# Illumio Kubelink

Version: 2.0.2
Compatible PCE Versions: 19.3.*x*, 21.2.*x*, 21.3.0

# Release Notes

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# Welcome

These release notes describe the enhancements, resolved, and known issues for the Illumio Kubelink 2.0.1 release.

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# Product Version

**Kubelink Version:** 2.0.2
**Compatible Core PCE Versions:** 19.3.*x* (LTS), 21.2.*x* (LTS), 21.3.0 (Standard)

**Standard versus LTS Releases**

For information about Standard versus Long Term Support (LTS) releases, see Versions and Compatibility in the Illumio Support portal (log in required).

## Release Types and Numbering

Illumio Core release numbering uses the following format: "a.b.c-d+e"

- "a.b": Standard or LTS release number, for example "2.0"
- ".c": Maintenance release number, for example ".1"
- "-d": Optional descriptor for pre-release versions, for example "preview2"
- "+e": Hot Fix release descriptor, for example "+H1", "+H2", "+H3"

# Resolved Issues in Kubelink 2.0.2

- **Changes to namespaces or nodes weren't reported to the PCE** (E-85389, E-85048)
  Kubelink could lose it watch on some resources, such as namespaces and nodes, from the the Kubernetes API server. When this happened, any changes to those resources in the container cluster were not properly reported to the PCE. This issue is resolved. Kubelink no longer loses watch on resources, thereby causing changes not to appear in the PCE.

## Resolved Issues in Kubelink 2.0.1

- **Rapid container events could lead to partial service updates on the PCE** (E-83056)
  During a rapid sequence of container service start/stop events, Kubelink could include recently added services while processing deletion notices and reporting the changes to the PCE. This issue caused the PCE to create empty virtual services. Normally, Kubelink recovers quickly and reports the correct state to the PCE. However, in certain cases, this issue could trigger 500 HTTP errors in the PCE. This issue is resolved. The PCE now handles rapid container events correctly.
- **Kubelink could stop responding during transient PCE and Kubernetes errors** (E-81869)
  When Kubelink received a 500 HTTP error from the PCE or Kubernetes API, it could stop responding rather than recovering and retrying the operation. This issue is resolved. When receiving a 500 HTTP error from the PCE or Kubernetes API, Kubelink backs off and retries the operation before restarting. This behavior allows Kubelink to recover from transient availability issues without restarting.