA URL. If this value is not provided, the default FQDN will be used.'

At the bottom of the wizard, there are three buttons: 'Previous', 'Next', and 'Cancel'. The 'Next' button is highlighted. The footer of the page includes 'Terms of Use and Privacy', 'Cookie Preferences', and 'Copyright © 2024, Oracle and/or its affiliates. All rights reserved.'

The Cloud Manager installation requires a Virtual Cloud Network, or VCN, with subnets, gateways, route tables, and security lists.

The stack includes options to create a VCN, to select public or private subnets, and to create separate subnets for PeopleSoft components.

If you create a new VCN, you can view details about the networking components by expanding the advanced network section.

For this demonstration we will use an existing VCN.

We do not select the option to create a bastion. The bastion provides an authenticated user over the internet access into private subnets. For the purposes of this video we will use a previously-created bastion.

After you review the configuration, select Run apply to indicate that you want to begin the Resource Manager job immediately, then click Create.

You are taken to the details page for the Resource Manager stack.

The screenshot displays the Oracle Cloud Resource Manager (RMJ) interface. The top navigation bar includes the Oracle Cloud logo, a search bar, and the region 'US East (Ashburn)'. The breadcrumb trail indicates the path: Resource Manager > Stacks > Stack details > Job details. The main header shows the job ID 'ormjob20240725172916' and a large green 'RMJ' logo with the status 'SUCCEEDED'. Below this, there are buttons for 'Edit job', 'Download Terraform configuration', 'Download Terraform state', and 'Add tags'. The 'Job information' tab is active, showing details such as OCID, Job type (Apply), State (Succeeded), Start time, End time, and Upgrade provider versions. The 'Logs' section is expanded, showing the output of the Terraform initialization process, including the installation of the hashicorp/oci provider. The left sidebar contains links for 'Resources', 'Logs', 'Variables', 'Job resources', 'Outputs', and 'View state'. The footer includes 'Terms of Use and Privacy', 'Cookie Preferences', and a copyright notice for 2024.

Oracle Cloud

Search resources, services, documentation, and Marketplace

US East (Ashburn)

Resource Manager > Stacks > Stack details > Job details

ormjob20240725172916

Edit job Download Terraform configuration Download Terraform state Add tags

Job information Tags

OCID: ...aving Show Copy

Compartment: i

Job type: Apply

Plan job ID: Automatically approved

State: Succeeded

Working directory: Not specified

Start time: Thu, Jul 25, 2024, 17:29:16 UTC

End time: Thu, Jul 25, 2024, 17:30:18 UTC

Upgrade provider versions: No

Resources

Logs

Download logs Show timestamps

Getting providers from registry and/or custom terraform providers
Initializing modules...

Initializing provider plugins...

- Finding latest version of hashicorp/oci...
- Installing hashicorp/oci v6.4.0...
- Installed hashicorp/oci v6.4.0 (unauthenticated)

Terraform has created a lock file .terraform.lock.hcl to record the provider selections it made above. Include this file in your version control repository so that Terraform can guarantee to make the same selections by default when you run "terraform init" in the future.

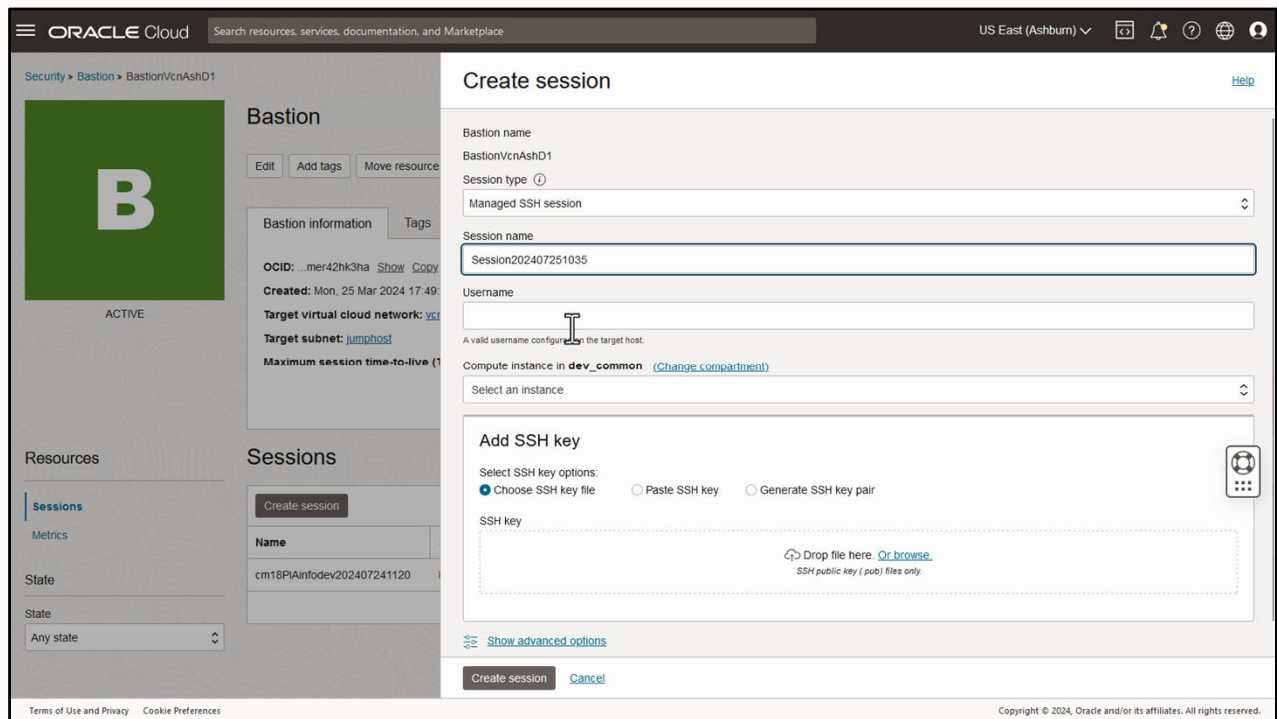
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The installation is not complete when the status shows as Succeeded.

The Resource Manager job has deployed our OCI resources, but the Cloud Manager installation is a separate step that is automatically started on our new OCI compute instance. To verify the Cloud Manager installation, we can view the installation logs on the instance.

We can use the information shown in the logs field on the stack details page to sign into the VM for the instance and check the deployment progress in the log file.



Because we set up the instance with private subnets and a bastion, we need to create a bastion session for SSH access to the instance.

Obtain the bastion name and use the OCI instructions to create a session for SSH access, which we did outside of this video.

Copy the SSH command and use it to log into the Cloud Manager instance. For this demonstration we used a Git Bash shell.

View the deployment progress in `/home/opc/bootstrap/CloudManagerStatus.log`.

When the deployment is complete, the log file displays the message “Cloud manager installed successfully,” and the PIA URL.

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 - **Cloud Manager Settings**
 - **Infrastructure Settings**
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Now we configure the Cloud Manager settings, Infrastructure Settings, and create a file system.

Cloud Manager Settings

Cloud Manager Settings

My Oracle Support(MOS) Credentials

PeopleSoft Cloud Manager enables you to download PeopleSoft Application Maintenance and PeopleTools Patches directly from MOS. To use MOS, you must create an Oracle Single SignOn (SSO) account and register at least one support identifier(SI) with MOS. Please ensure to enter the credentials of the registered account in this page. Use of MOS is subject to its terms of use and Oracle Private Policy. See [MOS Terms of use](#) and [Oracle Privacy Policy](#)

User ID

Password

Uri

Authorization Mechanism

PeopleSoft Credentials

> REST Services

> User Credentials

Lift & Shift Container

Container Name

Visual Cobol License

Version	License Type	License Value
1	Visual Cobol 6	Authorization code

Monitoring Services

Enabling this will monitor performance of the environment using PeopleSoft Health Center

Enable monitoring services ☐

Automatic Page Updates

Enabling this will automatically update pages to reflect status changes on the backend

Save Settings

To access PIA, we use another command from the bastion and enter it in the Git Bash window. We also change our browser settings to allow access.

Enter the PIA URL in a browser and select the Cloud Manager Settings tile.

Enter the user ID and password for a user with a My Oracle Support Account. We also could have done this when filling out the Resource Manager form.

You can choose between Basic Authentication or OAuth 2.0. We recommend OAuth 2.0.

If you want to provision environments with COBOL, you will use this section to specify the license information.

You can select Monitoring Services to enable performance monitoring of the environment using PeopleSoft Health Center.

Automatic Page Updates is enabled to reflect backend status changes without reloading pages.

Infrastructure Settings

Cloud Manager Settings

Infrastructure Settings

File Server

Manage Updates

Logs

Data Science Settings

AutoScale Settings

Recommendation Settings

Role Based Security

API Version: 20160918

Home Region: us-phoenix-1

Deployment Region: us-ashburn-1

Object Storage - Bucket

Bucket Name: cm_default_storage

Operating System Images

Linux Image

Marketplace Image: ☒

Image Version: OCI_X86_64_PSFTBASE_OL_8.7_01

Image OCID: ocid1.image.oc1..aaaaaaa3jcy7uwcq7mwska4327ewja4vjqu5irs

Image Name

Windows Image

Image OCID: aaaaaqklqqoukimxyaha2v5mamv5recjop6lswwzeacsephj2agm5a

Image Name

Standby Region

Submit

Oracle Cloud Infrastructure Documentation, All Images
<https://docs.oracle.com/en-us/iaas/images>

On the Infrastructure Settings page, the information at the top came from the entries on the Resource Manager stack form and from the OCI account.

In the operating systems area, select a Marketplace image for Linux. This Linux image will be used for the provisioned environments.

The Microsoft Windows image will be used to host PeopleSoft client tools such as Change Assistant and Application Designer in your provisioned environments.

Specify the OCID for one of the Microsoft Windows versions that is supported for your PeopleTools release.

You can find the OCIDs for Oracle platform images for Microsoft Windows in the OCI online help.

You can also use custom Linux and Windows images. For the purposes of this demonstration we are using a custom Windows image.

Infrastructure Settings

Cloud Manager Settings

Infrastructure Settings

File Server

Manage Updates

Logs

Data Science Settings

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Recommendation Settings

Role Based Security

API Version: 20160918

Home Region: us-phoenix-1

Deployment Region: us-ashburn-1

Object Storage - Bucket

Bucket Name: cm_default_storage

Operating System Images

Linux Image

Marketplace Image: ☒

Image Version: OCL_X86_64_PSFTBASE_OL_8.7_01

Image OCID: ocid1.image.oc1..aaaaaaa3jcy7uwcq7mwska4327ewja4vjqu5irs

Image Name:

Windows Image

Image OCID: aaaaaqklqqoukimxyaha2v5mamv5recjop6lswwzeacsephj2agm5a

Image Name:

Notifications

Enable External Notification: ☐

Notification Topic OCID:

OCI Metadata Refresh Across Region

Enable Disaster recovery: ☐

Standby Region:

Submit

The Notifications setting allows users to receive email notifications. The Cloud Manager administrator must set up a Notification topic and specified user emails in the OCI console.

The OCI metadata setting is used with disaster recovery.

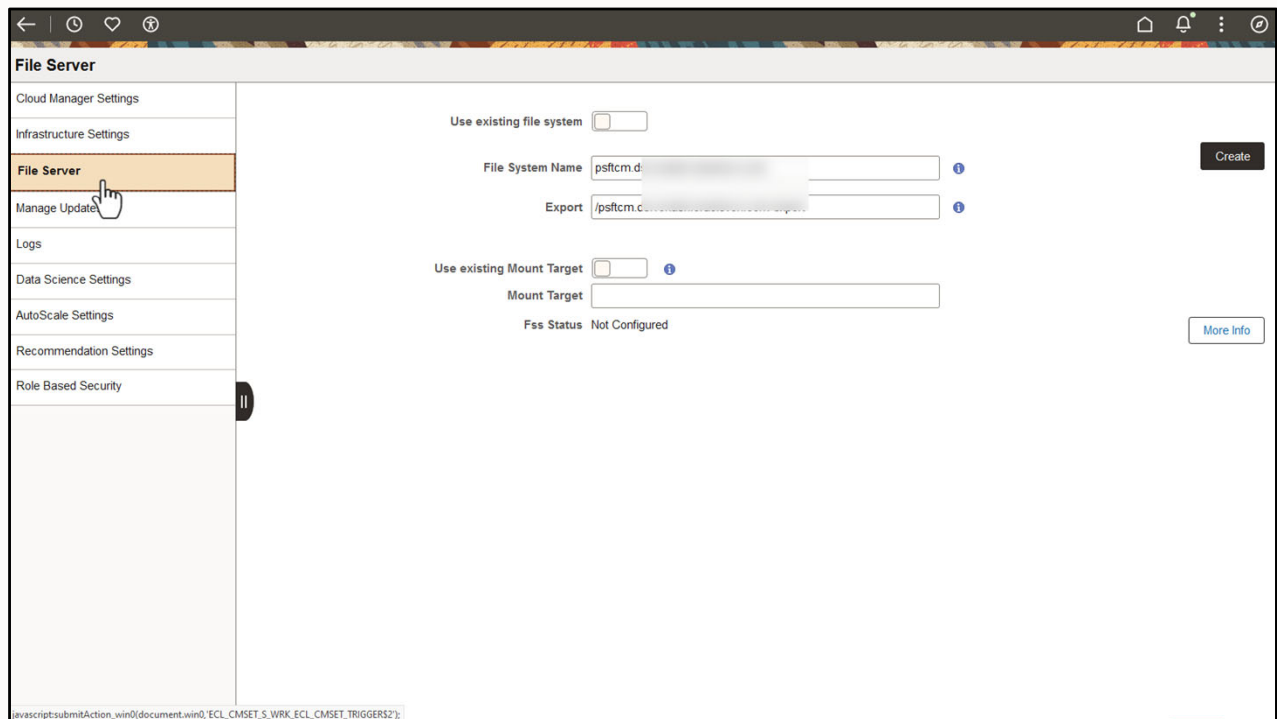
Set up Disaster Recovery to replicate an application instance in another region to ensure higher availability of the instance through switchover.

See OCI Disaster Recovery Service Support in the Image 16 highlights video

We don't change either setting.

Save the page, and then refresh the OCI metadata.

After refreshing the page and waiting a few minutes, the green check marks indicate that the data has been refreshed.



Next we set up a file server to use with the Repository to automatically download and store updates from My Oracle Support.

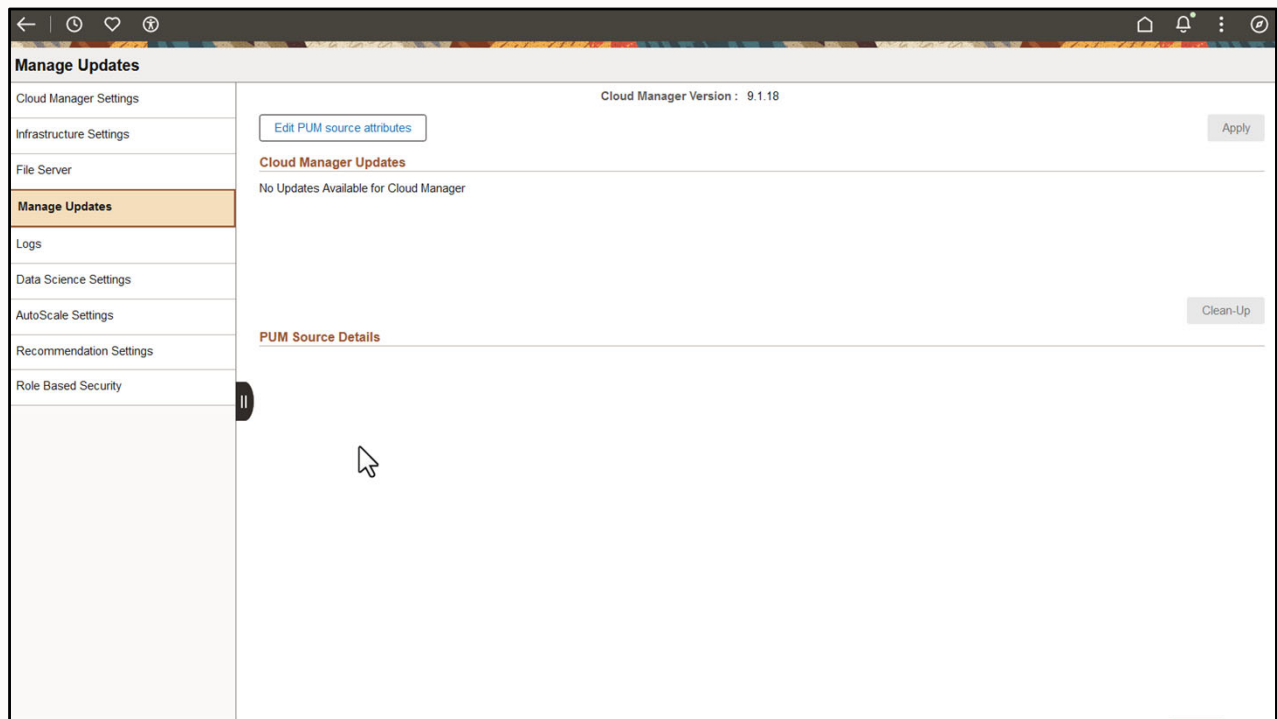
The file system page has options to allow you to create a new file system and new mount target, a new file system on an existing mount target, or reuse an existing file system.

For the purposes of this demonstration we create a new file system using an existing mount point.

We accept the default names, which are based on the Cloud Manager instance name and domain.

Click Create.

Click More Info to review the status of the steps to create and mount the file system. When the file system is ready after a few minutes, the status changes to FSS configured.



Let's review some of the features for working with the Cloud Manager instance. Use the Manage Updates page to apply updates for the Cloud Manager instance, which are available through PeopleSoft Release Patchsets, or PRPs, and through the Interaction Hub Update Image.

Data Science Settings

User needs to set all the editable values as shown. These settings will be used during data upload of environment metrics into object store, running of OCI Job for model training for model generation and model deployment.

13 rows

1	Compartment	<input type="text"/>	?
2	Data Science Project OCID	<input type="text"/>	?
3	Job Name	CM_MODEL_TRAINING	?
4	Log OCID	<input type="text"/>	?
5	Conda Env Slug	generalml_p38_cpu_v1	?
6	Conda Inference Path	oci://service-conda-packs@id19sfcrabz/se	?
7	Data Source Bucket Name	<input type="text"/>	?
8	Model Deployment VM Shape	<input type="text"/>	?
9	Model Deployment number of instance	1	?
10	Model Deployment Load Balancer Bandwidth	<input type="text"/>	?
11	Job Run VM Shape	<input type="text"/>	?
12	Job Run Block Storage Size GB	200	?
13	Data retention period in bucket in month(s)	4	?

Update

In case there are any problems when working with the Cloud Manager setup, you can check the Logs page.

The values on the Data Science Settings page are required for the Auto Scaling feature.

Use the settings on the Auto Scale page to control the duration of notifications for monitoring and scaling.

Use the options on the Recommendation Settings page to enable recommendations for midtier scaling and infrastructure CPU. Receiving recommendations works only for environments with tags.

Use the Role Based Security page to delegate access, using PeopleSoft roles and permissions, to a group of users on environments that are logically grouped using tags.

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To get ready to provision environments, we need to set up the repository.

Channel Name	Description	Status	Latest Updates	Product	Release	Platform	Source
CRM_92_Linux	PeopleSoft CRM 9.2 Linux	Download	0	CRM	9.2	Linux	MOS
CRM_92_Windows	PeopleSoft CRM 9.2 Windows	Download	0	CRM	9.2	Windows	MOS
CS_92_Linux	PeopleSoft CS 9.2 Linux	Download	0	CS	9.2	Linux	MOS
CS_92_Windows	PeopleSoft CS 9.2 Windows	Download	0	CS	9.2	Windows	MOS
ELM_92_Linux	PeopleSoft ELM 9.2 Linux	Download	0	ELM	9.2	Linux	MOS
ELM_92_Windows	PeopleSoft ELM 9.2 Windows	Download	0	ELM	9.2	Windows	MOS
FSCM_92_Linux	PeopleSoft FSCM 9.2 Linux	Download	0	FSCM	9.2	Linux	MOS
FSCM_92_Windows	PeopleSoft FSCM 9.2 Windows	Download	0	FSCM	9.2	Windows	MOS
HCM_92_Linux	PeopleSoft HCM 9.2 Linux	Download	0	HCM	9.2	Linux	MOS
HCM_92_Windows	PeopleSoft HCM 9.2 Windows	Download	0	HCM	9.2	Windows	MOS
IH_91_Linux	PeopleSoft IH 9.1 Linux	Download	0	IH	9.1	Linux	MOS
IH_91_Windows	PeopleSoft IH 9.1 Windows	Download	0	IH	9.1	Windows	MOS
Tools_855_Linux	PeopleSoft PeopleTools 8.55 Linux	Download	0	Tools	8.55	Linux	MOS
Tools_856_Linux	PeopleSoft PeopleTools 8.56 Linux	Download	0	Tools	8.56	Linux	MOS
Tools_857_Linux	PeopleSoft PeopleTools 8.57 Linux	Download	0	Tools	8.57	Linux	MOS

Use the repository to choose the types of artifacts to download from My Oracle Support into the Cloud Manager Repository. The items you can download include PeopleSoft Update images, PeopleTools patches, PRPs, custom scripts, and other objects.

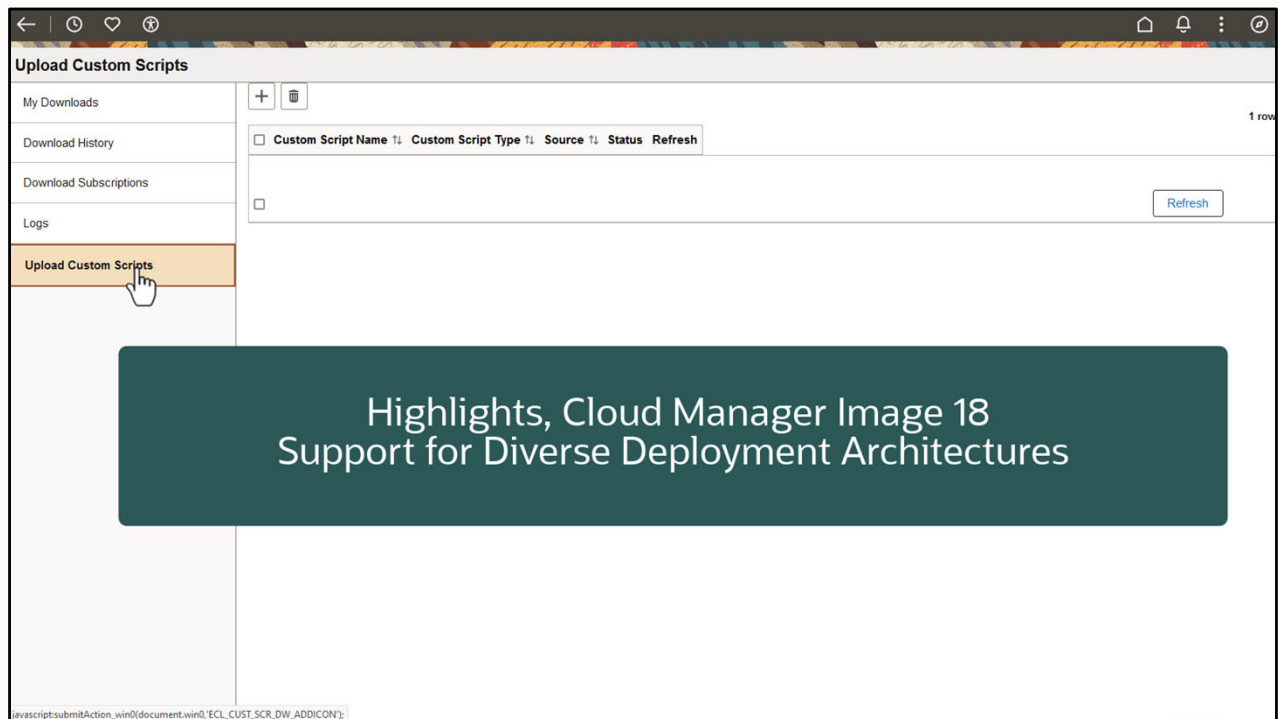
Go to Repository, Download Subscriptions.

The Unsubscribed page lists the available channels. Subscribe to channels for Interaction Hub, which is required for Cloud Manager self-updates, and to HCM.

Subscribe to PeopleTools 8.61, and do not enter a minimum product patch number. This will download only the latest PeopleTools 8.61 patches from My Oracle Support.

Go to the Logs page to follow the progress.

When the icons for the channels display a green check mark, you can view the Update Images, PRPs, and any other artifacts downloaded on the My Downloads page.



The Using Orchestration Manager video later in this series demonstrates using the Upload Custom Scripts page.

This is also covered in Support for Diverse Deployment Architectures in the Image 18 highlights video.

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6. Additional Resources

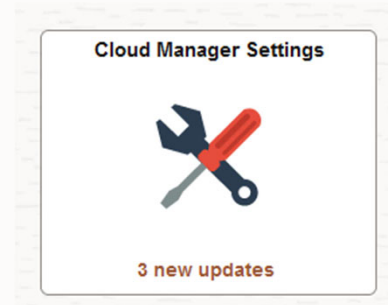


Updating and upgrading Cloud Manager was covered in the spotlight video, Keeping Cloud Manager Current, which was part of the series developed for Cloud Manager Image 11. This topic briefly discusses the differences since that spotlight video was posted.

Updating and Upgrading Cloud Manager

Overview

- Automatically apply updates using Manage Updates
 - Apply PRPs
 - Upgrade to latest Cloud Manager Image
- Manually upgrade from N-2 or N-3 to the latest image
- Upgrade using the command line utility



Cloud Manager updates are provided as part of Interaction Hub Update Images. Updates can be applied using an automated method or manually. When updates are available a notification appears on the Cloud Manager Settings tile.

Manage Updates

Cloud Manager Settings

Infrastructure Settings

File Server

Manage Updates (3)

Logs

Data Science Settings

AutoScale Settings

Recommendation Settings

Cloud Manager Version : 9.1.17

Edit PUM source attributes

Apply

Cloud Manager Updates

New Update Image 18 along with updates below are ready to apply.

This update requires Peopletools version: 8.61.03. As part of this update process, the current Peopletools version 8.60.09 will be upgraded to Peopletools 8.61.03 or above.

The PeopleTools update or upgrade step will stop the Cloud Manager and hence the Manage Updates page will not be accessible. If there are errors during PeopleTools update or upgrade, they have to be resolved manually.

Status of the update or upgrade can be monitored on Cloud Manager instance using command line utility. Please click on the Info button at any time for command line utility options.

Patch	Type	Name	Release	Version	Platform	Patch Size
UPD-CDM: CM18 PRE-PATCH FIX	MOS - PRP	IH	9.1	18	Generic	1.02 MB
UPD-CDM: ELK IMPORT STUCK IN IMPORTINGMULTIPLETIER STATE	MOS - PRP	IH	9.1	18	Generic	20.92 MB

Clean-Up

PUM Source Details

Automatic updates using the Manage Updates page was demonstrated in the previous spotlight series. One change on the page is that the Package Details link is no longer shown on the Manage Updates page. Instead, the available PRPs are shown, and you can select the right arrow to review the details.

Updating and Upgrading Cloud Manager

Overview



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```
$PS_APP_HOME/cloud/post_upgrade_script.sh
```



The second change to the process is that running a post-upgrade shell script is required after the Cloud Manager upgrade is complete.

After running `post_upgrade_script.sh` as the root user, you must restart the PeopleSoft domains and refresh the OCI metadata.

This script is not required when applying PRPs to Cloud Manager.

Updating and Upgrading Cloud Manager

Overview



- Automatically apply updates using Manage Updates
 - Apply PRPs
 - Upgrade to latest Cloud Manager Image
- Manually upgrade from N-2 or N-3 to the latest image
- Upgrade using the command line utility



You can use the Manage Updates page to automatically update Cloud Manager from the previous, or N minus one version, to the latest version.

To update to the latest version from versions 2 or 3 images prior, that is N -2 or N -3, you upgrade the PeopleTools version to the version required by the latest Cloud Manager image. Then you use the PeopleSoft Update Manager, or PUM, selective updates process to upgrade [the](#) Cloud Manager instance to the latest image. The process requires several tasks, which are covered in the Cloud Manager documentation.

For earlier Cloud Manager images, and in cases of problems, you can also use the command line utility.

Installing and Configuring Cloud Manager - Topics

1. Preparation
2. Installing the Resource Manager Stack
3. Configuring Cloud Manager
 - Cloud Manager Settings
 - Infrastructure Settings
 - Creating a File Storage Service File System
4. Subscribing to Repository Channels
5. Updating and Upgrading Cloud Manager
6. **Additional Resources**



Here are some useful resources.

Additional Resources

- Companion Slides for this Spotlight Video available from Oracle Learning Library
- PeopleSoft Cloud Manager Home Page, My Oracle Support, Doc ID 2231255.2
- PeopleSoft Cloud Manager on PeopleSoft Information Portal
(https://docs.oracle.com/cd/E52319_01/infoportal/cloudmgr.html)
- PeopleSoft Cloud Manager Spotlight Series (developed for Cloud Manager Image 11)
(https://docs.oracle.com/cd/E52319_01/infoportal/spotlight.html)
- PeopleSoft Blog for Cloud
(<https://blogs.oracle.com/peoplesoft/category/ps-cloud>)
- Oracle Cloud Infrastructure Documentation
(<https://docs.cloud.oracle.com/en-us/iaas/Content/home.htm>)



You can download the Companion Slides, with images and notes from this video, from the Oracle Learning Library.

See the PeopleSoft Cloud Manager home page on My Oracle Support for additional information.

You can find the highlights videos referenced in this spotlight on the PeopleSoft Cloud Manager page on the PeopleSoft Information Portal. Use the link at the top of the page to See all PeopleSoft Cloud Manager videos.

You can also find the version of this spotlight developed for Cloud Manager Image 11 in the Cloud Manager section of the Spotlight Series page, which is also on the PeopleSoft Information Portal. The video includes several demonstrations that were not included here.

See the PeopleSoft blog for timely updates.

Go to the Oracle Cloud Infrastructure documentation for information about OCI compute.

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