



# Remote Installation Guide

V8.4

[www.seqrite.com](http://www.seqrite.com)

## Copyright Information

Copyright © 2018–2025 Quick Heal Technologies Ltd. All Rights Reserved.

No part of this publication may be reproduced, duplicated, or modified in any form or incorporated into any information retrieval system, electronic or any other media or transmitted in any form without prior permission of Quick Heal Technologies Limited, Solitaire Business Center, Office No.7010 C & D, 7th Floor, Viman Nagar, Pune 411014, Maharashtra, India.

Marketing, distribution or use by anyone barring the people authorized by Quick Heal Technologies Ltd. is liable to legal prosecution.

### Trademarks

Seqrite and DNAScan are registered trademarks of Quick Heal Technologies Ltd. while Microsoft and Windows are registered trademarks of Microsoft Corporation. Other brands and product titles are trademarks of their respective holders.

### License Terms

Installation and usage of Seqrite Endpoint Protection is subject to user's unconditional acceptance of the Seqrite end-user license terms and conditions.


To read the license terms, visit <http://www.seqrite.com/eula> and check the End-User License Agreement for your product.

Release Date

Aug, 2025

## About the Document

This guide covers all the information about how to install Seqrite Endpoint Protection on the Mac client computers remotely from the administrator computer that may have either Windows or Mac operating system. The following list describes the conventions that we have followed to prepare this document.

Convention	Meaning
<Step 1> <Step 2>	The instruction mentioned in the numbered list indicates actions that you need to perform.
	This symbol indicates additional information or important information about the topic being discussed.

# Contents

- Installing Seqrite Mac client..... 5**
  - Creating Mac client Installer ..... 5
- Installing using Apple Remote Desktop or Casper..... 5
  - Installing Mac client using Apple Remote Desktop or Casper ..... 6
  - Creating Mac client package..... 6
- Connecting remotely using Secure Shell.....7
  - Using Terminal (for Mac or Linux OS) ..... 8
  - Using PuTTY (for Windows OS) ..... 9
- Deploying through ManageEngine .....12
  - Prerequisites ..... 12
  - Steps ..... 12
  - Deploying Profile..... 13
  - Mac Client Deployment with ManageEngine: ..... 14

# Installing Seqrite Mac client

You can install Seqrite Mac client in one of the following ways:

- [Installing using Apple Remote Desktop or Casper](#)
- [Connecting remotely using Secure Shell](#)
  - [Using Terminal \(for Mac and Linux OS\)](#)
  - [Using PuTTY \(for Windows OS\)](#)

## Creating Mac client Installer

To create Mac client installer, follow these steps:

- 1 On the Seqrite Endpoint Protection, go to **Deployment**.
- 2 In the Client Installer tab, click **Create Client Installer** button.  
The Create Client Installer dialog opens.
- 3 Enter **Package Name** and select **Group**.
- 4 In the **OS platform** list, select Mac.
- 5 Select validity period in the list box. The validity period can be of 30, 60 or 90 days.
- 6 Click **Create**.

The <Package Name>.TAR file is created.

The installer without antivirus setup is created and appears in the list on Deployment > Client Installer page. You can download this installer.

Note

---

With Standalone Installer, you can create Mac client installer with antivirus setup.

---

## Installing using Apple Remote Desktop or Casper

Apple Remote Desktop (ARD) helps you to connect to the Mac client computers remotely in the network, send software to them, install software on them, help other end users in real time, and perform various tasks.

### Prerequisites

Before you install Seqrite Mac client, ensure the following requirements.

- The administrator computer with ARD or Casper installed must have Mac OS X 10.12 or later / OS X server.
- Mac Seqrite Client installer must be created on Seqrite Endpoint Protection. To know about how to create client installer, see [Creating Mac client Installer](#).
- 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>.
- 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

## Installing Mac client using Apple Remote Desktop or Casper

This procedure helps you install Mac client on the remote Mac client computers using ARD or Casper. For more details, you may refer the documentation of the respective software applications.

### Creating Mac client package

- 1 On the Seqrite Endpoint Protection, download [UEMREMOTEINST.TAR](http://dlupdate.quickheal.com/builds/seqrite/uemcp/en/UEMREMOTEINST.tar) from the URL, <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:  
 Mac client installer (without AV) - [MCCLAGNT.TAR](#)  
 Mac client installer (with AV) - [MCCLAGAV.TAR](#)
- 4 Extract [UEMREMOTEINST.TAR](#).
- 5 Copy [MCCLAGNT.TAR](#) or [MCCLAGAV.TAR](#) to "<Download directory>/UEMREMOTEINST".
- 6 Open Terminal.app on the administrator Mac computer and go to the UEMREMOTEINST folder.
- 7 Enter the following commands  

```
cd ./Remote_Installation/PKG
sudo sh ./ClientAgentInstaller/CreatePackage.sh
```

---

Administrator rights are required for executing this command.

---

When the package creation completes successfully, [ClientAgentInstaller.pkg](#) file is created in the [./Remote\\_Installation/PKG/ClientAgentInstaller/](#) folder.

If the Client Packager is failed to create on macOS Catalina and above, do the following,

- 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 Select the **packages\_dispatcher** check box.
- 6 Now again try to create Client Packager, it will be created successfully.

## Deploying Seqrite Mac client using Apple Remote Desktop

In addition to the [Prerequisites](#) described in the preceding section, follow this prerequisite.

### Prerequisite

Before deploying Seqrite Mac client, ensure that you get Apple Remote Desktop (ARD) tool installed on your administrator computer. To download ARD, visit <https://www.apple.com/in/remotedesktop/>.

To deploy Seqrite Mac client using Apple Remote Desktop, follow these steps:

- 1 Open Apple Remote Desktop.
- 2 Select the Mac client computers from the list of all available computers and then click **Install** to add the package.
- 3 Click the plus (+) sign to locate and add [ClientAgentInstaller.pkg](#) and then click **Install** to begin deployment.

## Deploy Seqrite Mac Client using Casper

In addition to the [Prerequisites](#) described in the preceding section, follow this prerequisite.

### Prerequisite

Before deploying Seqrite Mac client, ensure that you get Casper tool installed on your administrator computer. Casper helps to install software and run scripts remotely on the client computers. To download Casper, visit <http://www.jamfsoftware.com/products/casper-suite/>.

To deploy Seqrite Mac client using Casper, follow these steps:

- 1 Log on to Casper Admin.
- 2 Drag [ClientAgentInstaller.pkg](#) to the window and then select **File > Save**.
- 3 Log on to Casper Remote.
- 4 In the *Computers* tab, select the Mac client computers from the list of available computers.
- 5 In the *Packages* tab, select [ClientAgentInstaller.pkg](#).
- 6 Click **Go**.

## Connecting remotely using Secure Shell

Secure Shell (SSH) is a network protocol that is used to connect to the remote Mac client computers over secure data communication through command line to manage client computers.

## Using Terminal (for Mac or Linux OS)

The administrator computer having either Mac or Linux OS can install the client using this method.

### Prerequisites

Before you install Seqrite Mac client, ensure the following requirements.

- Administrator must have an account on the Mac client computers with admin privileges.
- Enable Remote Login and either allow access for all users, or only for specific users, such as Administrators. You can find this setting on the Mac computer under **System Preferences > Sharing > Remote Login**.
- Ensure that the firewall does not block the port that Secure Shell (SSH) uses, which is by default TCP port 22. This port allows the required communication for remote login.
- If you use the Mac firewall, disable stealth mode. With stealth mode enabled, the remote push installation cannot discover the client through Search Network.
- To disable stealth mode on the Mac computers, do the following,
  - 1 In System Preferences, go to **Security and Privacy**.
  - 2 Click the **Lock** icon and provide password if it is locked.
  - 3 Select **Firewall > Firewall Options**.
  - 4 Clear the **Enable stealth mode** check box if it is selected.
  - 5 Click **OK**.
- Mac Seqrite Client installer must be created on the Seqrite Endpoint Protection. To know about how to create client installer, see [Creating Mac client Installer](#).

### Installing Seqrite Mac client

To install Seqrite Mac client using Terminal, follow these steps on the administrator Mac computer:

- 1 On the Seqrite Endpoint Protection, download [UEMREMOTEINST.TAR](#) from the URL, <http://dlupdate.quickheal.com/builds/seqrite/uemcp/en/UEMREMOTEINST.tar>
- 2 Download Mac client builds (with/without AV) from the EPP server. These builds will be in the TAR format.
- 3 Rename the Mac client installer as follows:  
 Mac client installer (without AV) - [MCCLAGNT.TAR](#)  
 Mac client installer (with AV) - [MCCLAGAV.TAR](#)
- 4 Extract UEMREMOTEINST.TAR.
- 5 Copy [MCCLAGNT.TAR](#) or [MCCLAGAV.TAR](#) to "< Download directory>/UEMREMOTEINST". Download directory is the directory where you have downloaded and extracted UEMREMOTEINST.TAR.
- 6 Open Terminal.app and go to the UEMREMOTEINST\Remote\_Installation folder.

- 7 Enter the following command

```
sh ./Scripts/copy.sh <username> <ip_address>
```

---

#### Parameter description

`sh ./Scripts/copy.sh` is static.

`<username>` specifies the user name of the remote Mac computer such as 'test'.

`<ip_address>` specifies the IP address of the remote Mac computer such as '10.10.0.0'.

Example: `sh ./Scripts/copy.sh "test" "10.10.0.0"`

---

- 8 Enter the password of the remote computer to connect to it.
- 9 Enter the command `sudo sh /tmp/install.sh`.
- 10 Enter the password of the remote computer when prompted.
- 11 A confirmation message appears - "If earlier version of Seqrite Endpoint Protectionclient is found on the system, then it will be uninstalled automatically. Do you want to continue?? [Yes/No]:".
- 12 Enter **Yes** or **No**.
  - If you enter **Yes**, installation will proceed.
  - If you enter **No**, installation will be aborted with message "Option No has been selected. Installation aborted."
- 13 Enter the command `exit` to close remote SSH session.

Repeat steps 6 through 10 to install Seqrite Mac client on a different remote computer.

## Using PuTTY (for Windows OS)

The administrator computer having Windows OS can install the Mac client using this method.

### Prerequisites

Before you install Seqrite Mac client, ensure the following requirements.

- Administrator must have an account on the Mac client computers with admin privileges.
- Enable Remote Login and either allow access for all users, or only for specific users, such as Administrators. You can find this setting on the Mac client computer under **System Preferences > Sharing > Remote Login**.
- Ensure that the firewall does not block the port that Secure Shell (SSH) uses, which is by default TCP port 22. This port allows the required communication for remote login.
- If you use the Mac firewall, disable stealth mode. With stealth mode enabled, the remote push installation cannot discover the client through Search Network.
- To disable stealth mode on the Mac computers, do the following,

- 1 In System Preferences, go to **Security and Privacy**.
  - 2 Click the **Lock** icon and provide password if it is locked.
  - 3 Select **Firewall > Firewall Options**.
  - 4 Clear the **Enable stealth mode** check box if it is selected.
  - 5 Click **OK**.
- Mac Seqrite client installer must be created on the Seqrite Endpoint Protection. To know about how to create client installer, see [Creating Mac client Installer](#).

## Installing Seqrite Mac Client

To install Seqrite Mac client using PuTTY, follow these steps:

- 1 On the Seqrite Endpoint Protection, download [UEMREMOTEINST.TAR](#) from the URL, <http://dlupdate.quickheal.com/builds/seqrite/uemcp/en/UEMREMOTEINST.tar>
- 2 Download Mac client builds (with/without AV) from the EPP server. These builds will be in the TAR format.
- 3 Rename the Mac client installer as follows:  
Mac client installer (without AV) - [MCCLAGNT.TAR](#)  
Mac client installer (with AV) - [MCCLAGAV.TAR](#)
- 4 Extract UEMREMOTEINST.TAR.
- 5 Copy [MCCLAGNT.TAR](#) or [MCCLAGAV.TAR](#) to "<Download directory>/UEMREMOTEINST". Download directory is the directory where you have downloaded and extracted UEMREMOTEINST.TAR.
- 6 Open [cmd.exe](#) and go to the folder "< Download directory>/UEMREMOTEINST".
- 7 Do one of the following:
  - Enter the following command if antivirus is included in the client installer
 

```
.\Remote_Installation\Softwares\pscp.exe .\ MCCLAGAV .TAR
.\Remote_Installation\Scripts\install.sh
<username>@<ip_address>:/tmp/
```
  - Enter the following command if antivirus is not included in the client installer
 

```
.\Remote_Installation\Softwares\pscp.exe .\MCCLAGNT.TAR
.\Remote_Installation\Scripts\install.sh
<username>@<ip_address>:/tmp/
```



When MCCLAGAV.TAR as well as MCCLAGNT.TAR files are present, priority is given to the MCCLAGAV.TAR for installing the Seqrite mac client.

---

### Parameter description

<username> specifies the user name of the remote Mac client computer such as 'test'.

<ip\_address> specifies the IP address of the remote Mac client computer such as '10.10.0.0'.

Example: `.\Remote_Installation\Softwares\pscp.exe .\MCCLAGNT.TAR  
.\Remote_Installation\Scripts\install.sh test@10.10.0.0:/tmp/.`

---

- 8 Open `.\Remote_Installation\Softwares\putty.exe`.
- 9 Enter the IP address of the remote Mac client computer and click *Open*.
- 10 In the PuTTY terminal Window, enter the user name and password of an administrator user on the remote computer.
- 11 Upon getting connected to the remote computer, type the following command `sudo sh /tmp/install.sh`.
- 12 A confirmation message appears - "If earlier version of Seqrite Endpoint Protectionclient is found on the system, then it will be uninstalled automatically. Do you want to continue?? [Yes/No]:".
- 13 Enter **Yes** or **No**.
  - If you enter **Yes**, installation will proceed.
  - If you enter **No**, installation will be aborted with message "Option No has been selected. Installation aborted."
- 14 Type the command `exit` to close SSH connection.

Repeat steps 6 through 11 to install on a different Mac client computer.

Note

---

While installing the Mac client for the first time on Mac OS 10.13, user should allow permission for loading the drivers manually when prompted.

---

## Deploying through ManageEngine

Following are the steps to deploy Endpoint Protection clients using ManageEngine.

### 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:

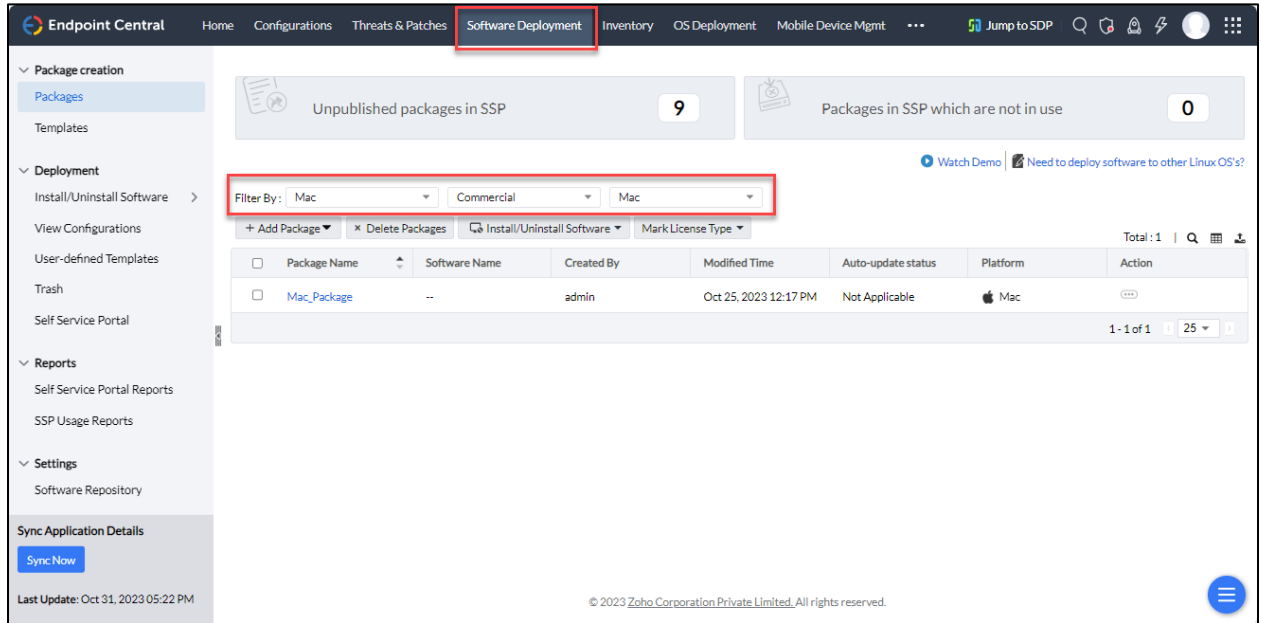
1. Log in to the Manage Endpoint Central Console.
2. Go to **Configuration** and select **Mac**.
3. Select **Custom Configuration**.
4. Enter custom configuration name.
5. Download the profile from  
<http://download.quickheal.com/builds/seqrite/84/en/build/SeqriteMacProfile.zip>
6. Extract the downloaded **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

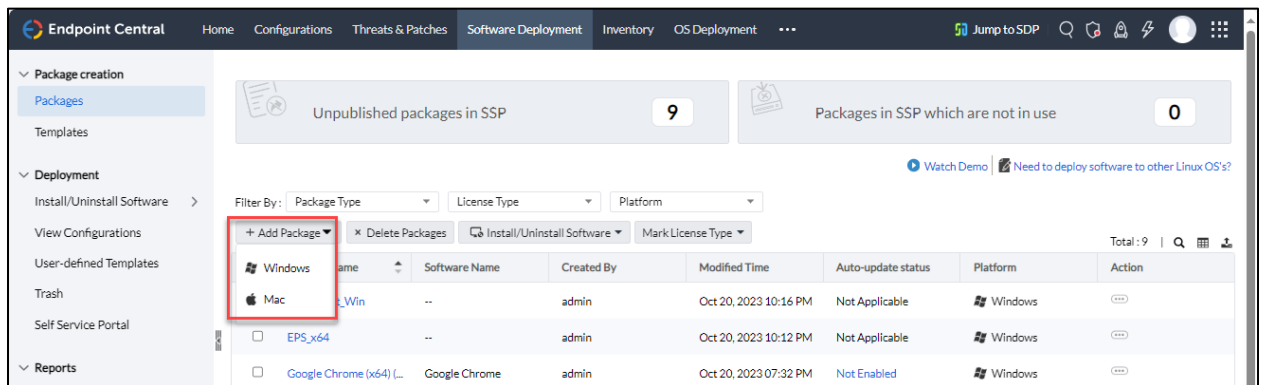
1. Log in to the Manage Endpoint Central Console.
2. Go to **Software Deployment**.



The screenshot shows the ManageEngine Endpoint Central console. The 'Software Deployment' tab is selected. 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 shows 'Unpublished packages in SSP' with a count of 9. Below this, there are filter dropdowns for 'Filter By: Mac', 'License Type: Commercial', and 'Platform: Mac'. The 'Add Package' button is highlighted with a red box. The table below shows one package: 'Mac\_Package' created by 'admin' on 'Oct 25, 2023 12:17 PM' with 'Not Applicable' auto-update status and 'Apple Mac' platform.

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 'Software Deployment' tab is selected. The left sidebar is the same as the previous screenshot. The main content area shows 'Unpublished packages in SSP' with a count of 9. Below this, there are filter dropdowns for 'Filter By: Package Type', 'License Type', and 'Platform'. The 'Add Package' button is highlighted with a red box. The 'Package Type' dropdown is open, showing 'Windows' and 'Mac' options, with 'Mac' selected. The table below shows three packages: 'Mac\_Package', 'EPS\_x64', and 'Google Chrome (x64) L'.

Package Name	Software Name	Created By	Modified Time	Auto-update status	Platform	Action
Mac_Package	--	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) L	Google Chrome	admin	Oct 20, 2023 07:32 PM	Not Enabled	Windows	...

4. Enter the **Package Name**.

Endpoint Central

Home Configurations Threats & Patches Software Deployment Inventory OS Deployment ...

Jump to SDP

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

Settings

Software Repository

Sync Application Details

Sync Now

Last Update: Oct 31, 2023 05:22 PM

Quick Links

Packages > Mac Package Creation

Enter Package Details

Package Name \*

License Type \*

Installation Uninstallation

Upload Files (Max 12 GB) \*

Note: Uploading the installable, will create a package to install the software application using the default installation command. If you wanted to customize the installation or change the default installation location, then you need to specify an installation command under the Advanced options. [Learn More](#)

Advanced Options

Package Properties

Add Package Cancel

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**.

Endpoint Central

Home Configurations Threats & Patches Software Deployment Inventory OS Deployment ...

Jump to SDP

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

Settings

Software Repository

Sync Application Details

Sync Now

Last Update: Oct 31, 2023 05:22 PM

Quick Links

Packages > Mac Package Creation

Enter Package Details

Package Name \*

License Type \*

Installation Uninstallation

Upload Files (Max 12 GB) \*

Note: Uploading the installable, will create a package to install the software application using the default installation command. If you wanted to customize the installation or change the default installation location, then you need to specify an installation command under the Advanced options. [Learn More](#)

Advanced Options

Package Properties

Add Package Cancel

9. Give an appropriate name for configuration.

The screenshot shows the 'Install/Uninstall Mac Software (Computer)' configuration page 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), and Reports (Self Service Portal Reports, SSP Usage Reports). The main content area is titled 'Install/Uninstall Mac Software (Computer)' and includes a 'Watch Demo' link. The 'Name and Description' section has a 'Name' field with the value 'MyConfiguration96' and an 'Add Description' link. The 'Package Settings' section shows 'Operation Type' with 'Install' selected and 'Uninstall' as an option. The 'Package Name' field is set to 'Select' with a refresh icon. Below this is an 'Add More Packages' button. The 'Deployment Settings' section has an 'Apply Deployment Policy' field set to 'Select Policy' with a refresh icon and a 'Create/Modify/Save As Policy' link. At the bottom, there is a 'Define Target' section. The bottom right corner features a 'Help' link and a hamburger menu icon. The bottom left corner shows 'Sync Application Details' with a 'Sync Now' button and 'Last Update: Nov 1, 2023 05:22 PM'.

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**.