Illumio® Core C-VEN

Version: 21.5.14
Compatible PCE Versions: 22.2.0, 22.1.1, 22.1.0, 21.5.30, 21.5.21, 21.5.20, 21.5.12, 21.5.10

Release Notes

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Welcome

These release notes describe the resolved issues and known issues for the Illumio Containerized VEN 21.5.14 release.

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> ⚠ Illumio Core 21.5.14-C-VEN is available for both Illumio Core On-Premises customers and Illumio Core Cloud customers.

What's New in This Release

To learn what's new and changed in 21.5, see What's New in This Release on the Illumio Technical Information portal.

Product Version

Compatible PCE Versions: 22.2.0, 22.1.1, 22.1.0, 21.5.30, 21.5.21, 21.5.20, 21.5.12, 21.5.10
Current C-VEN Version: 21.5.14-C-VEN (LTS)

Standard versus LTS Releases

21.5.14-C-VEN is a Long Term Support (LTS) release.
For information on Illumio software support for Standard and LTS releases, see Versions and Releases on the Illumio Support portal.

Release Types and Numbering

Illumio ASP release numbering uses the following format: "a.b.c-d"

- "a.b": Standard or LTS release number, for example, "21.2"
- ".c": Maintenance release number, for example, ".1"
- "-d": Optional descriptor for pre-release versions, for example, "preview2"

Updates for 21.5.14-C-VEN

Resolved Issues

- **Upgrade base image to 7.9-698** (E-91110)
  The containerized VEN now uses the RedHat Universal Base Image 7.9-698 as its base image.
  https://www.redhat.com/en/blog/introducing-red-hat-universal-base-image
- **Missing ILO_K8S_NODE_NAME in OpenShift YAML** (E-91060)
  The illumio-ven-openshift.yml file was missing an ILO_K8S_NODE_NAME key, which would cause the Readiness Gates feature to fail. This issue is resolved.
- **C-VEN fills up tmp directory with 50GB** (E-90966)
  C-VEN crashes were causing the /opt/illumio_ven_data/tmp directory to fill with files before they could be cleaned, which caused issues with other workloads on the nodes. This issue is resolved. This C-VEN crash no longer occurs, and these files are not left in the tmp directory.
- **Upgrade OpenSSL to 1.1.1n** (E-90691)
  OpenSSL has been upgraded to 1.1.1n, to resolve the vulnerability in OpenSSL 1.1.1h, as described in CVE-2022-0778.
- **C-VEN support reports are too large to be uploaded** (E-89423)
  C-VEN support reports were being created in much larger than expected sizes of 100 MB or more, which would produce a "Support report is too large to upload" error message. This issue is now resolved.

Updates for 21.5.13-C-VEN

Resolved Issues

- **Readiness gate feature did not work for OpenShift 4** (E-85040)
  Because the Illumio OpenShift YAML files didn't support RBAC configuration, OpenShift deployment could fail. This issue is resolved. In this release, the Readiness Gate feature now works with OpenShift 4.
- **Unexpected policy convergence times for pods using a readiness gate could occur** (E-84830, E-81803)
  In a scaled environment with broad policy, some container workloads could take over 8 minutes for their Readiness Gate conditions to be set to true. This issue could occur even when the actual convergence time was much less than that. This issue has improved because Illumio improved the accuracy of setting the readiness gate in this release. The Readiness Gate should now be set to true very shortly after the container workload has converged.

- **Some pods weren't set to ready within the ready timer of the Readiness Gate** (E-81169, E-79378)
  Applying settings to the Illumio Policy Readiness Gate on the pods could be delayed.
  NOTE: The Illumio Readiness Gate is *not supported* on unmanaged pods. If you add the following Readiness Gate condition to any unmanaged pods, they might not be marked ready:
  `conditionType: com.illumio.policy-ready`

Containerized VEN Base Image

In this release, Illumio has updated the C-VEN base OS image to Universal Base Image Minimal for Red Hat Linux 7.9-698.

We strongly encourage our customers to upgrade to the new image in this C-VEN 21.5.14 release.

Security Information for 21.5.14-C-VEN

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