UWS – AutoDeploy

High-level Workflow

The high-level steps below summarize the workflow using the Ultra Web Services (UWS) – AutoDeploy interface.

Step 1   Create a new service deployment by following the instructions in Create a new Service Deployment, on page 3, or upload a YANG compliant service deployment configuration XML file by following the instructions in Upload a Service Deployment Configuration, on page 3.

Step 2   (Optional) Add or remove site(s) from the service deployment by following the instructions in Add/Remove Site(s) from a Service Deployment, on page 5.

Step 3   (Optional) Add or remove AutoVNF(s) from a site by following the instructions in Add/Remove AutoVNF from a Site, on page 6.

Step 4   Activate the VIM-Orch for a site by following the instructions in Activate VIM-Orch, on page 8.

Step 5   Activate the VIM for a site by following the instructions in Activate VIM, on page 9.

Step 6   Add (if not previously configured) or update (existing configuration) the AutoIT configuration information by following the instructions in Add/Edit AutoIT Information, on page 10.

Step 7   Add (if not previously configured) or update (existing configuration) the AutoIT-VNF configuration information by following the instructions in Add/Edit AutoIT-VNF Information, on page 11.

Step 8   Activate a service deployment, a site within the service deployment, or an AutoVNF within a site by following the instructions in Activate a Service Deployment, on page 13, Activate a Site, on page 14, or Activate AutoVNF, on page 15 respectively.

Step 9   (Optional) Dectivate a service deployment, a site within the service deployment, VIM-Orch, VIM, or an AutoVNF within a site by following the instructions in Deactivate a Service Deployment, on page 16, Deactivate a Site, on page 17, Deactivate VIM-Orch, on page 12, Deactivate VIM, on page 13, or Deactivate AutoVNF, on page 17 respectively.

Step 10   (Optional) At any point, view the transaction logs to monitor the activation or deactivation of the service deployment, site, or AutoVNF by following the instructions in View User Transaction Logs, on page 15.

Step 11   (Optional) At any point, view the operational status of Auto-IT-VNF, AutoVNF, VNFM or VNFR by following the instructions in View System Status, on page 16.

Step 12   (Optional) View and manage the secure tokens in the system by following the instructions in Manage Secure Tokens, on page 5.

Step 13   Launch the UWS – AutoVNF interface to monitor various AutoVNF parameters in real-time by following the instructions in Launch UWS – AutoVNF Interface, on page 16.

Creating Service Deployments and Catalogs

Create a new Service Deployment

Use the following task to create a new service deployment:

Step 1   From the Service Deployment screen, click **Create**.
The Create Service Deployment screen pops up.

Step 2   Specify the name for the service deployment.

Step 3   Specify an appropriate description.

Step 4   Click **Submit**.
A new service deployment will be created.

Upload a Service Deployment Configuration

Use the following task to upload a service deployment configuration XML file:

Before You Begin

Ensure that the YANG compliant service deployment configuration XML file is available. Refer the *Cisco Ultra Services Platform Deployment Automation Guide* for information on creating the configuration file.

Step 1   From the Service Deployment screen, click **Upload**.
The Add Service Deployment screen pops up.

Step 2   Click **Drop File Here** in the Add Service Deployment screen.

Step 3   Navigate and select the Service Deployment configuration XML file from the local directory.
The XML file will be validated and listed in the Add Service Deployment screen on successful validation.

Step 4   Click **Submit**.

Upload a Configuration for a Site

Log into the USP UWS - AutoDeploy interface, and use the following task to upload a configuration XML file for a site (including the VIM-Orch and VIM configuration information):

Before You Begin

Ensure that the YANG compliant site deployment configuration XML file is available. Refer the *Cisco Ultra Services Platform Deployment Automation Guide* for information on creating the configuration file.

Step 1 From the Service Deployment screen, select the service deployment for which you want to upload the site, and click **Upload**.
Alternatively, click **Catalog** from the Left navigation pane, and click **Upload**.

The Add Service Deployment screen pops up.

Step 2 Click **Drop File Here** in the Add Service Deployment screen.

Step 3 Navigate and select the XML file that contains the configuration information for the site from the local directory.
The XML file will be validated and listed in the Add Service Deployment screen on successful validation.

Step 4 Click **Submit**.

Upload an AutoVNF Configuration

Log into the USP UWS - AutoDeploy interface, and use the following task to upload a configuration XML file:

Before You Begin

Ensure that the YANG compliant AutoVNF deployment configuration XML file is available. Refer the *Cisco Ultra Services Platform Deployment Automation Guide* for information on creating the configuration file.

Step 1 From the Service Deployment screen, click **Upload**.
The Add Service Deployment screen pops up.

Step 2 Click **Drop File Here** in the Add Service Deployment screen.

Step 3 Navigate and select the configuration XML file from the local directory.
The XML file will be validated and listed in the Add Service Deployment screen on successful validation.

Step 4 Click **Submit**.

Manage Secure Tokens

The Security Catalog screen displays all the secure tokens for users configured in the system. To add a new secure token, use the following task to upload a configuration XML file that contains the secure token(s):

Step 1 Click the left navigation icon in the USP UWS – AutoDeploy User Interface.
A window slides out from the left with links to the Service Deployment, Catalog, Security Catalog, and System screens.

Step 2 Click **Security Catalog**.
The Security Catalog screen appears with a list of all the configured secure tokens.

Step 3 To add a new secure token, click **Upload**.
The Add Security Catalog window pops up.

Step 4 Click **Drop File Here** in the Add Security Catalog screen.

Step 5 Navigate and select the configuration XML file with the secure token from the local directory.
The XML file will be validated and listed in the Add Security Catalog screen on successful validation.

Step 6 Click **Submit**.

Modifying Service Deployment and Catalogs

Add/Remove Site(s) from a Service Deployment

Use the following task to add or remove site(s) from a service deployment:

Before You Begin

Ensure that the site you want to add is not in use by other service deployments.

Step 1 From the Service Deployment screen, click the service deployment you want to edit.

Step 2 Click **Edit**.
The Edit Service Deployment screen opens with a list of all the configured sites on the left and the available sites on the right.

Step 3 To add a site to the service deployment, drag the site from the **Available Sites** (right) section to the **Current Sites** (left) section.

Step 4 To remove a site from the service deployment, drag the site from the **Current Sites** (left) section to the **Available Sites** (right) section

Step 5 Click **Save**.

Add/Edit AutoIT Information

Refer Add/Edit AutoIT Information, on page 10 for more information.

Add/Edit AutoIT-VNF Information

Refer Add/Edit AutoIT-VNF Information, on page 11 for more information.

Add/Remove AutoVNF from a Site

Use the following task to add or remove an AutoVNF from a site:

Before You Begin

Ensure that the AutoVNF you want to add is not in use by other sites.

Step 1   Click **Catalog** from the Left navigation.
The catalog screen opens with a list of all the available sites.

Step 2   Click the site you want to edit.

Step 3   Click **AutoVNFD**.

Step 4   Click **Edit** (**Add**, if the site does not contain any AutoVNFs yet)
The Add AutoVNF Package screen opens with a list of all the configured AutoVNF on the left and the available AutoVNFs on the right.

Step 5   To add an AutoVNF to the site, drag the AutoVNF from the **Available AutoVNF** (right) section to the **Current AutoVNF** (left) section.

Step 6   To remove an AutoVNF from the site, drag the AutoVNF from the **Current AutoVNF** (left) section to the **Available AutoVNF** (right) section

Step 7   Click **Save**.

Manage Auto-VNF Components

The catalog section of the AutoDeploy interface lets you:

- Upload configuration files individually for Sites, AutoVNFD, Vnf-Package, Vnf-Rack, VNFMD, and VNFD.

- View the uploaded configuration.

- Delete existing configuration.

☞

| **Important** | Deleting Sites, AutoVNFD, Vnf-Package, Vnf-Rack, VNFMD, and VNFD through the Catalog section will permanently delete the configuration from the UWS. |

Before You Begin

Ensure that the YANG compliant configuration XML file is available for the component you want to upload. Refer the *Cisco Ultra Services Platform Deployment Automation Guide* for information on creating the configuration file.

Step 1   Click the Left navigation icon in the USP UWS – AutoDeploy User Interface.
A window slides out from the left with links to the Service Deployment, Catalog, Security Catalog, and System screens.

Step 2   Click **Catalog**.
The Catalog Overview screen appears with information on the site.

Step 3   Click on the link for the following components to view the existing configuration:

- Sites

- AutoVNFD

- Vnf-Package

- Vnf-Rack

- VNFMD

- VNFD

Step 4   To upload a new configuration, click **Upload**.
A screen pops up to enable you to upload files.

Step 5   Click **Drop File Here**.

Step 6   Navigate and select the configuration XML file from the local directory.
The XML file will be validated and listed on the screen on successful validation.

Step 7   Click **Submit**.

What to Do Next

You can view the configuration information for these components by selecting the uploaded configuration in their respective pages.

Deploying and Monitoring Virtual Infrastructure Manager Installation

Activate VIM-Orch

AutoIT-NFVI is the UAS software module used to automate the process of installing and deploying the virtual infrastructure manager (VIM) Orchestrator (synonymous with the OpenStack Undercloud) which manages the network function virtualization infrastructure (NFVI).

Sites can be activated from the Service Deployment screen only after the VIM-Orch and VIM are activated for the site. The **Activate** button in the Service Deployment and Site screens will be disabled until the VIM-Orch and VIM are successfully activated.

Use the following task to activate the VIM-Orch:

Before You Begin

Ensure that the YANG compliant configuration XML file is uploaded with the following information:

- nfvi-popd
- vim-orchd
- vimd
- sited
    - auto-it-nfvi
    - nfvi-pop
    - vim-orch
    - vim

> **Note** A site can map to one VIM-Orch and VIM.
>
> For more information on uploading the configuration file, refer Upload a Service Deployment Configuration, on page 3 or Upload a Configuration for a Site, on page 3.

Step 1 From the Service Deployment screen, click on the service deployment with the site that contains the VIM-Orch and VIM configuration you want to activate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2 Click on the site that contains the VIM-Orch and VIM configuration you want to activate.

Step 3 Click any of the options (except AutoIT-NFVI) under the site.

Step 4 Review the configuration information for the VIM-Orch, and click **Activate** to activate the VIM-Orch.

On successful activation, the "*Activated a Vim_Orch in a Service Deployment Successfully*" message is displayed, and the Pod View screen opens with the configured node for the VIM-Orch (director node).

Step 5   You can monitor the status of the VIM-Orch deployment using the progress bar on the top of the page.
In the Icon view, the VIM-Orch icon, the node ID, and the IP address are displayed.

What to Do Next

If the VIM-Orch deployment fails, you can view the transaction logs to troubleshoot the issue. To view the transaction logs, refer View User Transaction Logs, on page 15.

If activation of VIM-Orch is successful, activate VIM by following the instructions in Activate VIM, on page 9.

Activate VIM

AutoIT-NFVI is the UAS software module used to automate the process of installing and deploying the virtual infrastructure manager (VIM, synonymous with the OpenStack Overcloud) which manages the network function virtualization infrastructure (NFVI).

Sites can be activated from the Service Deployment screen only after VIM-Orch and VIM are activated for the site. The **Activate** button in the Service Deployment and Site screens will be disabled until the VIM-Orch and VIM are successfully activated.

Use the following task to activate VIM for the site:

Before You Begin

Before activating VIM:

- Ensure that the VIM-Orch for the site is activated. For more information, refer Activate VIM-Orch, on page 8.

- Ensure that the configuration for VIM is available as part of the configuration file uploaded to activate VIM-Orch. For more information, refer to the **Before you begin** section in Activate VIM-Orch, on page 8.

Step 1   From the Service Deployment screen, click on the service deployment with the site that contains the VIM configuration you want to activate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2   Click on the site that contains the VIM you want to activate.

Step 3   Click any of the options (except AutoIT-NFVI) under the site.

Step 4   Select the VIM tab.

Step 5   Review the configuration information for VIM, and click **Activate** to activate the nodes.
On successful activation, the "*Activated a Vim in a Service Deployment Successfully*" message is displayed, and the Pod View screen opens with the configured nodes for VIM-Orch (director node) and VIM.

A toggle button is available on the Pod View screen to view the deployment progress for VIM-Orch and VIM. By default, the toggle button is set to VIM-Orch.

Step 6   Click on the toggle button for VIM to view the progress bar for VIM.

Step 7   You can monitor the status of the deployment of the various nodes of VIM using the progress bar.
Each node (compute, controller, storage, and OSD compute) of VIM is identified by a separate node icon. In the Icon view, the node icon (to indicate the node type), the node ID, and the IP address are displayed.

The status of the nodes are indicated by the color highlighted on the left side of the node: Blue indicates that the node is bootstrapped, Orange indicates that the node is shutting down, Grey indicates that the status of the node is unknown, and Green indicates that the node is activated successfully.

Nodes can be filtered by the node type on the Pod screen using the **Filters** drop-down on the top left corner of Pod screen. Different operational data for each node is displayed depending on the type of node.

What to Do Next

- If VIM deployment fails, you can view the transaction logs to troubleshoot the issue. To view the transaction logs, refer View User Transaction Logs, on page 15.

- If activation of VIM-Orch and VIM is successfully, add or edit the configuration information (manually) for AutoIT and/or AutoIT-VNF by following the instructions in Add/Edit AutoIT Information, on page 10 and/or Add/Edit AutoIT-VNF Information, on page 11.

Add/Edit AutoIT Information

New AutoIT configuration information must be added (or existing configuration edited) manually using the **Catalog** navigation pane. When no AutoIT configuration exists for a site, the AutoIT tab under the Site Overview screen will be empty with the message "*No AutoIT configuration present. Add AutoIT configuration under Catalog > Site.*"

Use the following task to add (or edit) the AutoIT information for a site:

Before You Begin

Ensure that VIM-Orch and VIM are activated, and openstack is running. For more information, refer Activate VIM-Orch, on page 8 and Activate VIM, on page 9.

Step 1   Click **Catalog** from the Left navigation.
The catalog screen opens with a list of all the available sites.

Step 2   Click the site you want to edit.

Step 3   Click the **AutoIT** tab.

Step 4   Click **Add** to specify the AutoIT information (**Edit** to update existing AutoIT information).

Step 5   Specify(/update) the **Authentication URL**, **Tenant**, and **Secure Token** information.
Once VIM-Orch and VIM are activated, and OpenStack is running, log on to the AutoDeploy VM and use the following steps to determine the authentication URL:

a) Navigate to the **stack** directory (**cd /home/stack**).
   The name of the VIM is in this directory (<vim_name>).

b) Use the **cat** *vim_name***rc** command to get the authentication URL.

Alternatively, log on to the AutoDeploy VM and use the following steps to determine the authentication URL:

a) Use the **heat stack-list** command to determine the name of the VIM.
   Example:

heat stack-list
```
WARNING (shell) "heat stack-list" is deprecated, please use "openstack stack list" instead
+-------------------------------------+------------------+----------------+--------------------+-------------+
| id                                  | stack_name       | stack_status   | creation_time      | updated_time |
+-------------------------------------+------------------+----------------+--------------------+-------------+
| 07dfb4bc-1df7-42d5-9891-10a561d3965e | ultram-tb2-mitaka | CREATE_COMPLETE | 2016-09-23T00:44:13 | None         |
+-------------------------------------+------------------+----------------+--------------------+-------------+
```

b) Use the **cat** *vim_name***rc** command to get the authentication URL.
   Example:

cat ultram-tb2-mitakarc
```
    export OS_NO_CACHE=True
    export OS_CLOUDNAME=ultram-tb2-mitaka
    export OS_AUTH_URL=http://172.21.202.100:5000/v2.0
    export NOVA_VERSION=1.1
    export COMPUTE_API_VERSION=1.1
    export OS_USERNAME=admin
    export no_proxy=,172.21.202.100,192.200.0.105
    export OS_PASSWORD=password
    export PYTHONWARNINGS="ignore:Certificate has no, ignore:A true SSLContext object is not
available"
    export OS_TENANT_NAME=admin
```

Step 6 Verify that the AutoIT configuration information is successfully added/updated by navigating to the AutoIT tab under the Site Overview screen (Service Deployment > Site). The configuration information added/updated through the Catalog must reflect in the AutoIT tab under the Site Overview screen.

What to Do Next

Add or edit the AutoIT-VNF configuration information by following the instructions in .

Add/Edit AutoIT-VNF Information

New AutoIT-VNF configuration information must be added (or existing configuration edited) manually using the **Catalog** navigation pane. When no AutoIT-VNF configuration exists for a site, the AutoIT-VNF tab under the Site Overview screen will be empty with the message "*No AutoIT-VNF configuration present. Add AutoIT-VNF configuration under Catalog > Site.*".

Use the following task to add (or edit) the AutoIT-VNF information for a site:

Before You Begin

Ensure that VIM-Orch and VIM are activated, and openstack is running. For more information, refer Activate VIM-Orch, on page 8 and Activate VIM, on page 9.

Step 1 Click **Catalog** from the Left navigation.
The catalog screen opens with a list of all the available sites.

Step 2 Click the site you want to edit.

Step 3 Click the **AutoIT-VNF** tab.

Step 4 Click **Add** to specify the AutoIT-VNF information (**Edit** to update existing AutoIT-VNF information).

Step 5 Specify/update the **IP Address**, **Port Number**, and **Authentication-Info** information.

Step 6 Verify that the AutoIT-VNF configuration information is successfully added/updated by navigating to the AutoIT-VNF tab under the Site Overview screen (Service Deployment > Site). The configuration information added/updated through the Catalog must reflect in the AutoIT-VNF tab under the Site Overview screen.

Important The current version of the AutoVNF software is displayed only if the AutoVNF configuration type is a record.

What to Do Next

Add or remove AutoVNF for a site by following the instructions in Add/Remove AutoVNF from a Site, on page 6.

Deactivate VIM-Orch

Use the following task to deactivate (undeploy) the VIM-Orch:

Before You Begin

Ensure that the VIM-Orch you want to deactivate (undeploy) is activated.

Step 1 From the Service Deployment screen, click on the service deployment with the site that contains the VIM-Orch you want to deactivate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2 Click on the site that contains the VIM-Orch you want to deactivate.

Step 3 Click any of the options (except AutoIT-NFVI) under the site.

Step 4 With the VIM-Orch tab selected, click **Deactivate** to deactivate VIM-Orch.
On deactivation, the "*Deactivated a Vim_Orch in a Service Deployment Successfully*" message is displayed.

Deactivate VIM

Use the following task to deactivate (undeploy) VIM:

Before You Begin

Ensure that the VIM you want to deactivate (undeploy) is activated.

Step 1   From the Service Deployment screen, click on the service deployment.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2   Click on the site that contains the VIM you want to deactivate.

Step 3   Click any of the options (except AutoIT-NFVI) under the site.

Step 4   With the VIM tab selected, click **Deactivate** to deactivate VIM.
On deactivation, the "*Deactivated a Vim in a Service Deployment Successfully*" message is displayed.

Deploying and Monitoring Service Deployment and Catalogs

Activate a Service Deployment

When uploaded, a service deployment will appear as a configuration (config) type, and the tile border at the bottom of the service deployment will be highlighted in yellow. When activated, the type changes to a record, and the tile border at the bottom of the service deployment will be highlighted in blue.

When a service deployment is activated, all sites (and the VNFs within each site) within the service deployment are activated.

Use the following task to activate a service deployment:

Before You Begin

- Ensure that the YANG compliant deployment configuration XML file is uploaded, and the service deployment is available for activation. For more information, refer Upload a Service Deployment Configuration, on page 3.

- Ensure that the VIM-Orch for the site within the service deployment is activated. For more information, refer Activate VIM-Orch, on page 8.

- Ensure that the VIM for the site within the service deployment is activated. For more information, refer Activate VIM, on page 9.

- Verify that the AutoIT and AutoIT-VNF configuration information is successfully added/updated by navigating to the AutoIT and AutoIT-VNF tabs under the Site Overview screen (Service Deployment > Site) for all the Sites under the Service Deployment. The configuration information added/updated through the Catalog must reflect in the AutoIT and AutoIT-VNF tabs under the Site Overview screen.

For more information, refer Add/Edit AutoIT Information, on page 6 and Add/Edit AutoIT-VNF Information, on page 11.

Step 1 From the Service Deployment screen, click the service deployment you want to activate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2 Click **Activate**.

What to Do Next

You can view the transaction logs to monitor the activation of the service deployment. To view the transaction logs, refer View User Transaction Logs, on page 15.

Activate a Site

When uploaded, a site will appear as a configuration (config) type. When activated, the type changes to a record.

Use the following task to activate a site:

Before You Begin

- Ensure that the YANG compliant deployment configuration XML file is uploaded and available for activation. For more information, refer Upload a Configuration for a Site, on page 3.

- Ensure that the VIM-Orch for the site is activated. For more information, refer Activate VIM-Orch, on page 8.

- Ensure that the VIM for the site within the service deployment is activated. For more information, refer Activate VIM, on page 9.

- Verify that the AutoIT and AutoIT-VNF configuration information is successfully added/updated by navigating to the AutoIT and AutoIT-VNF tabs under the Site Overview screen (Service Deployment > Site). The configuration information added/updated through the Catalog must reflect in the AutoIT and AutoIT-VNF tabs under the Site Overview screen. For more information, refer Add/Edit AutoIT Information, on page 6 and Add/Edit AutoIT-VNF Information, on page 11.

Step 1 From the Service Deployment screen, click on the service deployment that contains the site you want to activate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2 To activate a site, click on the site you want to activate.
A site-overview screen opens with configuration information on the specific site.

Step 3 Click **Activate**.

What to Do Next

You can view the transaction logs to monitor the activation of the site. To view the transaction logs, refer

Activate AutoVNF

When uploaded, an AutoVNF will appear as a configuration (config) type. When activated, the type changes to a record.

Use the following task to activate an AutoVNF:

Before You Begin

Ensure that the YANG compliant deployment configuration XML file is uploaded and available for activation. For more information, refer .

Verify that the AutoIT and AutoIT-VNF configuration information is successfully added/updated by navigating to the AutoIT and AutoIT-VNF tabs under the Site Overview screen (Service Deployment > Site). The configuration information added/updated through the Catalog must reflect in the AutoIT and AutoIT-VNF tabs under the Site Overview screen. For more information, refer and .

Step 1	From the Service Deployment screen, click on the service deployment with the site that contains the AutoVNF you want to activate. The site information screen opens with a list of all the sites configured under the service deployment.
Step 2	Click on the site with the AutoVNF you want to activate. A site-overview screen opens with configuration information on the specific site.
Step 3	Click **Auto-VNF** in the site-overview screen and click the AutoVNF you want to activate. An Auto-Vnf Configuration Overview screen opens. The current version of the AutoVNF is displayed only if the AutoVNF configuration type is a record.
Step 4	Click **Activate**.

View User Transaction Logs

Use the following task to view a list of all the transactions performed by the user, and open detailed logs for any transaction:

Step 1	Click the right navigation icon in the USP UWS – AutoDeploy User Interface. A window slides out from the right with a list of the most recent user transactions.
Step 2	Click **See All >**.

The Tasks screen opens with a complete list of all the user transaction. The following information is available for each transaction:

- Transaction ID – A unique transaction ID for the user task.

- Transaction Type – The type of task performed.

- Status – The status of the transaction.

- Date & Time – Date and time of the task performed.

Step 3   Click the transaction ID to open a detailed log for that transaction.

View System Status

Use the following task to view the operational status of Auto-IT-VNF, AutoVNF, VNFM and VNFR for all configured Service Deployments in AutoDeploy:

Step 1   Click the left navigation icon in the USP UWS – AutoDeploy User Interface.
A window slides out from the left with links to the Service Deployment, Catalog, Security Catalog, and System screens.

Step 2   Click **System > Status**.
The System Status screen appears with ISO-Manifest details for Auto-IT-VNF, AutoVNF, VNFM and VNFR.

The banner indicates the IP address and the current version of the AutoDeploy software.

Launch UWS – AutoVNF Interface

The UWS – AutoVNF interface provides real-time monitoring functionalities for various AutoVNF parameters. Use the following task to launch the USP UWS – AutoVNF interface:

Step 1   Navigate to the Auto-Vnf Configuration Overview screen for the AutoVNF you want to monitor.
Step 2   Click the UWS – AutoVNF icon in the Auto-Vnf configuration overview banner. The USP UWS – AutoVNF Interface opens in a separate window on the browser.

Deactivate a Service Deployment

Use the following task to deactivate (undeploy) a service deployment record:

Before You Begin

Ensure that the service deployment you want to deactivate is activated.

Step 1 From the Service Deployment screen, click the service deployment you want to deactivate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2 Click **De-activate**.

What to Do Next

You can view the transaction logs to monitor the deactivation of the service deployment. To view the transaction logs, refer View User Transaction Logs, on page 15.

Deactivate a Site

Use the following task to deactivate (undeploy) a site:

Before You Begin

Ensure that the service site you want to deactivate (undeploy) is activated.

Step 1 From the Service Deployment screen, click on the service deployment that contains the site you want to deactivate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2 Click on the site you want to de-activate.
A site-overview screen opens with configuration information on the specific site.

Step 3 Click **De-activate**.

What to Do Next

You can view the transaction logs to monitor the deactivation of the service deployment. To view the transaction logs, refer View User Transaction Logs, on page 15.

Deactivate AutoVNF

Use the following task to deactivate (undeploy) an AutoVNF:

Before You Begin

Ensure that the AutoVNF you want to deactivate (undeploy) is activated.

Step 1   From the Service Deployment screen, click on the service deployment with the site that contains the AutoVNF you want to activate.
The site information screen opens with a list of all the sites configured under the service deployment.

Step 2   Click on the site with the AutoVNF you want to activate.
A site-overview screen opens with configuration information on the specific site.

Step 3   Click **Auto-VNF** in the site-overview screen, and click the AutoVNF you want to de-activate.
An Auto-Vnf Configuration Overview screen opens.

Step 4   Click **De-activate**.