Seqrite Endpoint Protection Cloud 5.0

Deploying EPP Clients via ManageEngine

Installation Steps

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Overview

This document guides you with the steps to deploy End Point Protection clients using Manage Engine. 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

Manage Engine - 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**.

| 😑 Endpoint Central | Hon | ne Configurations | Threats & Patches | Software Deployment | Inventory ••• | Jump to SDP | २ ७ 🛯 ४ 🕕 🏭 |
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| imes Add Configurations | C | Windows tion | | | | | |
| Configuration | > | 🔹 Mac 🛛 ons wil | l be applied during user | logon/refresh cycle and the c | computer configuration will be applied | during computer startup/refresh | n cycle. |
| Templates | | ∆ Linux | | | | | |
| Collection | > | Windows | Mac | Linux | | | |
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| All Configurations | | Custom Scri | pt | Display | Drive Mappi | ng 🚳 i | Environment Variable |
| Trash | | | ž. | 1 | | | |
| ✓ Reports | X | File Folder 0 | Operation | 🚔 Firewall | ক্রি Folder Back | up চিঁ। | Folder Redirection |
| USB Reports | | T Fonts | | 🗐 General | 8 Group Mana | gement 🕞 I | P Printer |
| Configuration Reports | > | Install/Unin | stall Windows Pat | [♥] Install/Uninstall Wi | ndows Sof >_ Launch Appl | ication 📑 I | Legal Notice |
| \vee Settings | | | | | | | |
| Configuration Settings | | MS Office | | MS Outlook | Message Box | | Outlook Exchange Profile |
| Script Repository | | ~ | | | | Rac | |

- Endpoint Central Home Configurations Threats & Patches Software Deployment Inventory ••• Jump to SDP Q 🕝 🖉 🦻 Add Configurations Add Configuration Configuration > User Configurations will be applied during user logon/refresh cycle and the computer configuration will be applied during computer startup/refresh cycle. Templates Windows Linux Mac Collection > Browser G Certificate Distribution () Alerts Common Folder Redirection ✓ Views All Configurations 🕞 Custom Script 🛛 🖓 Display Drive Mapping Binvironment Variable Trash File Folder Operation Firewall Folder Backup D Folder Redirection ✓ Reports USB Reports T Fonts General IP Printer Croup Management Configuration Reports > Install/Uninstall Windows Pat... Install/Uninstall Windows Sof... Launch Application Legal Notice ✓ Settings MS Office 🗐 Message Box Configuration Settings MS Outlook Outlook Exchange Profile Script Repository S Path Permission Management Power Management Registry
- 3. On Add Configuration page, click Custom Scripts.

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

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|------------------------------------|--|---|---|--|--|--|--|--|--|--|--|--|
| Add Configurations | Windows Configuration > Custom Script | | | | | | | | | | | |
| Templates | Custom Script (Computer) Name and Description | | | | | | | | | | | |
| Collection > | | | | | | | | | | | | |
| Views | Name* hyConfiguration88 × 87 Add Desortpation | | | | | | | | | | | |
| All Configurations | Configure Custom Script | | | | | | | | | | | |
| Reports | Execute Script from / Run | O Repository O Command Line | | | | | | | | | | |
| USB Reports | Script Name * | Search and Select from Script Repository | Create/ModHy Script | | | | | | | | | |
| Configuration Reports > | Script Arguments(s) | | | | | | | | | | | |
| Settings Configuration Settings | Dependency Files(s) | Choose files (or) Drop here | △ Browse | | | | | | | | | |
| Script Repository | Specify the exit code(s) | 0 | The exit code(s) confirm If the script has been executed successfully | | | | | | | | | |
| | Tin case of multiple exit codes, erfer them separated by comma] Prequency Once Ducing Every Samue Every Refresh Cycle P | | | | | | | | | | | |
| | Run As | | | | | | | | | | | |
| | Define Target | не | | | | | | | | | | |
| | Target 1 Remote Office/Dr | omain Choose either Remote Office or Domain | <i>∦</i> ₹ | | | | | | | | | |
| | Execution Settings: [Optional] | | н | | | | | | | | | |
| Need more Configurations? | 🗖 Barana kita ana Camaritan an Balla da ana | *** | | | | | | | | | | |
| | Retry for | 2 • time(s), out of u | Alch reny | | | | | | | | | |
| | | 1 + 1 + time(s) during s time(s) during s | tamop efeati | | | | | | | | | |
| Need more Configurations? | Enable Notification | | | | | | | | | | | |
| | Exable Nodification Exable Nodification Exables philosphin, will automatically send notifications via email based on the specified frequency | | | | | | | | | | | |
| | | | Deploy Deploy Immediately Save As - Cancel | | | | | | | | | |
| | | | | | | | | | | | | |

- 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 <u>http://s.sudre.free.fr/Software/Packages/about.html.</u>
- 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.
 - Select Full Disk Access in the left pane.
 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:

 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/segrite/uemcp/en/UEMREMOTEINST.tar

- 2. Download Mac client installer from the EPP server. These builds will be in the TAR format
- 3. Rename the Mac client installer as follows:
 - Mac client installer MCCLAGNT.TAR
- 4. Extract UEMREMOTEINST.TAR.
- 5. Copy MCCLAGNT.TAR to /UEMREMOTEINST.

6. Open Terminal.app with user having administrative privileges on the Mac computer and go to the UEMREMOTEINST folder.

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.
- Download the profile from <u>http://download.quickheal.com/builds/seqrite/50/en/build/SeqriteMacProfile.zip</u> Extract the downloaded SeqriteMacProfile.zip, it will contain SeqriteMacProfile10.12.mobileconfig
- 6. Click Browse. The downloaded SeqriteMacProfile10.12.mobileconfig into the Custom Configuration profile.

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

- 7. Define Target:
 - a. Remote Office/Domain: Select the domain name.
 - 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.)
- 8. Click **Deploy** Immediately.

Mac Client Deployment with ManageEngine

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

| Endpoint Central | Hom | e Config | urations T | hreats & Pa | atches | Software Deploymer | nt Inventory | OS Deployment | Mobile D | evice Mgmt 🔹 🔹 | • | 50 Jump to SDP | 908 | a & 🌔 🏢 |
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| Package creation Packages Templates | | E® | Unpubl | lished pa | ickage | s in SSP | | 9 | F | Packages in SS | P whic | h are not in use | | 0 |
| V Deployment Install/Uninstall Software View Configurations | > | Filter By : + Add Pa | Mac ackage▼ × | Delete Pa | • ckages | Commercial | ▼ Mac | rkLicenseType ▼ | | | Wate | ch Demo 🛛 😰 Need to | o deploy softwa | re to other Linux OS's? |
| User-defined Templates | | D F | Package Name | \$ | Softwa | are Name C | reated By | Modified T | īme | Auto-update sta | atus | Platform | Act | tion |
| Trash | | | Mac_Package | | | ac | dmin | Oct 25, 20 | 23 12:17 PM | Not Applicable | | 🔹 Mac | (*** |) |
| Self Service Portal | | | | | | | | | | | | | 1-10 | of 1 2 25 💌 1 |
| Sync Application Details Sync Now Last Update: Oct 31, 2023 05:22 Pt | м | | | | | | © 2023 <u>Zoho (</u> | Corporation Private | <u>Limited.</u> All rig | hts reserved. | | | | 6 |

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

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| Package creation Packages | | nublished nackag | es in SSP | 9 | | Packages in SSP whic | h are not in us | • 0 |
| Templates | U U | рибланси раскад | 551 | | | • White • Watch | n Demo 🛛 🖉 Need to | o deploy software to other Linux OS's? |
| Install/Uninstall Software | Filter By: Package | • Type • | License Type 💌 | Platform | * | | | |
| View Configurations | + Add Package 🕶 | × Delete Packages | G Install/Uninstall Softw | vare 👻 Mark License Type | • | | | Total:9 Q, 🏢 🕹 |
| User-defined Templates | 💐 Windows | ame 🌻 Softv | vare Name Create | ed By Modifi | ed Time | Auto-update status | Platform | Action |
| Trash | 🗯 Mac | t_Win | admin | Oct 20 | , 2023 10:16 PM | Not Applicable | 🕼 Windows | |
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| ✓ Reports | Google Cl | hrome (x64) (Goog | le Chrome admin | Oct 20 | , 2023 07:32 PM | Not Enabled | 🕼 Windows | |

4. Enter the **Package Name**.

| | Pa | ckages > Mac Package Creat | ation | | | | | | | |
|--|---------|--|---|--|--|----------|---------------------------|----------------|-------------|--------|
| Packages | | Enter Package Details | | | | | | | | |
| Templates | | anter i benage betans | | | | | | | | |
| Deployment | | Package Name * | | Max 100 chars. | | | | | | |
| Install/Uninstall Software | | License Type * | | Select | ¥ | | | | | |
| View Configurations | | | | | | | | | | |
| User-defined Templates | | Installation | Uninstallation | | | | | | | |
| Turk | | | | | | | | | | |
| Irash | | Upload Files (Max 12 G | GB)* | Choose files (or) Drop he | re | | | | | |
| Self Service Portal | IJ | Upload Files (Max 12 C | GB)* | Choose files (or) Drop he | re | ⊥ Browse | | | | |
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| Trasn Self Service Portal Reports Self Service Portal Reports SSP Usage Reports | ×. | Upload Files (Max 12 C Note: Uploading the ins installation location, th Advanced Opt | GB)* nstallable, will create a hen you need to speci tions | Choose files (or) Drop he package to install the software application y an installation command under the Adva | re using the default installation need options. Learn More | | ed to customize the insta | allation or ch | ange the de | efault |
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- 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 | | 50 Jump to SDP | ୧ଓଛ୫ 🕕 🏭 |
|------------------------------|-----------------------------------|--|---|--|---------------------------|--------------------------------|
| ✓ Package creation | Package Name * | Max 10 | 10 chars. | | | |
| Packages Templates | # Windows 요 User Configuration | Select | | - | | |
| ✓ Deployment | Computer Configuration | stanation | | | | |
| Install/Uninstall Software > | 🗰 Mac | Cho | ose files (or) Drop here | ⊥ Browse | | |
| View Configurations | Computer Configuration | J | | | | |
| User-defined Templates | ∆ Linux | e, will create a package to install the heed to specify an installation comm | software application using the default hand under the Advanced options. Lear | installation command. If you wan n More | ted to customize the inst | allation or change the default |
| Trash | Computer Configuration | | | | | |
| Self Service Portal | 3 | | | | | |
| ✓ Reports | | | | | | |
| Self Service Portal Reports | Package Properties | | | | | |
| SSP Usage Reports | | | | | | |
| ✓ Settings | | | Add Package Ca | incel | | |

9. Give an appropriate name for configuration.

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|--|---|-----------------------------|---------------|---------------------------|--------------------------------|
| Package creation Packages | Install/Uninstall Mac Software (Comp | uter) | | | Watch Demo |
| Templates | Name and Description | | | | |
| ✓ Deployment Install/Uninstall Software | Name * | MyConfiguration96 | Add Desc | ription | |
| View Configurations | Install/Uninstall Mac Software (OS X 10.6 | 5 and above) | | | |
| User-defined Templates | Package Settings | | | | |
| Trash | Operation Type | O Install ○ Uninstall | | | |
| Self Service Portal | Package Name * | Select | - C | | |
| Reports Self Service Portal Reports | | Add | More Packages | | |
| SSP Usage Reports | Deployment Settings | | | | |
| Sync Application Details | Apply Deployment Policy* | Select Policy | - Cre | ate/Modify/Save As Policy | |
| Last Update: Nov 1, 2023 05:22 PM | Define Target | | | | Hele |

- 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 listvalues.
- 13. Define Target:
 - a. Remote Office/Domain: Select the domain name.
 - 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.

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| ✓ Add Configurations | | Linux Configuration) Custom Script | | | | | | | | |
| Configuration | > | Custom Script (Computer) | | | | | | | | |
| Templates | | Name and Description | | | | | | | | |
| Collection | > | | | | | | | | | |
| \vee Views | | Name " | MyConfiguration95 | Add Description | | | | | | |
| All Configurations | | Configure Custom Script | | | | | | | | |
| Trash | | | | | | | | | | |
| ✓ Reports | | Execute Script from / Run | Repository O Command Line | | | | | | | |
| USB Reports | | Command Line * | | | | | | | | |
| Configuration Reports | > | Dependency Files(s) | Choose files (or) Drop here | 企 Browse | | | | | | |
| ✓ Settings | | Specify the exit code(s) | 0 | The evit code(s) confirm if the script has been executed successfully. | | | | | | |
| Configuration Settings | | appearly and and added at | [In case of multiple exit codes, enter them : | separated by comma] | | | | | | |
| Script Repository | | Frequency | Frequency Once During Every Startup Every Refresh Cycle 2 | | | | | | | |
| | | | Enable Logging for Troubleshooting | 2 | | | | | | |
| | | Define Target | | | Help | | | | | |
| Need more Configurations? | | Target 1 Damota Office/Dom | Choose either Remote Office or Domain | ₽ ₽ | | | | | | |
| | | | | W | | | | | | |
| | | Execution Settings: [Optional] | | | Help | | | | | |
| 2 Need more Configurations? | | Retry this configuration on faile Enabling this option will retry to d | d targets leploy the configuration on failed targets. | | 0 | | | | | |
| Script Repository | | Enable Notification Enabling this option, will automatically send notifications via email based on the specified frequency | | | | | | | | |
| | | | Deploy Deploy Immediately | Save As Cancel | | | | | | |
| Reed more Configurations? | | | © 2023 Zoho Corporation Private | Limited. All rights reserved. | | | | | | |

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

- 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:
 - Remote Office/Domain: Workgroup
 - Filter Computer based on: Computer Select Linux Client host name.
- 5. Click Deploy Immediately.