

Installation of Jamf Protect and System Extension instead of LaunchDaemon:

Jamf have released an updated version of Jamf Protect (JamfProtect-2.0.1+343 where they move away from LaunchDaemon and move towards System Extension instead..

Information from Jamf:

" On computers with macOS 10.15 or later, Jamf Protect runs as a macOS system extension. This improves the performance, stability, and integrity of Jamf Protect on computers while continuing to run in the user space.

Important: Migrating computers to the system extension is not required but strongly recommended. Computers that do not meet the requirements to run the system extension will continue to run Jamf Protect as a launch daemon."

Installing Jamf Protect on unmanaged clients/clients that are managed with an MDM tool such as Jamf Pro, Kandji among others.

- It's not possible to automatize the installation flow on a client that's not centrally managed or managed through an MDM tool. The reason for this is that installation of a profile containing a "PPPC/System Extension" cannot be automatized centrally in the same way as is possible for clients connected to SU Workstation (Arbetsplatstjänsten (SUA)).
- If you download and try to install the same installation package for Jamf Protect that is used for "SUA" containing a PPC/System Extension profile you will fail. This is because Apple is restricting in what way these payloads are to be installed automatically in a larger system environment, and it's only possible through MDM.
- On clients not connected to SU Workstation/SUA the user will be prompted to approve that a PPC/System Extension may be installed when the locally installed version of Jamf Protect automatically has updated to "JamfProtect-2.0.1+343". The same applies to new installations of "JamfProtect-2.0.1+343" for supported versions of macOS.
- If the user clicks "Approve" and continue Jamf Protect will restart and run as a System Extension. If the user clicks "Deny" or just closes the window with the "Approve" prompt Jamf Protect will continue to work as before with LaunchDaemon until the user manually goes to System Preferences and chooses "Approve Jamf Protect"
- Clients not managed through MDM won't have as smooth of an experience as there aren't the same possibilities/functions to approve/whitelist or approve "PPPC/System Extension" centrally. Unmanaged clients will need an administrator to approve SystemExtension on the client itself. The fact that Jamf Protect can continue to function together with LaunchDaemon is however good.

About system extensions and macOS & If you get an alert about a system extension

<https://support.apple.com/en-us/HT210999>

