



Managing Devices and Branches

- [Managing Devices, page 1](#)
- [Managing Branches, page 2](#)
- [Managing Branch Profiles, page 4](#)
- [Viewing Provisioning Details, page 5](#)

Managing Devices

Enterprise Service Automation allows you to manage the devices added to the system. From the **Devices > Device Management** page, you can add, view, edit or delete the devices.

You can also view the device details by clicking **View All Devices** in the dashboard of the Enterprise Service Automation home page.

Device Management page contains device management functions that are described in [Table 1: Tasks and their Description, on page 2](#).

Table 1: Tasks and their Description

Navigation Path	Task	Description
Devices > Device Management > Actions column	View	You can view the detailed Device information, such as Platform, Hostname, Management IP Address, Family, and Vendor.
	View Details in PI	You can view the device details in Prime Infrastructure. The Prime Infrastructure login page will appear, in which you need to enter the Username and Password and click Login . Note You can view the device details in PI inventory only for the device(s) with 'Provisioned' status.
	Edit	You can edit the branch by filling-in the required parameters and click Save . Note You cannot edit the details for the device(s) that are already assigned or provisioned.
	Delete	You can delete the device that is not assigned or provisioned.
	Remote display	You can cross-launch the VNC console for the virtual device(s), where you can configure or troubleshoot. Note This option is not applicable for physical devices.

Managing Branches

Enterprise Service Automation allows you to manage the branch location through maps and tables. You can add, view, edit or delete the branches and view the profile details and provisioning status.

Viewing Branches in Map View

To view the branch locations in geographical map:

- 1 Choose **Branches > Branches Map View** from the navigation menu.

The branch location color in the geographical map indicates the status of the branch as deployed, progress, error in and unknown.



Note

You can also view the branches in map by clicking **View All Branches** in the dashboard of the Enterprise Service Automation home page.

- 2 Click the branch location that you want to view.

On the right side, you can view the topology and device details, such as Type, Name, Serial Number and IP Address, Reachability and Actions in the branch details window. By clicking the icon in Actions column, you can launch VNC console for virtual devices (this option is not applicable for physical devices).

**Note**

You can also provision the branch and view the provisioning status in the branch details window.

Viewing Branches in Table View

You can choose **Branches > Branches Table View** from the navigation menu to view the branch locations in table form.

Branch Management page contains branch management functions that are described in [Table 2: Tasks and their Description](#), on page 3.

Table 2: Tasks and their Description

Navigation Path	Task	Description
Branches > Branch Management > Actions column	View	You can view the detailed branch information, such as description, street, street 2, Zipcode/postal code, country.
	Edit	You can edit the branch that is not provisioned. Fill-in the required parameters and click Save .
	Delete	You can delete the branch that is not provisioned.
	Map to Profile	You can provision the branch by mapping it to a profile. Note For more information on branch provisioning, see Provisioning Branches .
	View Provisioning Status	You can view the branch provisioning status. Note For more information on provisioning status, see Viewing Provisioning Details , on page 5.
	Profile Details	You can view the mapped profile details, such as topology diagram, associated branches, versions and workflow.

Managing Branch Profiles

Enterprise Service Automation allows you to manage the branch profiles through its intuitive user interface. From the **Profiles > Available Profiles** page can create, view, edit, clone or delete branch profiles, map to branches, submit profiles for approval and approve or reject the request.

You can also view the profiles by clicking **View All Profiles** in the ESA dashboard.

[Table 3: Tasks and their Description, on page 4](#) describes the tasks that can be performed in the **Available Profiles** page.

Table 3: Tasks and their Description

Navigation Path	Task	Description
Profiles > Available Profiles > Actions column	View Profile	You can view the detailed profile information: <ul style="list-style-type: none"> • Topology Diagram • Associated Branches • Versions • Workflow
	Show Topology	The topology diagram of the template is shown in the profile details window.
	Map to Branch	You can provision the Profile by mapping it to one or more branches. Note For more details on provisioning, see Provisioning Branches .
	Edit Profile	You can edit the custom profile that is not provisioned. Configure the required components and click Save and Submit For Approval .
	Clone Profile	You can create a copy of branch profile in Available Profiles page.
	Delete Profile	You can delete the branch profile that is not provisioned.
	Submit for Approval	You can submit the request for approving the branch profile.
	Approve/Reject	Based on configured workflow, you can either approve or reject the submitted branch profile request.

Viewing Provisioning Details

After the branch is successfully provisioned, you can view the deployment details that shows the summary at every logical phase. This helps in diagnosing and troubleshooting the provisioning errors that occurs during any phase.

To view the provisioning details:

Step 1

Choose **Deployments > Deployment Status**.

The Diagnostics page shows the following information:

- **Branch Name**- The name of the provisioned branch
- **Status**- The branch provisioning status
- **Result**- The output of branch provisioning
- **Start Time**- The time at which the branch provisioning is initiated
- **Time Taken**- Time taken to complete the provisioning process.

Step 2

To view more information on the provisioning status, click **More Details** from the **Actions** Column.

The Diagnostic Detail page displays the detailed information about the branch provisioning activity, phase by phase. Each phase has the following information:

- Serial Number
 - IP Address
 - Device Information
 - State
 - Run Status
 - Result Status
 - Entry Time
 - Exit Time
-

