

Seqrite Endpoint Protection 8.5

Deploying EPP Agent through ManageEngine
Installation Steps

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Overview

This document guides you with the steps to deploy Endpoint Protection clients using ManageEngine. Note that the steps mentioned in this document are one of the ways to deploy EPP client. While deploying, you can configure the settings to suit your requirement.

Audience

This guide is useful for the Seqrite support or customer/partner system administrators who would be carrying out the deployment.

Prerequisites/System Requirements

- ManageEngine - Install Agent should be deployed on the endpoints.

Installation Steps

Windows

Windows Client

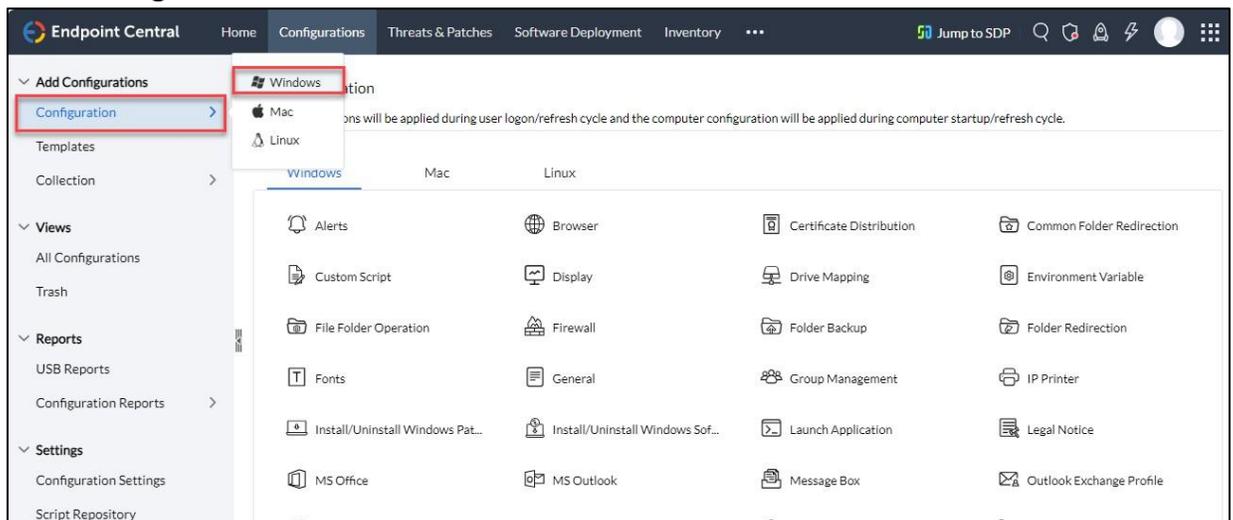
Follow these steps to download Windows client package:

1. Log in to EPP Console.
2. Go to the **Deployment** page.
3. Download the Windows Client installer (without AV) build package (Windows 32/64) from the Deployment page. These builds will be in the ZIP format.
4. Extract the .zip file containing **clagnt.dat** and **clagnt64.exe** files.

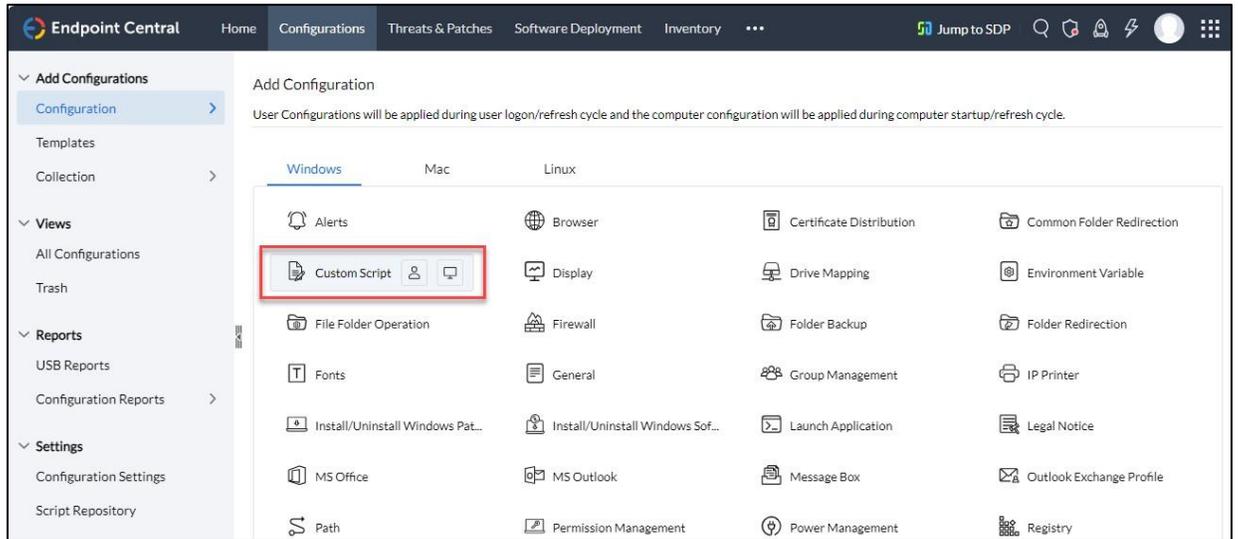
Windows Client Deployment with ManageEngine

Follow these steps to deploy Windows client using the Custom Script method:

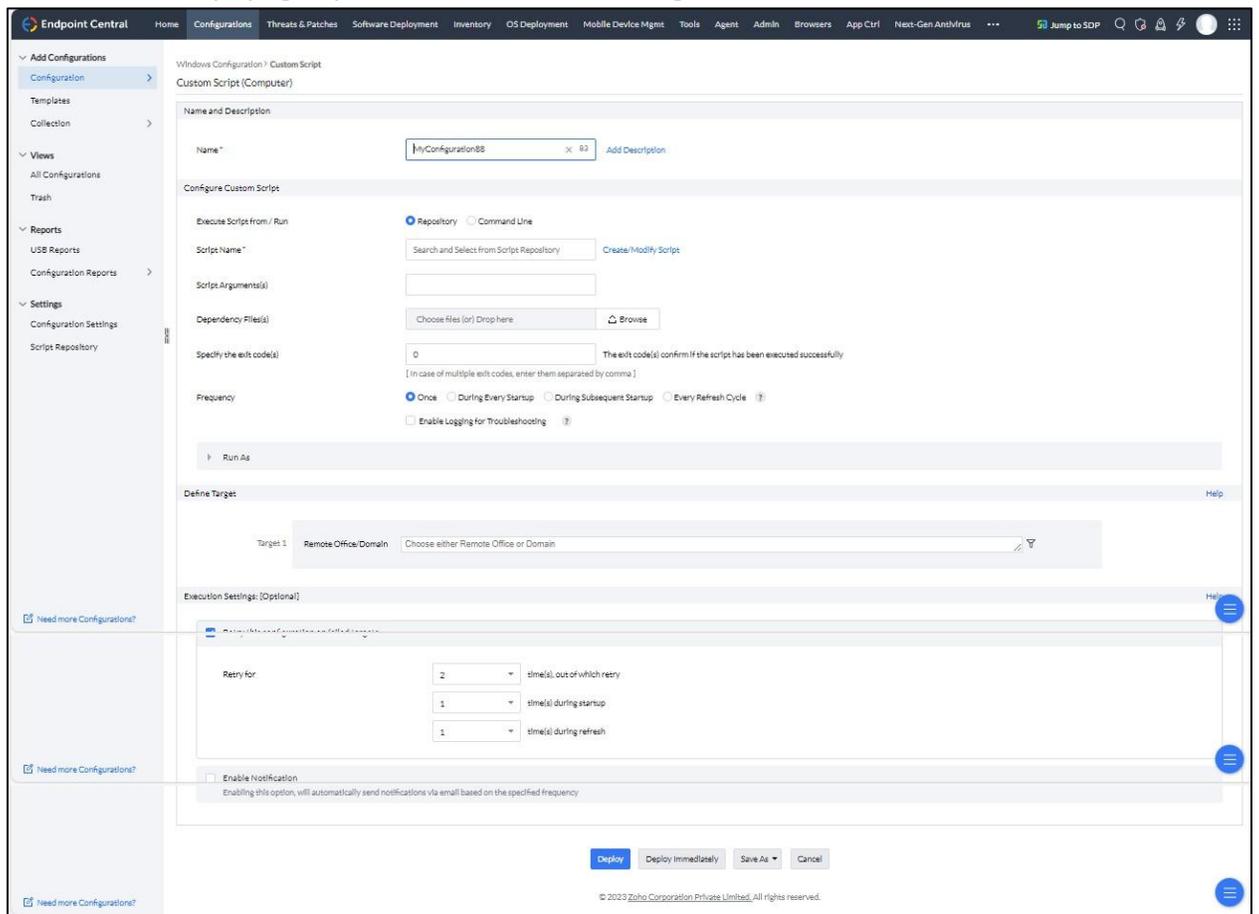
1. Log in to the ManageEngine Endpoint Central Console.
2. Go to **Configuration > Windows**.



3. On Add Configuration page, click Custom Scripts.



4. The Custom Script page opens. Provide the following details:



- a. Name: For example, WinAVDeploy
 - b. Execute Script from/Run: Command Line
 - c. Command Line: clagnt64.exe /silent
 - d. Dependency File(s): Select the entire list of files present in the Windows Client extracted build package directory. For example, clagnt.dat and clagnt64.exe.
 - e. Frequency: Once
 - f. Ticket – Select **Enable Logging for Troubleshooting**
 - g. Define Target:
 - Remote Office/Domain: Workgroup
 - Filter Computer based on: Computer - Select Windows Client computer name.
5. Click **Deploy Immediately**.

Mac

Mac Client

Prerequisites

- Administrator must have an account on the Mac client computers with admin privileges.
- Enable Remote Management on the Mac client computers.
- Your administrator computer must have packages installed on it. Packages is a Mac OS application that helps you to create bundle for your payload and installation. To download packages, visit <http://s.sudre.free.fr/Software/Packages/about.html>.
- ManageEngine Agent should be installed on Mac device.
- Mac device should be enrolled with ManageEngine.
- For macOS Catalina and above only, do the following on your Mac system:
 - 1 Open **System Preferences**.
 - 2 Go to **Security & Privacy > Privacy** tab.
 - 3 Click the lock icon and provide password if it is locked.
 - 4 Select **Full Disk Access** in the left pane.
 - 5 Add the following process in the given path and then select the processes in the **Security & Privacy Full Disk Access** window,
/Library/PrivilegedHelperTools/fr.whitebox.packages/packages_dispatcher

Steps

Follow these steps to create the Mac client package:

1. On the Seqrite Endpoint Protection, download UEMREMOTEINST.TAR from the URL.
Note: This tar file is common for EPP Cloud and NG Mac clients. It contains files which are required for creating Mac client packager.
<https://dlupdate.quickheal.com/builds/seqrite/uemcp/en/UEMREMOTEINST.tar>
2. Download Mac client installer (with/without AV) from the EPP server. These builds will be in the TAR format.
3. Rename the Mac client installer as follows:
 - a. Mac client installer (without AV) - MCCLAGNT.TAR
 - b. Mac client installer (with AV) - MCCLAGAV.TAR
4. Extract UEMREMOTEINST.TAR.
5. Copy MCCLAGNT.TAR or MCCLAGAV.TAR to **/UEMREMOTEINST**.

6. Open Terminal.app with user having administrative privileges on the Mac computer and go to the **UEMREMOTEINST** folder.
7. Enter the following commands:
 - `cd ./Remote_Installation/PKG`
 - `sudo sh ./ClientAgentInstaller/CreatePackage.sh`

When the package creation is completed successfully, ClientAgentInstaller.pkg file is created in the **./Remote_Installation/PKG/ClientAgentInstaller/** folder.

Note: Use this **ClientAgentInstaller.pkg** for Mac client deployment using ManageEngine Endpoint Central.

Deploying Profile

Follow these steps to deploy profile with ManageEngine to load product extensions silently and to provide full disk access:

1. Log in to the Manage Endpoint Central Console.
2. Go to **Configuration** and select **Mac**.
3. Select **Custom Configuration**.
4. Enter custom configuration name.
5. Download the profile from <https://download.quickheal.com/builds/seqrite/85/en/build/SeqriteMacProfile.zip>
6. Extract the downloaded **SeqriteMacProfile.zip**, it will contain **SeqriteMacProfile10.14.mobileconfig**
7. Click **Browse**. The downloaded **SeqriteMacProfile10.14.mobileconfig** into the **Custom Configuration profile**.

Note: *This profile will work on macOS Big Sur and onwards systems.*

8. Define Target:
 - a. Remote Office/Domain: Select the domain name.
 - b. Filter Computer based on: Computer - Select Mac Computer name. (You can find Mac Computer name at > click ellipse> Click 'Agent' > Click 'Mac' chart from OS Platform.)
9. Click **Deploy** Immediately.

Mac Client Deployment with ManageEngine:

1. Log in to the Manage Endpoint Central Console.
2. Go to **Software Deployment**.

The screenshot shows the ManageEngine Endpoint Central console. The top navigation bar includes 'Home', 'Configurations', 'Threats & Patches', 'Software Deployment' (highlighted), 'Inventory', 'OS Deployment', and 'Mobile Device Mgmt'. The left sidebar has a navigation menu with 'Package creation' (Packages, Templates) and 'Deployment' (Install/Uninstall Software, View Configurations, User-defined Templates, Trash, Self Service Portal) selected. The main content area shows 'Unpublished packages in SSP' (9) and 'Packages in SSP which are not in use' (0). A 'Filter By' dropdown is set to 'Mac'. Below it, a table lists software packages:

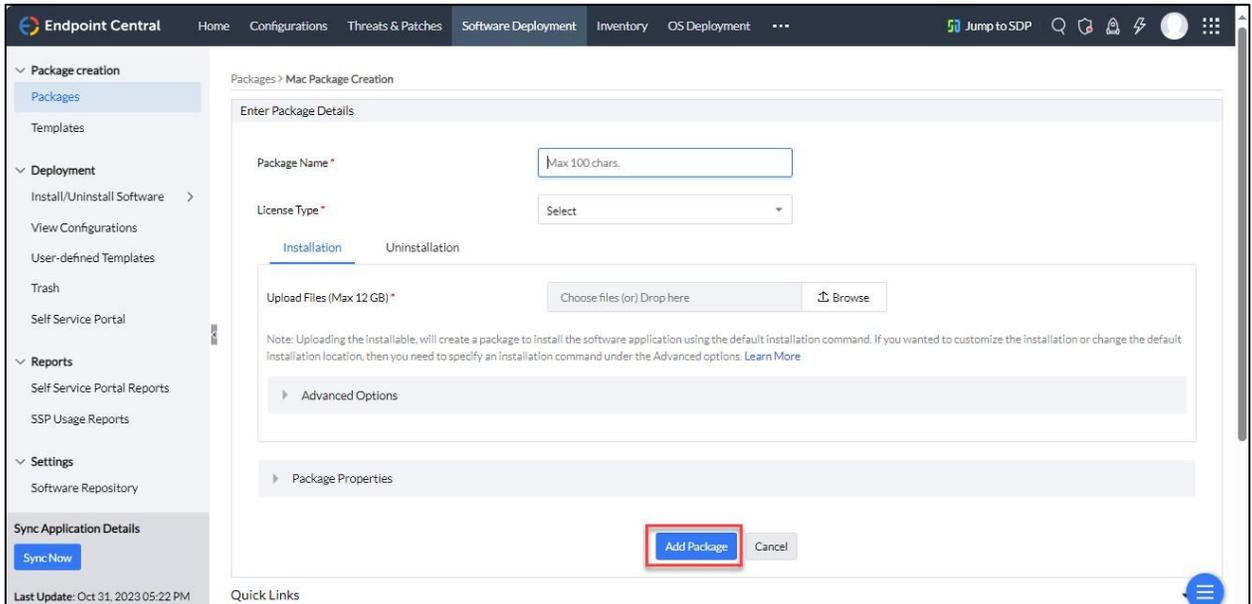
Package Name	Software Name	Created By	Modified Time	Auto-update status	Platform	Action
Mac_Package	--	admin	Oct 25, 2023 12:17 PM	Not Applicable	Apple Mac	...

3. Click **Add Package**. Select Mac from the drop-down values.

The screenshot shows the ManageEngine Endpoint Central console. The top navigation bar includes 'Home', 'Configurations', 'Threats & Patches', 'Software Deployment' (highlighted), 'Inventory', 'OS Deployment', and 'Mobile Device Mgmt'. The left sidebar has a navigation menu with 'Package creation' (Packages, Templates) and 'Deployment' (Install/Uninstall Software, View Configurations, User-defined Templates, Trash, Self Service Portal) selected. The main content area shows 'Unpublished packages in SSP' (9) and 'Packages in SSP which are not in use' (0). A 'Filter By' dropdown is set to 'Package Type'. Below it, a table lists software packages:

Package Name	Software Name	Created By	Modified Time	Auto-update status	Platform	Action
Windows	--	admin	Oct 20, 2023 10:16 PM	Not Applicable	Windows	...
EPS_x64	--	admin	Oct 20, 2023 10:12 PM	Not Applicable	Windows	...
Google Chrome (x64) (...)	Google Chrome	admin	Oct 20, 2023 07:32 PM	Not Enabled	Windows	...

4. Enter the Package Name.

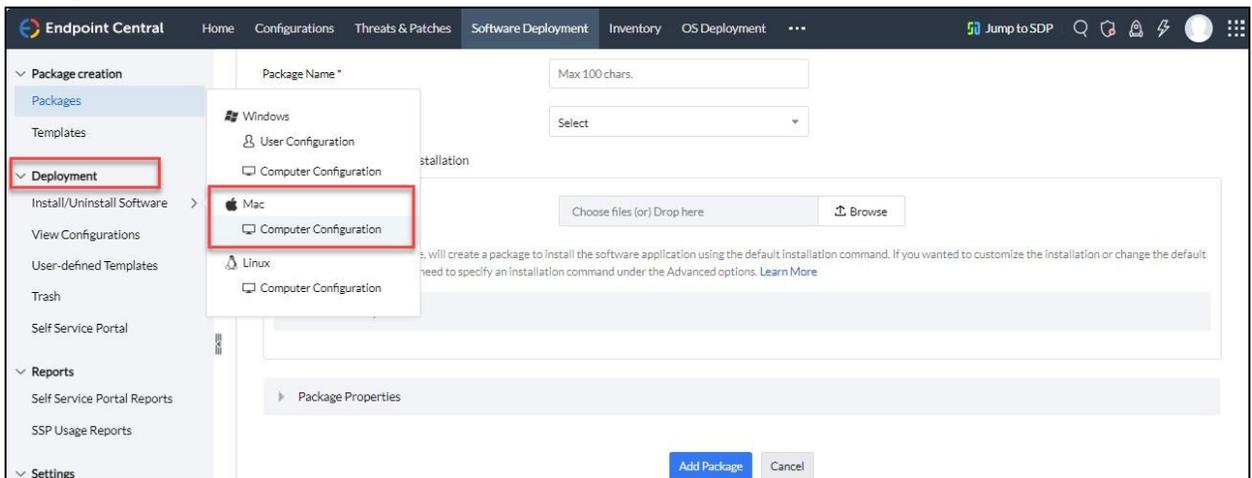


5. Select **Commercial** from the **License Type** drop-down values.

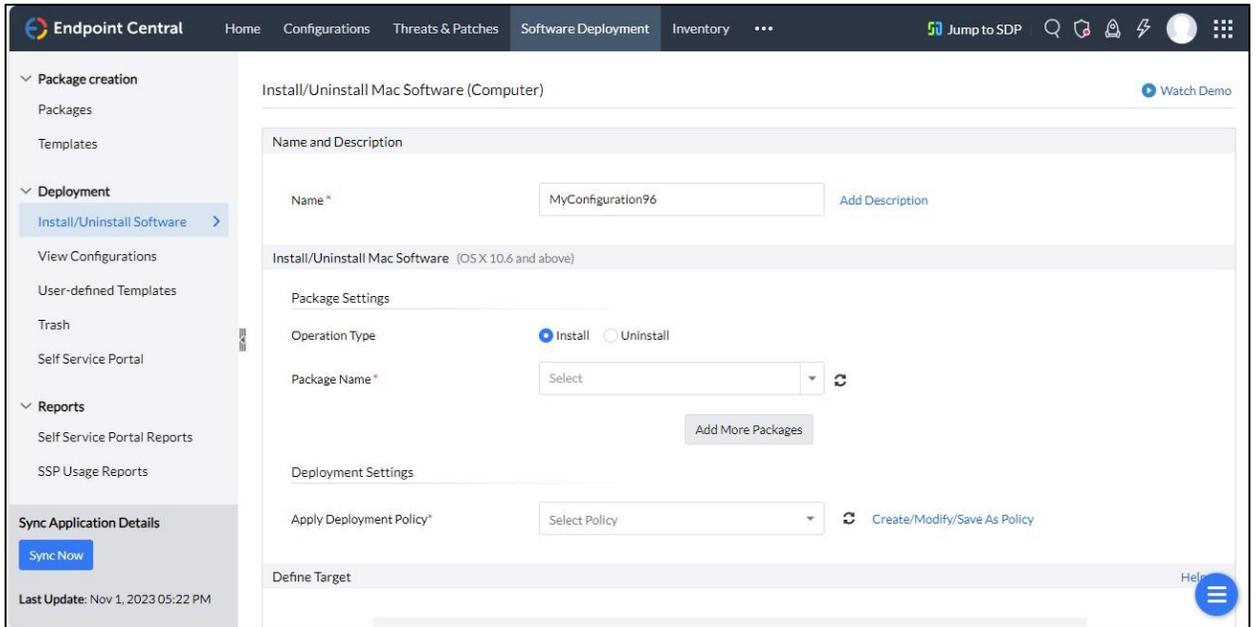
6. Click **Browse** to upload the Mac packager that is, **ClientAgentInstaller.pkg**.

7. Click **Add Package**. The packager gets added.

8. Now, in the left pane, go to **Deployment > Install/Uninstall Software > Mac > Computer Configuration**.



9. Give an appropriate name for configuration.



10. Select Operation Type: **Install**.

11. Select the package name that you entered earlier from the Package Name drop-down list values.

12. Select **Deploy any time at the earliest** from Apply Deployment Policy drop-down list values.

13. Define Target:

- a. Remote Office/Domain: Select the domain name.
- b. Filter Computer based on: Computer - Select Mac Computer name. (You can find Mac Computer name at > click ellipse> Click 'Agent' > Click 'Mac' chart from OS Platform.)

14. Click **Deploy Immediately**.

Linux

Linux Client

Follow these steps to download Linux client package:

1. Log in to EPP Console. Go to the Deployment page.
2. Download the Linux Client installer build package (Linux 32/64) from the Deployment page. These builds will be in the TAR format.
3. Extract the .tar file containing buildNumber.txt, clagnt.dat, epslin64.tar.gz, install, readme.txt, and validation files.
4. Rename the install script file as **install.sh**.

Linux Client Deployment with ManageEngine:

Follow these steps to deploy the Linux client using Custom Script method:

1. Log in to the Manage Endpoint Central Console.
2. Go to **Configuration > Linux**.
3. On **Add Configuration** page, click **Custom Script**.

4. On the Custom Script page, enter the following details:

The screenshot shows the 'Custom Script (Computer)' configuration page in Endpoint Central. The 'Name' field is filled with 'MyConfiguration95'. Under 'Configure Custom Script', 'Execute Script from/Run' is set to 'Command Line'. The 'Command Line' field is empty. 'Dependency Files(s)' has a 'Choose files (or) Drop here' button and a 'Browse' button. 'Specify the exit code(s)' is set to '0'. 'Frequency' is set to 'Once'. There is an unchecked checkbox for 'Enable Logging for Troubleshooting'. The 'Define Target' section shows 'Target 1' set to 'Remote Office/Domain'. The 'Execution Settings: [Optional]' section has unchecked checkboxes for 'Retry this configuration on failed targets' and 'Enable Notification'. At the bottom, there are buttons for 'Deploy', 'Deploy Immediately', 'Save As', and 'Cancel'. The footer shows '© 2023 Zoho Corporation Private Limited. All rights reserved.'

- a. Provide Name: For example, LinAVDeploy
- b. Execute Script from/Run: Command Line
- c. Command Line: `bash install.sh`
- d. Dependency File(s): Select the entire list of files present in the Linux client extracted build package directory. For example, `buildNumber.txt`, `clagnt.dat`, `epslin64.tar.gz`, `install.sh`, `readme.txt`, `validation`.
- e. Frequency: Once
- f. Ticket - Enable Logging for Troubleshooting
- g. Define Target:
 - o Remote Office/Domain: Workgroup
 - o Filter Computer based on: Computer - Select Linux Client host name.

5. Click **Deploy Immediately**.