



Cisco Network Insights for Resources Application for Cisco Application Policy Infrastructure Controller Release Notes, Release 2.0.2

Cisco Network Insights for Resources (NIR) application consist of a monitoring utility that can be added to the Cisco Application Policy Infrastructure Controller (APIC).

This document describes the features, issues, and limitations for Cisco NIR on Cisco Application Services Engine with Cisco APIC.

For more information, see [Related Content](#).

Date	Description
Mar 27, 2020	Compatibility information for Cisco NIR.
Mar 16, 2020	Added CSCvq56811 to resolved issues.
Mar 5, 2020	Usage guidelines and limitations.
Feb 26, 2020	Hardware requirements for Cisco Network Insights Resources.
Oct 23, 2019	Updated verified scalability limit for Cisco NIR installed on Cisco APIC.
Aug 13, 2019	Release 2.0.2 became available.

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New Software Features

Feature	Description
Support for Cisco Application Services Engine	Cisco NIR is supported on Cisco Application Services Engine.
Support for Flow Analytics	The Flow Analytics Dashboard displays telemetry information collected from various devices in the fabric. The flow analytics records enables you to visualize the flows in the fabric and their characteristics across the entire Cisco APIC.

Open Issues

This section lists the open issues in this release. Click the bug ID to access the Bug Search tool and see additional information about the caveat. The “Exists In” column of the table specifies the releases in which the issue exists.

Bug ID	Description	Exists In
CSCvq54362	NIR graphs in dashboard pages display no data at end of the time slot for the selected time range.	2.0.2
CSCvq65904	When multiple flow paths are reported in NIR Flow Analytics, NIR will capture flow path data before, during, and after node reload.	2.0.2
CSCvq67327	A reboot of Cisco Application Services Engine could result in 10 to 15 minutes of telemetry data loss.	2.0.2
CSCvq80846	No telemetry data displayed in NIR app after Cisco Application Services Engine nodes upgrade.	2.0.2

Resolved Issues

This section lists the resolved issues in this release. Click the bug ID to access the Bug Search tool and see additional information about the caveat. The "Fixed In" column of the table specifies whether the issue was resolved in the base release or a patch release.

Bug ID	Description	Fixed In
CSCvn42171	After deleting an app in APIC GUI, installing a new version and enabling it, the About window continues to show the older version of the app, even if browser window is refreshed. The correct version is displayed upon clearing the browser cache (or using a different browser).	2.0.2
CSCvq56811	PTP header still present in SPAN of ACI access port.	2.0.2

Hardware Requirements

This table describes the Cisco APIC LAN deployment requirements for Cisco NIR software telemetry. Cisco NIR installed in Cisco APIC cluster does not support flow telemetry.

Hardware	Cisco NIR installed in Cisco Application Services Engine cluster connected to Cisco ACI fabric	Cisco NIR installed in Cisco APIC cluster
APIC-CLUSTER-M1	Yes	No
APIC-CLUSTER-M2	Yes	No
APIC-CLUSTER-M3	Yes	Yes (Maximum 30 ACI fabric nodes)
APIC-CLUSTER-L1	Yes	No
APIC-CLUSTER-L2	Yes	No
APIC-CLUSTER-L3	Yes	Yes (Maximum 30 ACI fabric nodes)

In the Lab environment you can install Cisco NIR app on APIC-CLUSTER-M1/M2 or APIC-CLUSTER-L1/L2. We do not recommend installing Cisco NIR app on APIC-CLUSTER-M1/M2 or APIC-CLUSTER-L1/L2 in the production environment.

Compatibility Information

For Cisco NIR on Cisco APIC and Cisco NIR on Cisco Application Services Engine compatibility with Day-2 Operations apps, see the [Cisco Day-2 Operations Apps Support Matrix](#).

Software	PID
Cisco Device supported for Software Telemetry	Cisco Nexus 9000 Series switches
Cisco Application Services Engine cluster	SE-CL-L3

Verified Scalability Limits

Software/Hardware	Number
Number of leaf switches supported with NIR installed on APIC cluster	100
Number of leaf switches supported with NIR installed on Cisco Application Services Engine	100

Usage Guidelines and Limitations

This section lists the usage guidelines and limitations for Cisco NIR:

- A Cisco APIC cluster must have a minimum of 3 APICs. Cisco NIR is not supported on single APIC.

Related Content

The Cisco NIR documentation can be accessed from the following website:

<https://www.cisco.com/c/en/us/support/data-center-analytics/network-insights-resources/model.html>

The documentation includes installation, upgrade, configuration, programming, and troubleshooting guides, technical references, and release notes, as well as other documentation.

Document	Description
Cisco Network Insights for Resources Application for the Cisco APIC Release Notes	This document.
Cisco Network Insights for Resources Application for the Cisco APIC User Guide	Describes how to download, install, and set up Cisco NIR in Cisco APIC.

Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, send your comments to cisconetworkinsights-docfeedback@cisco.com.

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