Illumio Core®
Compatible versions: 19.3.6+H2, 21.2.4, 21.4.1, 21.5.1
CLI Tool
Version: 1.4.1

Release Notes

Contents

Welcome

These release notes describe the new features and enhancements for the Illumio Core Advanced Command-line Interface Tool 1.4.1 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: 1.4.1

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

- PCE 19.3.6-H2 (LTS release)
- PCE 21.2.4
- PCE 21.4.1
- PCE 21.5.1

> ⚠ When using the CLI Tool 1.4.1 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

Option SEVERITIES Was Added

There is a minor change in the options used with the CLU tool for uploading vulnerability data:

- A non-required option `SEVERITIES` (`--severities`) was added.

The complete list of options, as presented in the file `--help` is as follows:

Usage: upload_vulnerability_report [options]

Option	Definition
`--input-file INPUT FILE`	input vulnerability report file
`--debug`	Enable debugging
`--authoritative`	Option for specifying the scan is authoritative.
`--workload-cache FILE`	DEBUGGING ONLY: Workload Cache file - use this if available
`--source-scanner SOURCE_SCANNER`	Source scanner. Allowed values are 'qualys', 'nessus-pro', 'tenable-sc', 'tenable-io' Note for Rapid7 data: Vulnerability data from Rapid7 must have been exported from Rapid7 in Qualys XML format. To load the Rapid7 data, use the 'qualys' argument.
`--format REPORT_FORMAT`	Report format. Allowed values are 'xml', 'csv', 'api'
`--api-server SERVER_FQDN`	API Server FQDN. Allowed formats are HOST or HOST:PORT
`--api-user USERNAME`	API user's username.
`--api-page-size PAGE_SIZE`	Appropriate page size if API supports pagination. The default page size is 1000.
`--skip-cert-verification`	Disable certificate verification for API
`--on-premise`	Tenable IO deployment is on-premise.
`--mitigated`	Tenable SC input file is exported from mitigated vulnerabilities analysis view.

Option	Definition
`--scanned-after` `SCANNED_AFTER`	Qualys Users can select scan data to process after a certain date. ISO 8601 format
`--severities` `SEVERITIES`	Qualys API Users can select vulnerabilities with defined severity levels to include in their report*
`-v, --verbose`	Verbose logging mode
`--trace`	Enable API Trace Mode

Users can filter based on severity and avoid severity levels 1 and 2, which are often very informational and noisy.
Example: --only-include-severity=3,4,5 This option was added in Release 1.4.1.

For Windows, be sure to include quotes around the severity levels:
Example: --only-include-severity="3,4,5"

Using the ILO Command with Windows Systems

Windows systems take a maximum of four options with the ILO command for the vulnerability data upload. Users who choose to use more optional parameters need to set api-server, username, and password as the environmental variables to use other options in the command.

API Keys Use

Starting from CLI 1.4.1, it is suggested that users use an API key instead of a login session while using Qualys API download.

Vulnerability Data Formats

In the CLI 1.4.1 release, Illumio supports the following report formats:

- For tenable-io: API, CSV
- For tenable-sc: API, CSV
- For nessus-pro: XML

- For qualys: API, XML

Resolved Issues

- **Qualys API import failing (Connection failed: Invalid UR)**: (CLI-502)
  Two qids have not been found in qualys knowledge base which results in the failure to upload the report.
  This issue is resolved and even if customers encounter this issue, the upload will still succeed. Users are notified about the missing qids.

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:

- support@illumio.com
- +1-888-631-6354
- +1-408-831-6354