ESAP
Release Notes

Release, Build	**3.8.4**
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Contents

Introduction

V3 SDK Version: Mac and Windows 3.6.11667.2

V4 SDK Version: Windows 4.3.2325.0 Mac 4.3.1970.0

V3V4 Adapter Version: Windows 4.3.1478.0 Mac 4.3.1435.0

Note: The SDK embedded in this ESAP version has been tested and qualified to interoperate with an extensive list of endpoint security applications covering most products listed in the supported products list.

Interoperability and Supported Platforms

Please refer to the **ESAP Supported Platforms Guide** for supported versions of browsers and operating systems in this release.

Noteworthy Changes

- Pulse Secure introduced support for consuming the latest OPSWAT SDK Version 4 in 8.2R5 PCS and PPS 5.3 R5 PPS release.
    - OPSWAT SDK's are bundled within our Endpoint Security Assessment Plugin (ESAP). From ESAP 3.0.3 onwards, OPSWAT V4 SDK for Windows and Mac are packaged alongside existing V2 and V3 SDKs.
    - Uploading ESAP 3.0.3 or Later on PCS 8.2R4 and below or PPS 5.3R4 and below release will continue to install and leverage the older Version 2 and Version 3 OPSWAT SDKs. There will be no change in the functionality/usage on PCS 8.2R4 / PPS 5.3R4 and below release versions.
    - Uploading ESAP 3.0.3 or later on PCS 8.2R5 PCS or PPS 5.3R5 releases, we will install OPSWAT V4 SDK version along with V2 and V3 SDKs.
    - On the PCS 8.2R5 and PPS 5.3R5 Admin UI, Administrators have a choice to select whether OPSWAT V3 or V4 SDK will be consumed on the device running PCS 8.2R5 or PPS 5.3R5. Please refer to the section "Activating the OPSWAT SDK Version" in the PCS 8.2R5 and PPS 5.3R5 Administration Guide available on Techpubs website for more information.
    - Endpoint Security Assessment Plug-In (ESAP) provides support for predefined checks on Windows and MAC platforms. ESAP package contains V2, V3 and V4 OPSWAT SDK versions. Support for V2 and V3 OPSWAT SDK is ended. Hence, this ESAP release has only OPSWAT V4 version updated in ESAP package. Refer to KB article http://kb.pulsesecure.net/articles/Pulse_Technical_Bulletin/TSB41055 on Pulse Secure site for more details.

ESAP 3.8.4 and Pulse Connect Secure/Pulse Policy Secure Compatibility Chart

This ESAP package can be installed on the following Pulse Connect Secure/ Pulse Policy Secure software versions.

- PCS 9.1RX
- PCS 9.0RX
- PCS 8.3Rx
- PCS 8.2Rx
- PCS 8.1Rx
- PPS 9.1RX
- PPS 9.0RX
- PPS 5.4Rx
- PPS 5.3Rx
- PPS 5.2Rx
- PPS 5.1Rx

Note:

- The ESAP package may install and function without any errors on older releases. However, as the install has not been tested, we recommend that it be used only on the above versions of software releases.
- This ESAP package contains V3 and V4 versions of OPSWAT SDK. From the above compatibility chart V4 is applicable only for release above 8.2R5 and 5.3R5.

Support Has Been Added for the Following Products in ESAP 3.8.4

V4 List of Supported Products

Windows OS

Antivirus Products

- Advanced SystemCare (14.x)
- Pakiet Bezpieczeństwa UPC (1.x)
- Vibranium Advanced Security (10.x)

Antispyware Products

- Advanced SystemCare (14.x)
- Pakiet Bezpieczeństwa UPC (1.x)
- Vibranium Advanced Security (10.x)

Fixed Issues in ESAP 3.8.4

The following table lists Fixed issues in ESAP3.8.4

Problem Report Number	Summary
PRS- 402206	**Summary:** Host Checker stopped detecting McAfee LiveSafe – Internet Security 16.x post upgrade to ESAP 3.8.0
PRS- 402695	**Summary:** Add new BigSur version 11.5 and 11.5.1 for macOS check and iOS 14.7.1

Known Issues/Limitations in ESAP3.8.4

The following table lists known issues/limitations in ESAP3.8.4

Problem Report Number	Release Note
OPSWAT	
958840, 845980	Remediation of Windows Firewall 8 in agentless mode requires administrative privileges and UAC should be turned off.
502783	Endpoint Protection 11.x/12.x is not performed when UAC is enabled or if the scan logs have been deleted or if system scans has never been performed.
495041	The password protection option in the Sunbelt Kerio Firewall product is not supported.
950123	Signatures cannot be downloaded with Trend Micro Office scan Client 10.5 and 10.6. Therefore, the remediation functionality for failing the virus definition check is not supported for Trend Micro Office scan Client 10.5 and 10.6. This is because the executable required to support this functionality is not bundled as part of the TrendMicro product.
PRS-357241	Hostchecker is failing to detect Bitlocker HD encryption 10.x in Windows 10 via browser, but detects with Pulse
PRS-380100	Host Checker stopped working after Upgrading ESAP from 3.3.5 to 3.4.4 or 3.4.5 in Mac OS Mojave 10.14.5 and 10.14.6.
PRS-387410	Windows Update Agent (7.x) takes long time to gather missing patch information on Windows 7 platform
PRS-395662	Using ESAP3.7.1 upgrade/downgrade fail on all macosx platform and need restart system/service (KB44643)
PRS-396891	ESAP can't be upgrade/downgrade on Windows Platform (KB44787)
PRS-397371	Using new ESAP3.7.2 observing dsaccessService and Hostcheck process crash on all macOS platform (KB44643)
PRS- 400762	WaDiagnose.EXE throws error during collecting log from Windows

Documentation

Pulse documentation is available at **https://www.pulsesecure.net/techpubs/**

Documentation Feedback

We encourage you to provide feedback, comments, and suggestions so that we can improve the documentation. You can send your comments to **techpubs-comments@pulsesecure.net.**

Technical Support

When you need additional information or assistance, you can contact "Pulse Secure Global Support Center (PSGSC):

- **https://www.pulsesecure.net/support**

- **support@pulsesecure.net**

- Call us at 1- 844-751-7629 (toll-free USA)

For more technical support resources, browse the support website **https://www.pulsesecure.net/support**

Revision History

The following table lists the revision history for this document.

Revision	Date	Description
1.0	Aug 2021	Initial Publication