



# Cisco Network Insights Advisor Application for the Cisco DCNM Release Notes, Release 2.1.1

Cisco Network Insights Advisor (NIA) application consists of a monitoring utility that are added to the Cisco Data Center Network Manager (DCNM).

This document describes the features, issues, and limitations for Cisco Network Insights Advisor on the Cisco DCNM.

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

Date	Description
Aug 24, 2020	Compute nodes in hardware requirements.
July 3, 2020	Release 2.1.1 became available.

## Contents

- [New Software Features](#)
- [Open Issues](#)
- [Resolved Issues](#)
- [Hardware Requirements](#)
- [Compatibility Information](#)
- [Verified Scalability Limits](#)
- [Usage Guidelines and Limitations](#)
- [Related Content](#)
- [Documentation Feedback](#)
- [Legal Information](#)

## New Software Features

Feature	Description
---------	-------------

## Open Issues

Trigger Bug Scan	On the Network Insights Setup page you can select to trigger a bug scan for all the fabrics you have selected in the Network Insights Setup page.
UI enhancements	Browse dashboards for Advisories, Bugs, PSIRTs, and Notices summarize additional details of the device, generates detailed view reports, and displays the anomaly score for the devices affected.
TAC Assist enhancements	Cisco NIA app uses the device connectivity issue notifier on Cisco DCNM to communicate with the devices, which identifies the unhealthy node interactions on the device. TAC assist does not collect logs for these nodes.
Flow State Validator enhancements	The topology view displays all the devices that are traversed to reach the destination. It displays all available paths to the destination. It performs consistency check on each of the devices and displays the aggregated overlay and underlay information.
Pre Bug Scan PSIRTs	PSIRTs for the devices discovered by Cisco NIA are now shown without having to run a bug scan. If metadata is updated from cloud, a bug scan should be run to show updated PSIRTs that are applicable to the devices.
Device Connectivity Warning	Cisco NIA app cannot communicate with the device through SIM when the device is not configured properly. When you try to run an on-demand Bug Scan, TAC Assist, or Compliance job, the device connectivity warning is shown next to such a device which has an issue.

## 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
<a href="#">CSCvu05694</a>	For Cisco Nexus 7000 series switches, Basic Advisory is displayed in the advisory detail section. Advanced Advisory is not displayed.	2.1.1
<a href="#">CSCvu69962</a>	Logical fabrics may show up in NIA.	2.1.1
<a href="#">CSCvu76067</a>	FSV job does not respond if the FSV container is rebalanced at that time.	2.1.1
<a href="#">CSCvu81560</a>	Upgrade from DCNM 11.3.1 to 11.4.1.32 hangs in standby mode.	2.1.1
<a href="#">CSCvu84489</a>	Stopping a recurrent bug scan in log collection phase does not stop the job immediately.	2.1.1

## Resolved Issues

## 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
<a href="#">CSCvp51960</a>	NIA TAC assist job only lists the folder name where the files are located for the job.	2.1.1

## Hardware Requirements

## Hardware Requirements for Deployments Up to 80 Switches

Node	Deployment Mode	Logical CPU*	Memory	Storage	Network
DCNM	OVA/ISO	16vCPUs	32G	500G HDD	3xNIC
Computes (x3)	OVA/ISO	32vCPUs	64G	500G HDD	3xNIC

## Hardware Requirements for Deployments From 81 to 350 Switches

Node	Deployment Mode	Logical CPU*	Memory	Storage	Network
DCNM	OVA/ISO	16vCPUs	32G	500G HDD	3xNIC
Computes (SE-CL-L3 3 SE Nodes)	ISO	NA	NA	NA	NA

\* A logical CPU is a Virtual CPU in a virtual hypervisor based environment and is a hyperthread in a baremetal environment.

Network card: Quad - port 10/25G

## Compatibility Information

For Cisco NIA on Cisco DCNM compatibility with Day-2 Operations apps, see the [Cisco Day-2 Operations Apps Support Matrix](#).

Software/Hardware	Release
Minimum Intersight Device Connector version on Cisco DCNM	1.0.9-547
Minimum Cisco NX-OS version required for Flow State Validator	9.3(3)

## Verified Scalability Limits

Cisco devices supported	Cisco Nexus 3000, 7000, and 9000 platform switches.
-------------------------	---

## Verified Scalability Limits

Hardware	Switches
Number of Cisco devices supported	350

## Usage Guidelines and Limitations

- Upgrade from Cisco NIA 2.0.1 to Cisco NIA 2.1.1 on Cisco DCNM 11.4(1) is supported.
- Cisco NIA checks for metadata update every hour. However, there may not be an update every time.
- After metadata update you need to run manual bug scan to reflect PSIRTs.
- 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 work**.
- User initiated upload to Cisco Intersight Cloud fails if the TAC Assist job completed prior to Cisco DCNM HA failover. It is recommended to start a new TAC Assist job after Cisco DCNM HA failover.
- Cisco NIA 2.1.1 app does not allow RBAC role on Cisco DCNM.
- TAC Assist started from Cisco NIA 2.1.1 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 DCNM Release Notes	This document.
Cisco Network Insights Advisor Application for the Cisco DCNM User Guide	Describes how to download, install, and set up Cisco Network Insights Advisor application in Cisco DCNM.

## Documentation Feedback

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

## Legal Information

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks) . Third- party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

© 2020 Cisco Systems, Inc. All rights reserved.