

Seqrite Endpoint Protection 8.4

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

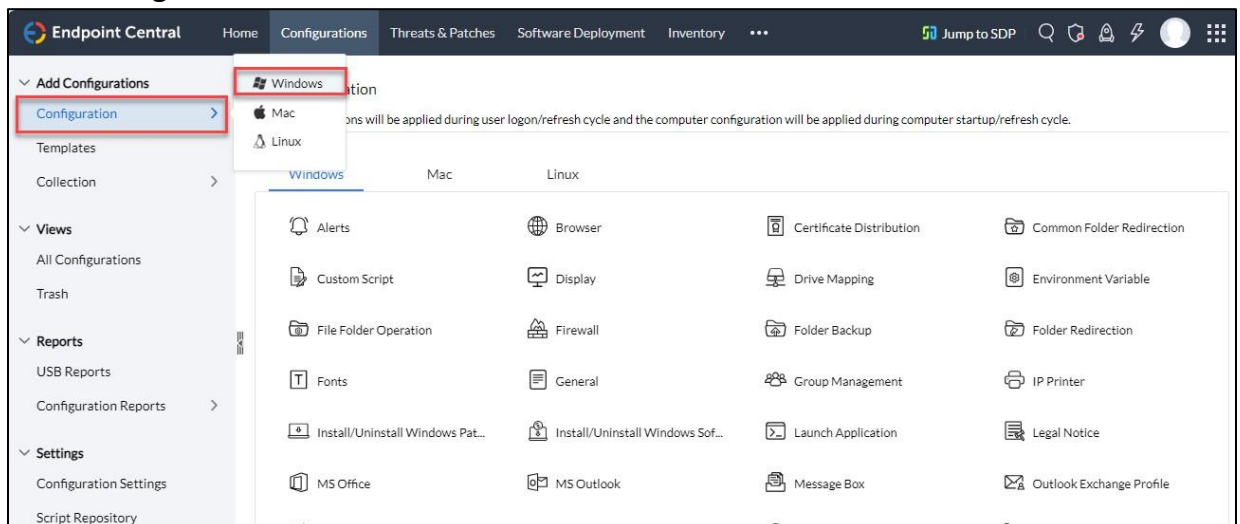
Follow these steps to download Windows client package:

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.

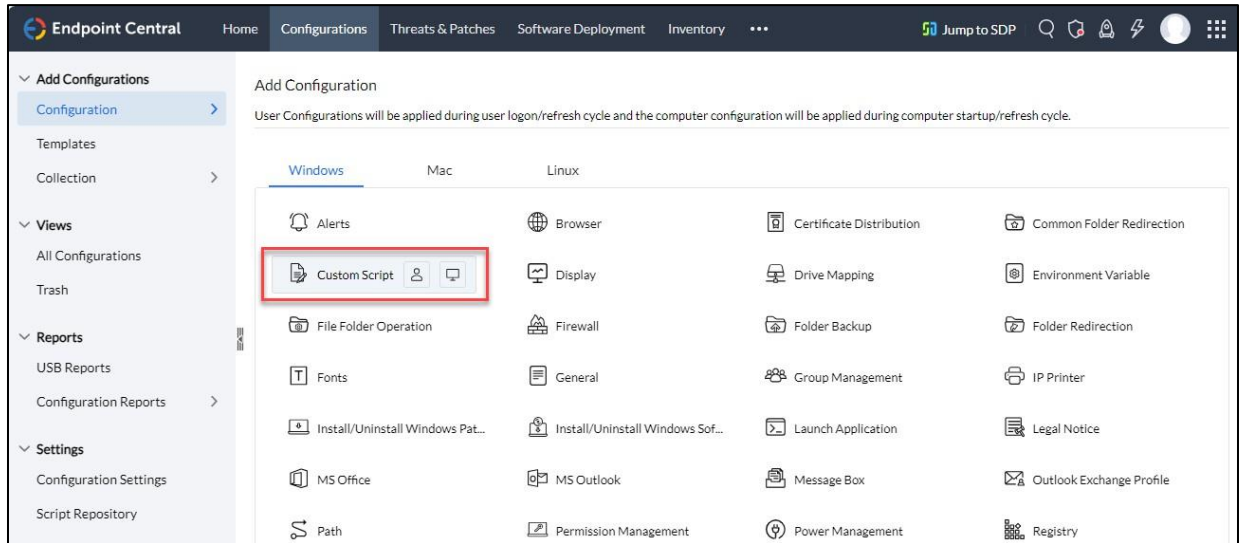
Windows Client Deployment with ManageEngine

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

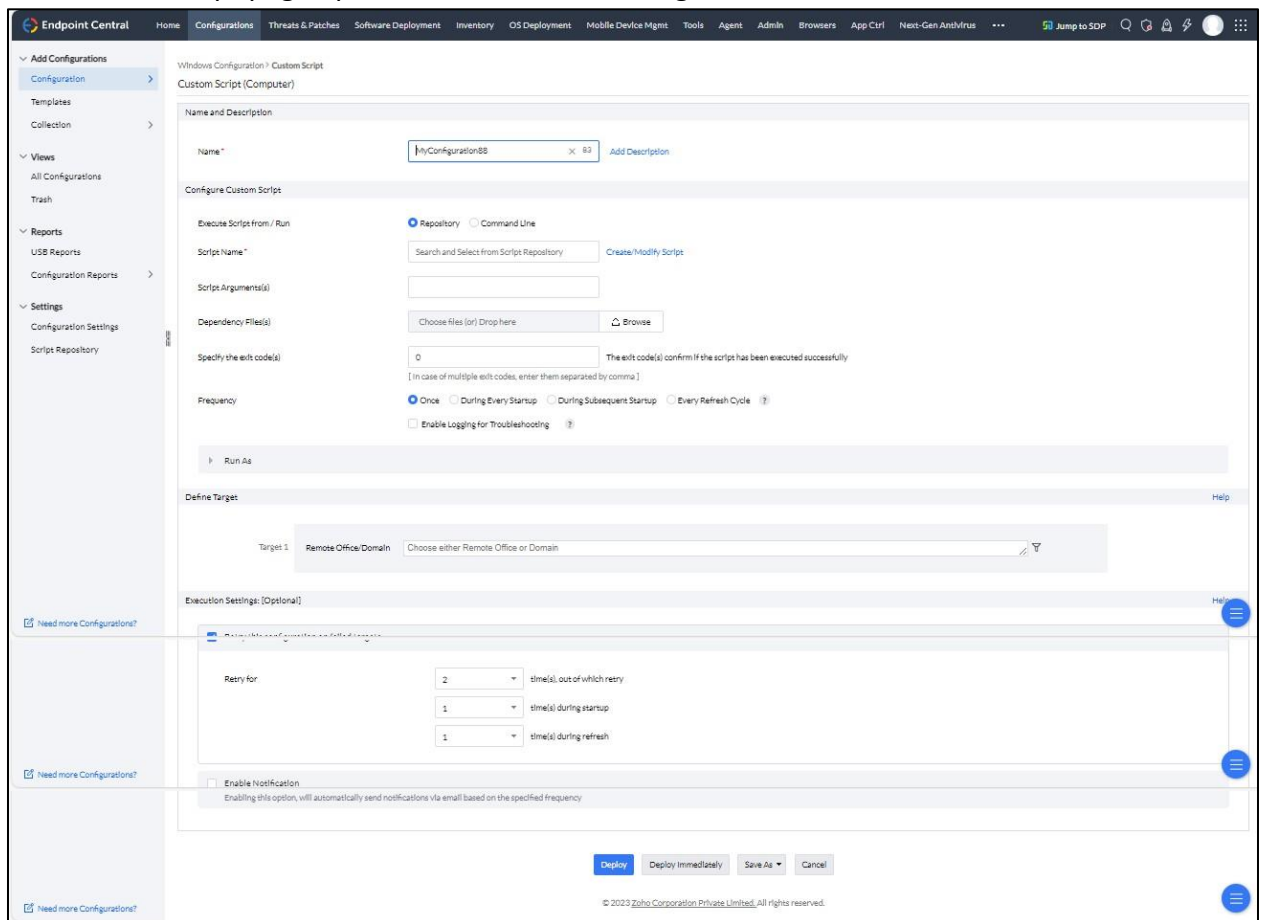
1. Log in to the ManageEngine Endpoint Central Console.
2. Go to **Configuration > Windows**.



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.
<http://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:

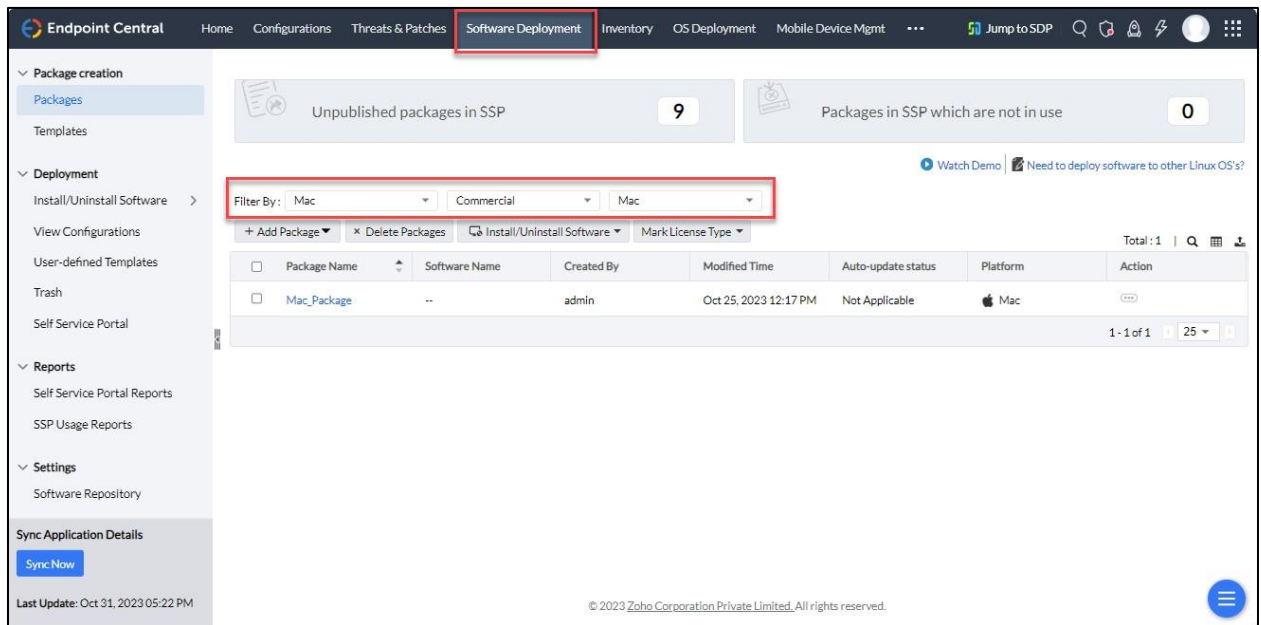
1. Log in to the Manage Endpoint Central Console.
2. Go to **Configuration** and select **Mac**.
3. Select **Custom Configuration**.
4. Enter custom configuration name.
5. Download the profile from <http://download.quickheal.com/builds/seqrite/84/en/build/SeqriteMacProfile.zip>
6. Extract the downloaded **SeqriteMacProfile.zip**, it will contain **SeqriteMacProfile10.13.mobileconfig**
7. Click **Browse**. The downloaded **SeqriteMacProfile10.13.mobileconfig** into the **Custom Configuration profile**.

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

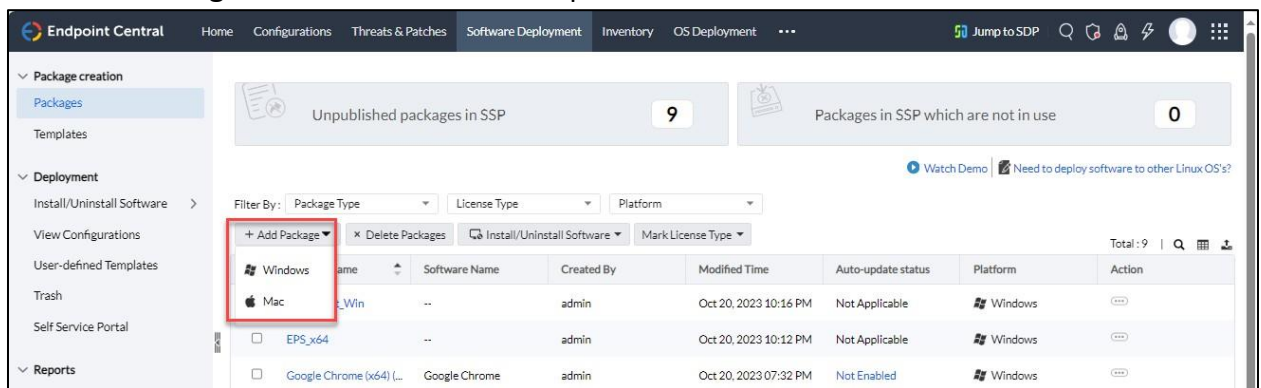
8. Define Target:
 - a. Remote Office/Domain: Select the domain name.
 - b. Filter Computer based on: Computer - Select Mac Computer name. (You can find Mac Computer name at > click ellipse> Click 'Agent' > Click 'Mac' chart from OS Platform.)
9. Click **Deploy** Immediately.

Mac Client Deployment with ManageEngine:

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



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



4. Enter the **Package Name**.

The screenshot shows the 'Mac Package Creation' form in the Endpoint Central interface. The left sidebar contains navigation options: Package creation (Packages, Templates), Deployment (Install/Uninstall Software, View Configurations, User-defined Templates, Trash, Self Service Portal), Reports (Self Service Portal Reports, SSP Usage Reports), and Settings (Software Repository). The main content area is titled 'Enter Package Details' and includes fields for 'Package Name' (with a 'Max 100 chars.' hint), 'License Type' (a dropdown menu), and an 'Upload Files (Max 12 GB)' section with a 'Browse' button. Below these are expandable sections for 'Advanced Options' and 'Package Properties'. At the bottom right, the 'Add Package' button is highlighted with a red box, next to a 'Cancel' button. The top navigation bar includes 'Home', 'Configurations', 'Threats & Patches', 'Software Deployment', 'Inventory', and 'OS Deployment'. The bottom status bar shows 'Last Update: Oct 31, 2023 05:22 PM' and 'Quick Links'.

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**.

The screenshot shows the Endpoint Central interface with the 'Deployment' menu expanded in the left sidebar. The 'Mac' option is highlighted with a red box, and the 'Computer Configuration' sub-option is also highlighted with a red box. The main content area shows the 'Mac Package Creation' form, which is partially visible. The top navigation bar and bottom status bar are the same as in the previous screenshot.

9. Give an appropriate name for configuration.

The screenshot shows the Endpoint Central interface. The left sidebar contains navigation options: Package creation (Packages, Templates), Deployment (Install/Uninstall Software, View Configurations, User-defined Templates, Trash, Self Service Portal), and Reports (Self Service Portal Reports, SSP Usage Reports). A 'Sync Application Details' section with a 'Sync Now' button and 'Last Update: Nov 1, 2023 05:22 PM' is also visible. The main content area is titled 'Install/Uninstall Mac Software (Computer)' and includes a 'Watch Demo' link. It features several sections: 'Name and Description' with a 'Name' field containing 'MyConfiguration96' and an 'Add Description' link; 'Package Settings' with 'Operation Type' set to 'Install' (radio button selected) and 'Package Name' set to 'Select' with a refresh icon and an 'Add More Packages' button; and 'Deployment Settings' with 'Apply Deployment Policy' set to 'Select Policy' and a 'Create/Modify/Save As Policy' link. A 'Define Target' section is at the bottom. A 'Help' icon is in the bottom right corner.

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 the Endpoint Central interface. The left sidebar contains navigation options: Add Configurations (Configuration, Templates, Collection), Views (All Configurations, Trash), Reports (USB Reports, Configuration Reports), and Settings (Configuration Settings, Script Repository). The main content area is titled 'Linux Configuration > Custom Script' and 'Custom Script (Computer)'. It includes sections for 'Name and Description' (with a 'Name' field containing 'MyConfiguration95' and an 'Add Description' link), 'Configure Custom Script' (with 'Execute Script from / Run' set to 'Command Line', a 'Command Line' field, 'Dependency Files(s)' with a 'Choose files (or) Drop here' button and a 'Browse' button, 'Specify the exit code(s)' set to '0', and 'Frequency' set to 'Once' with 'Enable Logging for Troubleshooting' checked), 'Define Target' (with a 'Target 1' dropdown set to 'Remote Office/Domain'), and 'Execution Settings: [Optional]' (with 'Retry this configuration on failed targets' and 'Enable Notification' checkboxes). At the bottom, there are buttons for 'Deploy', 'Deploy Immediately', 'Save As', and 'Cancel'. The footer shows the copyright notice: '© 2023 Zoho Corporation Private Limited. All rights reserved.'

- Provide Name: For example, LinAVDeploy
- Execute Script from/Run: Command Line
- Command Line: `bash install.sh`
- Dependency File(s): Select the entire list of files present in the Linux client extracted build package directory. For example, `buildNumber.txt`, `clagnt.dat`, `epsln64.tar.gz`, `install.sh`, `readme.txt`, `validation`.
- Frequency: Once
- Ticket - Enable Logging for Troubleshooting
- Define Target:
 - Remote Office/Domain: Workgroup
 - Filter Computer based on: Computer - Select Linux Client host name.

5. Click **Deploy Immediately**.