

# ESET Tech Center

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## Deploying ESET Management Agent for macOS via Intune

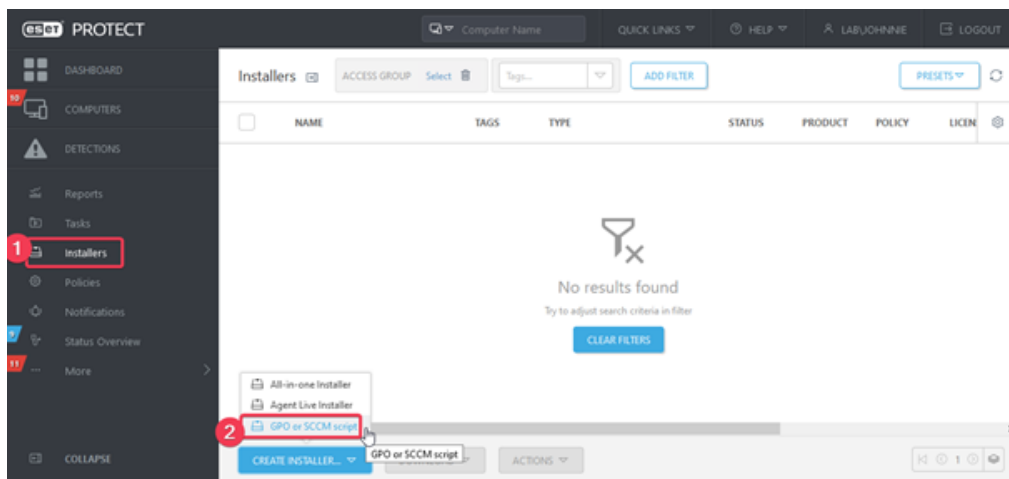
Mitchell | ESET Nederland - 2023-11-22 - Comments (0) - ESET PROTECT (Cloud)

Prerequisites:

- Microsoft Intune environment
- ESET Protect or ESET Protect Cloud

Configuration:

1. Create a configuration file for GPO or SCCM Deployment



Select the appropriate certificate and enter the password if needed. Optionally configure other settings in the advanced section, save the install\_config.ini file.

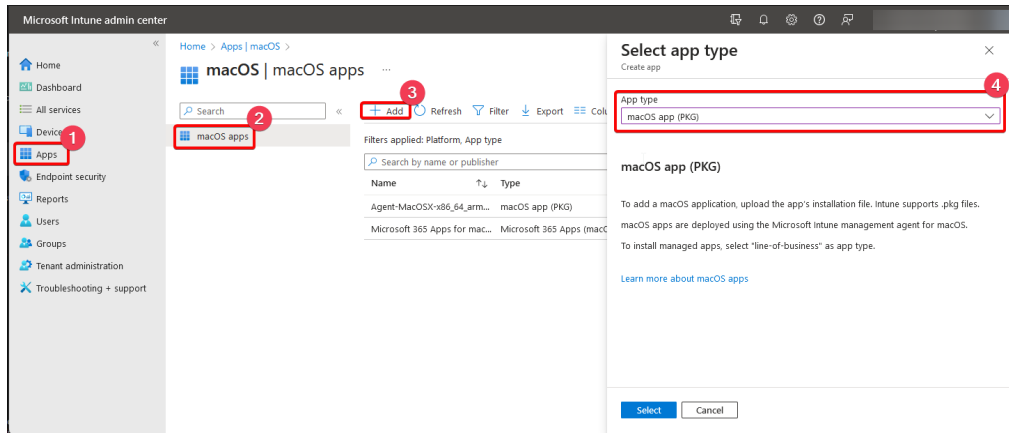
2. Create postflight.plist file using the data from the install\_config.ini from the previous step and the following template:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
<key>Hostname</key><string>insert_value_from_install_config.ini_
here</string>
```

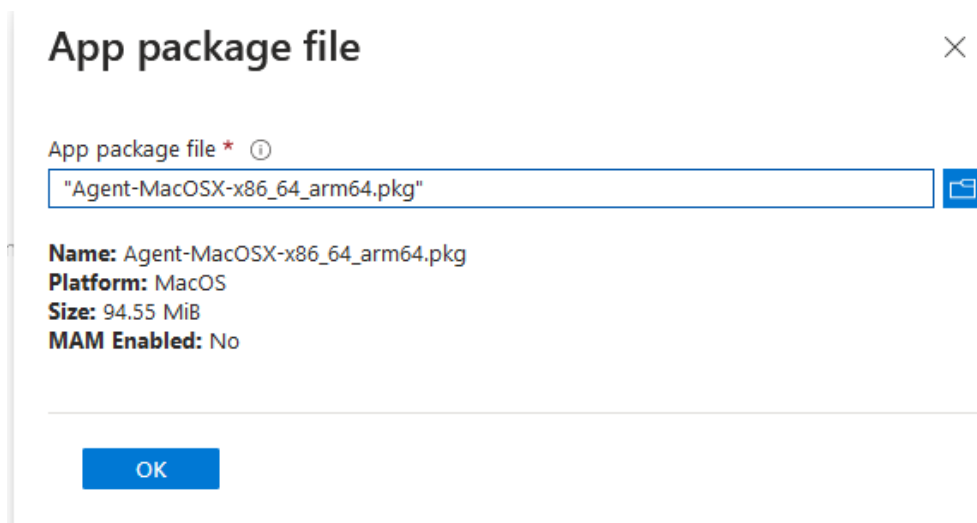
```
<key>SendTelemetry</key><string>0</string>
<key>PeerCertPassword</key><string>insert_value_from_install_con
fig.ini_here</string>
  <key>PeerCertPasswordIsBase64</key><string>yes</string>
<key>Port</key><string>insert_value_from_install_config.ini_here
</string>
<key>PeerCertContent</key><string>insert_value_from_install_conf
ig.ini_here</string>
<key>CertAuthContent</key><string>insert_value_from_install_conf
ig.ini_here</string>
<key>InitialStaticGroup</key><string>insert_value_from_install_c
onfig.ini_here</string>
<key>UseProxy</key><string>insert_value_from_install_config.ini_
here</string>
<key>ProxyHostname</key><string>insert_value_from_install_config
.ini_here</string>
<key>ProxyPort</key><string>insert_value_from_install_config.ini
_here</string>
<key>ProxyUsername</key><string>insert_value_from_install_config
.ini_here</string>
<key>ProxyPassword</key><string>insert_value_from_install_config
.ini_here</string>
</dict>
</plist>
```

*Note: Remove the keys that have no value, most commonly this will be the following:  
PeerCertPassword (in this case, also remove PeerCertPasswordIsBase64)  
InitialStaticGroup  
UseProxy (Remove all other proxy related keys as well)*

3. Upload this file to a webserver that is reachable for the clients you wish to deploy the EM Agent to.
4. Download the EM Agent for MacOS from our download page:  
[https://download.eset.com/com/eset/apps/business/era/agent/latest/agent-macosx-x86\\_64\\_arm64.dmg](https://download.eset.com/com/eset/apps/business/era/agent/latest/agent-macosx-x86_64_arm64.dmg) and extract the .PKG file from the dmg
5. Create a new app within Intune:  
(Apps > macOS > macOS Apps > Add > macOS app (PKG))



6. Select the previously extracted PKG file:



7. Optionally add additional information, categories etc:

## Add App ...

macOS app (PKG)

1 App information 2 Program 3 Requirements 4 Detection rules 5 Assignments 6 Review + create

Select file *	<a href="#">Agent-MacOSX-x86_64_arm64.pkg</a>
Name *	<input type="text" value="Agent-MacOSX-x86_64_arm64.pkg"/>
Description *	<input type="text" value="Agent-MacOSX-x86_64_arm64.pkg"/>
Publisher *	<input type="text" value="ESET"/>
Category	<input type="text" value="0 selected"/>
Information URL	<input type="text" value="Enter a valid url"/>
Privacy URL	<input type="text" value="Enter a valid url"/>
Developer	<input type="text"/>
Owner	<input type="text"/>
Notes	<input type="text"/>
Logo	<a href="#">Select image</a>

8. In the "Program" tab add the following pre-install script:  
(don't forget changing the download url)

```
#!/bin/sh -e
curl --fail --connect-timeout 300 -o /tmp/postflight.plist
https://example.com/postflight.plist
```

*Note: Unfortunately the contents of the postflight.plist file are bigger than the character limit of the pre-install script field, this is why we resort to downloading the file from a webserver rather than adding the contents directly into the pre-install script.*

## Add App

macOS app (PKG)

- 1 App information
- 2 Program**
- 3 Requirements
- 4 Detection rules
- 5 Assignments
- 6 Review + create

Configure the app installation scripts.

Pre-install script ⓘ

```
#!/bin/sh -e
curl --fail --connect-timeout 300 -o /tmp/postflight.plist https://example.com/postflight.plist
```

Post-install script ⓘ

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- In the “Requirements” tab select macOS High Sierra 10.13 or later if you prefer.

## Add App

macOS app (PKG)

- 1 App information
- 2 Program
- 3 Requirements**
- 4 Detection rules
- 5 Assignments
- 6 Review + create

Minimum operating system \* ⓘ

macOS High Sierra 10.13

- In the “Detection rules” tab, remove the highlighted entries, leaving only the “com.eset.remoteadministrator.agent” entry.

✓ App information   ✓ Program   ✓ Requirements   **4** Detection rules   5 Assignments   6 Review + create

Ignore app version ⓘ Yes No

Configure the app bundle identifiers and version numbers to be used to detect the presence of the app.

Included apps

**i** Provide the list of apps included in the uploaded file. The app list is case-sensitive. The app listed first is used as the primary app in app reporting. [Learn more about included apps.](#)

App bundle ID (CFBundleIdentifier)	App version (CFBundleShortVersio...	
com.eset.remoteadministrator.agent.installer.ServerConnectionDialog	1.0	
com.eset.remoteadministrator.agent.installer.CertificatesDialog	1.0	
com.eset.remoteadministrator.agent.installer.LicenseDialog	1.0	
com.eset.remoteadministrator.agent.installer.TelemetryDialog	1.0	
com.eset.remoteadministrator.agent	10.1.3268.0	

Enter bundle ID  Enter app version

after:

✓ App information   ✓ Program   ✓ Requirements   **4** Detection rules   5 Assignments   6 Review + create

Ignore app version ⓘ Yes No

Configure the app bundle identifiers and version numbers to be used to detect the presence of the app.

Included apps

**i** Provide the list of apps included in the uploaded file. The app list is case-sensitive. The app listed first is used as the primary app in app reporting. [Learn more about included apps.](#)

App bundle ID (CFBundleIdentifier)	App version (CFBundleShortVersio...	
<input type="text" value="com.eset.remoteadministrator.agent"/>	<input type="text" value="10.1.3268.0"/>	

Enter bundle ID  Enter app version

11. In the “Assignments” tab Set up the desired assignments: (e.g. required for all devices)

Home > Apps | macOS > macOS | macOS apps >

**Add App** ... ×  
macOS app (PKG)

✓ App information   ✓ Program   ✓ Requirements   ✓ Detection rules   **5** Assignments   6 Review + create

**i** Any macOS app deployed using Intune agent will not automatically be removed from the device when the device is retired. The app and data it contains will remain on the device. If the app is not removed prior to retiring the device, the end user will need to manually remove the app.

**Required** ⓘ

Group mode	Group	
<span>+</span> Included	All devices	...

+ Add group ⓘ + Add all users ⓘ + Add all devices ⓘ

12. Review the settings and finish by clicking “Create”

# Add App

macOS app (PKG)

- ✔ App information
- ✔ Program
- ✔ Requirements
- ✔ Detection rules
- ✔ Assignments
- 6** Review + create

## Summary

### App information

App package file	Agent-MacOSX-x86_64_arm64.pkg
Name	Agent-MacOSX-x86_64_arm64.pkg
Description	Agent-MacOSX-x86_64_arm64.pkg
Publisher	ESET
Category	No Category
Information URL	No Information URL
Privacy URL	No Privacy URL
Developer	No Developer
Owner	No Owner
Notes	No Notes
Logo	No logo

### Program

Pre-install script	<pre>#!/bin/sh -e curl --fail --connect-timeout 300 -o /tmp/postflight.plist https://example.com/postflight.plist</pre>
Post-install script	No Post-install script

### Requirements

Minimum operating system	macOS High Sierra 10.13
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### Detection rules

Ignore app version	Yes
Included apps	com.eset.remotedeadministrator.agent 10.1.3268.0

### Assignments

Group mode	Group
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> Required

Previous

Create