Cisco Network Insights Advisor Application for the Cisco APIC Release Notes, Release 2.1.2

Cisco Network Insights Advisor (NIA) application consists of a monitoring utility that are added to the Cisco Application Policy Infrastructure Controller (APIC).

This document describes the features, issues, and limitations for Cisco NIA on the Cisco APIC.

For more information, see Related Content.

Date	Description
Oct 2 2020	Release 2.1.2 became available.

Contents

New Software Features

Feature	Description
Bug fixes	This release includes bug fixes.

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 issue. **The "Exists In" column of the table specifies the releases in which the issue exists.**

Bug ID	Description	Exists In
CSCvs95691	Some fixed bugs may appear under the advisory details section of the Call TAC advisory.	2.1.2
CSCvu84352	Bug scan borg partial failure in a resource intensive scale environment.	2.1.2
CSCvv77014	Cisco NIA allows onboarding of third party sites without any devices being discovered.	2.1.2

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 issue. **The "Fixed In" column of the table specifies the releases in which the issue exists.**

Bug ID	Description	Fixed In
CSCvs12558	Cisco NIA app GUI displays that the Device Connector is not connected.	Cisco APIC Release 4.2(4i)
CSCvv06057	Onboarding Cisco NIA fails when a third party site is added to Cisco Application Services Engine.	Cisco NIA 2.1.2
CSCvv38928	Cisco NIA bug scan for a setup with 100 nodes and Cisco NIR for 10000 flows per second and Cisco NAE scan running together creates missing nodes in Cisco NIR app.	Cisco NIA 2.1.2
CSCvv71541	Cisco NIA bug scan CPU and memory thresholds increased from 50% to 65%.	Cisco NIA 2.1.2

Hardware Requirements

This table describes the Cisco APIC LAN deployment requirements for Cisco NIA software telemetry.

Hardware	Cisco NIA installed in Cisco Application Services Engine cluster connected to Cisco ACI fabric	Cisco NIA installed in Cisco APIC cluster
APIC-CLUSTER-M1	Yes	No
APIC-CLUSTER-M2	Yes	No
APIC-CLUSTER-M3	Yes	Yes (Maximum 20 ACI fabric nodes)
APIC-CLUSTER-L1	Yes	No

APIC-CLUSTER-L2	Yes	No
APIC-CLUSTER-L3	Yes	Yes (Maximum 20 ACI fabric nodes)

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

Compatibility Information

For Cisco NIA on Cisco APIC and Cisco NIA on Cisco Application Services Engine compatibility with Day-2 Operations apps, see the Cisco Day-2 Operations Apps Support Matrix.

Software/Hardware	Release or PID
Cisco Application Services Engine cluster	SE-CL-L3
Minimum Intersight Device Connector version on Cisco APIC	1.0.9-989
Minimum Intersight Device Connector version on Cisco Application Services Engine	1.0.9-461
Devices supported	Cisco Nexus 9000 series switches

Verified Scalability Limits

Software/Hardware	Number
Fabrics supported for Cisco NIA on Cisco Application Services Engine	8
Fabric nodes supported for Cisco NIA on Cisco APIC	20
Fabric nodes supported for Cisco NIA on Cisco Application Services Engine	500
Maximum support for a 3-node Cisco Application Services Engine cluster	Fabric with 100 nodes
Maximum support for a 6-node Cisco Application Services Engine cluster	Fabric with 500 nodes

Usage Guidelines and Limitations

- Upgrade from Cisco NIA 2.1.1 to Cisco NIA 2.1.2. App is supported.

- Cisco NIA checks for metadata update every hour. However, there may not be an update every time.

- When the Device Connector is unclaimed from the on-premise GUI application, the Device Connector must be **unclaimed from Intersight for TAC Assit's connected TAC functionality to wo**rk.

- TAC Assist started from Cisco NIA 2.1.2 App will not show up in Cisco NI Base and vice versa.

Related Content

The Cisco Network Insights Advisor documentation can be accessed from the following website:

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

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

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