



Illumio® Core CLI Tool

Version: 1.4.0

Compatible PCE Versions: PCE 21.4.x, 21.2.3, 19.3.6

Release Notes

11/11/2021

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Welcome

These release notes describe the new features and enhancements for the Illumio Core Advanced Command-line Interface Tool 1.4.0 release.


For more information about the CLI, see the *Illumio Core PCE CLI Tool Guide*, which describes the installation, setup, usage, and tutorials for the CLI tool.

Product Version

Current CLI Tool Version: 1.4.0

The Illumio Core Advanced Command-Line Interface Tool is compatible with these Illumio PCE versions:

- PCE 21.4.x (Standard release)
- PCE 21.2.3 (LTS release)
- PCE 19.3.6 (LTS release)

 When using the CLI Tool 1.4.0 with the Illumio Core PCE 19.3.6, the CLI Tool does not support the qualys-api.

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About CLI Tool Version Numbering and Software

The Illumio Core Advanced Command-Line Interface (CLI) Tool version numbering is independent of the release and version numbering of Illumio Core PCE and VEN. The CLI tool works with multiple versions of the PCE and the VEN and does not necessarily need software changes in parallel with releases of the PCE and the VEN.

About the Advanced Command-Line Interface Tool

With the Illumio Core Advanced Command-Line Interface (CLI) Tool, you can manage many of your PCE's resources directly from your local computer.

You can use the CLI tool to:

- Upload vulnerability data for analysis with Illumination®. After data upload, for information about vulnerability maps, see the *Illumio Core PCE Web Console User Guide*.
- Help with automated management, such as security policy import and export.
- Help with tasks such as directly importing workload information to create workloads in bulk.
- Create, view, and manage your organization's security policy rules, rulesets, labels, and other resources.

Supported Operating Systems

- Ubuntu 18.04
- Ubuntu 20.04
- Centos/RHEL 7.9
- Centos/RHEL 8.4
- Windows 2008 R2 64 bit
- Windows 2012 64 bit
- Windows 2016 64 bit
- Windows 10 64 bit

Changes Since Previous Release

Upload Vulnerability Data

The focus of this topic is to show how to use the `ilo` commands to upload vulnerability data to the PCE for analysis in Illumination®.

After data are uploaded, much of your work with vulnerability maps in Illumination is detailed in the PCE Web Console User Guide.

Using API to Upload Vulnerability Data

IMPORTANT: In the previous CLI 1.3.0 release, Tenable IO and tenable SC have been supporting both manual and API download of vulnerability data while Qualys tool was only available for manual upload. In CLI 1.4, Qualys supports also API upload, with some minor differences in options.

API connects directly to the cloud instance of Tenable or Qualys and the vulnerability tool then scans new vulnerabilities.

Both the Tenable and Qualys tools check and then download new vulnerabilities into the PCE.

Users can also set up cron jobs that run in the desired intervals and check the state of the vulnerability scanner.

Qualys and Tenable scanners work in a similar way, using the username and password and similar options.

Vulnerability Data Formats

In the CLI 1.4.0 release, Illumio supports the following report formats:

- For tenable-io: API, CSV
- For tenable-sc: API, CSV
- For nesses-pro: XML
- For qualys: API, XML

Resolved Issues

- **Vulnerability Maps CLI: Incremental upload of Qualys reports to PCE** (E-80219)
Qualys API now allows for the incremental scheduled upload of Qualys reports to PCE.
- **Add "processed since" option for qualys_api upload** (E-81882)
The option `scanned-after` was added for CLI 1.4 in sync with the naming provided by Qualys.
- **The bundled certificate expired: error message 'certificate verify failed'** (C-501)
Added the ISRG Root X1 certificate to the binary.

Known Issues

- There are no known issues in this release.

About Illumio

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Illumio products and services are built on Illumio's patented technologies. For more information, see [Illumio Patents](#).

Security Information

For information about known security issues, security advisories, and other security guidance pertaining to this release, see Illumio's Knowledge Base in the Illumio Support portal.

Illumio Professional Services for Deployment

To ensure optimal deployment of the Illumio Core, contact your Illumio Professional Services representative.

Preview Features

Any preview feature of the Illumio Core is for your evaluation only. The purpose of preview features is to make them more useful for your organization's needs before general availability.

Do not deploy preview features in a production environment

To avoid inadvertently impacting your current system, install preview features *only* in a non-production environment.

Illumio welcomes your comments and suggestions for improving preview features and documentation. For more information and to send feedback, contact Illumio Customer Support.

Training, Knowledge Base, and Documentation

illumio offers a wide yet focused training curriculum for illumio Core, from beginning to advanced topics.

To see available courses, log into your [illumio support account](#) and select the **Training** tab.

For useful short articles about illumio Core, log into your [illumio support account](#) and select the **Knowledge Base** or **Documentation** tab.

Contact Us

If you cannot find what you are looking for in this document or on the support site, contact us at:

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