Cisco Nexus Dashboard Data Broker Release Notes, Release 3.10.5

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Introduction

Visibility into application traffic is important for infrastructure operations to maintain security and compliance, and to perform resource planning and troubleshooting. With the technological advances and growth in cloud-based applications, it has become imperative to gain increased visibility into the network traffic. Traditional approaches to gain visibility into network traffic are expensive and rigid, making it difficult for managers of large-scale deployments.

Cisco Nexus Dashboard Data Broker with Cisco Nexus Switches provides a software-defined, programmable solution to aggregate copies of network traffic using SPAN or network taps for monitoring and visibility. As opposed to traditional network taps and monitoring solutions, this packet-brokering approach offers a simple, scalable and cost-effective solution well-suited for customers who need to monitor higher-volume and business-critical traffic for efficient use of security, compliance, and application performance monitoring tools.

Date	Description
June 25, 2026	Updated the APIC versions table to indicate support for APIC version 6.1(5e).
April 22, 2026	Updated the Interoperability Matrix table to indicate support for NX-OS release 10.5(4) for relevant switches.
April 17, 2026	Updated the Interoperability Matrix table to indicate support for NX-OS release 10.4(6) for relevant switches.
November 6, 2025	Updated the APIC versions table to indicate support for APIC version 6.1(4h).
September 30, 2025	Updated the Interoperability Matrix table to indicate support for NX-OS release 10.3(8) for relevant switches.
September 15, 2025	Updated the Interoperability Matrix table to indicate support for NX-OS release 10.4(5) for relevant switches.
June 4, 2025	Added CSCwo10997 to the list of Resolved Issues.
May 19, 2025	Release 3.10.5 became available.

New Software Features

Salient feature(s) of the release:

Product Impact	Feature	Description
Base Functionailty	GUI support for TLS configuration	Support for Transport Layer Security (TLS) configurations, including certificates for self-signed and third party TLS, using the Nexus Dashboard Data Broker GUI. Configuring TLS is part of device onboarding. New fields to support the TLS-related configuration have been added to the *Add Device* procedure. For more information, see the *Devices* and *Administration* chapter of the *Cisco Nexus Dashboard Data Broker Configuration Guide, Release 3.10.5*.

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Issues

Cisco Bug Search Help Tool (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.Use the Bug Search Tool to search for a specific bug or to search for all bugs in a release.

This section includes the following topics:

- Open Issues
- Resolved Issues
- Known Issues

Open Issues

Open Issues for Cisco Nexus Dashboard Data Broker.

Bug ID	Description	Exists In
CSCvs65911	Port-channel configuration is not getting exported.	3.9.0 and above
CSCvt62492	Port-channel operations on ISL links results in failure of Link discovery.	3.9.0 and above
CSCvw91742	Auto-priority connection with intersecting port range filters not working.	3.10.0 and above
CSCvw20966	A NDB shouldn't use " session manager" way for MPLS ACLs configuration.	3.10.0 and above
CSCvm65172	Direction change should be supported while editing span session.	3.8.0 and above
CSCvx44167	NDB reprograms ISL ACL/ACEs without any flag enabled.	3.10.0 and above
CSCvy83107	ISL portchannel is attached with port and global acl after upgrade from 3.7 to 3.10.1.	3.10.1 and above
CSCvy56209	RMA of device is not getting successful on upgraded setup.	3.10.1 and above
CSCwj65375	Adding DNAC to NDB controller fails in release 3.10.4.	3.10.4 and above

Resolved Issues

Bug ID	Description	Resolved In
CSCwo10997	Device not moved to ACTIVE state, post device reload after device prerequisites configurations.	3.10.5
CSCwo19882	Connections disappear from usergroup connection list once modified by local user in same usergroup.	3.10.5
CSCwm53444	Portgroup associated connection name not getting modified after renaming the it.	3.10.5
CSCwm76857	ACLs not programmed correctly for auto priority connections.	3.10.5
CSCwm52417	NDB Match all filter should use redirect_all to include IGMP packets.	3.10.5

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Bug ID	Description	Resolved In
CSCwn49744	NDB Prod Switches can't be added with SSL.	3.10.5
CSCwi35401	Memory leak seen in NDB 3.10.4.	3.10.5
CSCwi27889	CLI upgrade to NDB version 3.10.4 is not working.	3.10.5
CSCwi38727	Log level for “updateNode” is set to *info* from *trace* in NDB 3.10.4.	3.10.5
CSCwj59236	NDB not able to onboard switch with NXOS version 10.4(2).	3.10.5
CSCwi50734	Not able to add a device to NDB with " ip name-server" CLI configured under VRF on the switch.	3.10.5
CSCwi57920	User with App-User role is not able to create filters and connections.	3.10.5
CSCwi94131	NDB going in *read-only* mode when APIC controller is configured with domain name.	3.10.5
CSCwi84332	NDB does not restore ACL configuration on the ISL interface.	3.10.5
CSCwf70330	NDB is not able to delete orphan ports.	3.10.5
CSCwm71605	Null pointer exception seen when modifying input port group.	3.10.5
CSCwm03936	Can not delete or edit orphan 'input ports' from NDB UI and API.	3.10.5

Known Issues (NX-OS)

Bug ID	Description	Exists In
CSCvx79293	Not seeing timestamptag on interface after configuring the cmds on C9504 platform in nxos 9.3.7.	9.3.7
CSCvo85210	NDB Limitation: Can't match MAC address in IP packet, it will hit deny any any in IP ACLs.	9.2.1 and above
CSCvs50998	IP ACL with UDF match removes internal VLAN tag in Cisco NX-OS Release 9.3(2). - Fixed in 9.3(3).	9.3.2
CSCvr01876	Re-direct STP, CDP packets similar to LLDP port for OpenFlow.	7.0.3 and above

Guidelines and Limitations

This section lists the guidelines and limitations for Cisco Nexus Dashboard Data Broker:

Specific for Release 3.10.5

- Embedded deployment mode is not supported (applicable for all 3.10.5.x releases).
- The supported upgrade path is: centralized Nexus Dashboard Data Broker, Release 3.10.x to Nexus Dashboard Data Broker, Release 3.10.5 or centralized Nexus Dashboard Data Broker, Release 3.9.x to Nexus Dashboard Data Broker, Release 3.10.5.

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- Communication between the Nexus Dashboard Data Broker controller and devices using OpenFlow is not supported, resulting in no support for inline monitoring.

General

- A Cisco Nexus Dashboard Data Broker instance can support only the NX-API configuration mode.
- Cisco Nexus switches managed by Cisco Nexus Dashboard Data Broker in NX-API mode must have LLDP feature enabled. Disabling LLDP may cause inconsistencies and require switch rediscovery for NX-API switches.

Compatibility Matrix

The list below contains the supported NX-OS switches for Cisco Nexus Dashboard Data Broker, Release 3.10.5. The supported mode is Tap or Span aggregation.

Device	Minimum Cisco Nexus Dashboard Data Broker Version
Cisco Nexus 3000 Series Switch Cisco Nexus 3100 Series Switch Cisco Nexus 3200 Series Switch Cisco Nexus 3164Q Series Switch	3.0 or later
Cisco Nexus 31100 Series Switch	3.7 or later
Cisco Nexus 9200 Series Switch	3.1 or later
Cisco Nexus 9300 Series Switch	3.0 or later
Cisco Nexus 9300-EX Series Switch	3.1 or later
Cisco Nexus 9300-FX Series Switch	3.5 or later
Cisco Nexus 9300-FX2 Series Switch	3.7 or later
Cisco Nexus 9300-FX3 Series Switch • C93180YC-FX3	3.10.2 or later
Cisco Nexus 9300-GX Series Switch	3.10 or later
Cisco Nexus C9364D-GX2A Switch	3.10.5
Cisco Nexus C9332D-GX2B Switch	3.10.2 or later
Cisco Nexus 9332C Switch Cisco Nexus 9364C Switch	3.8 or later
Cisco Nexus 9500 Series Switch – 9504, 9508, 9516 Supported Modules:	3.5 or later

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Device	Minimum Cisco Nexus Dashboard Data Broker Version
• N9K-X97160YC-EX • N9K-X9732C-EX • N9K-X9732C-FX • N9K-X9736C-EX • N9K-X9736C-FX • N9K-X9788TC-FX	

Interoperability Matrix

The following table lists the hardware and software interoperability matrix for Cisco Nexus Dashboard Data Broker, Release 3.10.5.

Implementation Type: NX-API

Device	Supported NX-OS Versions
Cisco Nexus 3000 Series Switch[1] – 3048, 3064	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9).
Cisco Nexus 3100 Series Switch[1] – 3132C-Z, 3172, 3164, 3164Q	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9).
Cisco Nexus 3200 Series Switch[1] – 3232	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12). **Note**: NX-OS release 9.3(12) is supported only on 3232C.
Cisco Nexus 31100 Series Switch[1]	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9). **Note**: NX-OS release 9.3(10), 9.3(12), is supported on 31108PCV.
Cisco Nexus 9200 Series Switch - C92304QC[1], C92160YC **Note**: Cisco Nexus 9200 Series switches support only one switch deployment.	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5), 9.3(7), 9.3(7a), 9.3(8), 9.3(9),10.1(2), 10.2(2).
Cisco Nexus 9300 Series Switch - C93128TX[1], C9396TX[1]	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5) ,9.3(7), 9.3(7a), 9.3(8), 9.3(9),10.1(2), 10.2(2).
Cisco Nexus 9300-EX Series Switch - C93180LC-EX[1], C93108TC-EX	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5) ,9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12), 10.1(2), 10.2(2), 10.2(3), 10.2(4), 10.2(5), 10.2(6), 10.3(2), 10.3(3). **Note**: NX-OS Releases, 9.3(10), 9.3(12), 10.2(4), 10.2(5), 10.2(6), 10.3(2), 10.3(3) are supported only on C93108TC-EX.
Cisco Nexus 9300-EX Series Switch - C93180YC-EX	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5) ,9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12),

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Device	Supported NX-OS Versions
	10.1(2), 10.2(2), 10.2(3), 10.2(4), 10.2(5), 10.2(6), 10.3(2), 10.3(3), 10.4(6).
Cisco Nexus 9300-FX Series Switch - C93108TC-FX, C93180YC-FX	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5) 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 10.1(2), 10.2(2), 10.2(3), 10.2(4), 10.2(5), 10.3(1), 10.3(2), 10.3(3), 10.3(6), 10.3(8), 10.4(1), 10.4(4), 10.4(5), 10.4(6),10.5(4). **Note**: NX-OS Releases, 9.3(10), 10.2(4), 10.2(5), 10.3(1), 10.3(2), 10.3(3) are supported only on C93108TC-FX.
Cisco Nexus 9300-FX2 Series Switch - N9K-9336C-FX2, 93240YC-FX2	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5) ,9.3(7), 9.3(7a), 9.3(8), 9.3(9), 10.1(2), 10.2(2), 10.2(3), 10.3(6), 10.3(8), 10.4(1), 10.4(4), 10.4(5), 10.4(6),10.5(4).
Cisco Nexus 9300-FX2 Series Switch - C93360YC-FX2	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5) ,9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12), 10.1(2), 10.2(2), 10.2(3), 10.2(4), 10.2(5), 10.2(6), 10.3(1), 10.3(2), 10.3(3), 10.3(6), 10.3(8), 10.4(1), 10.4(4), 10.4(5), 10.4(6),10.5(4).
Cisco Nexus 9300-FX3 Series Switch - C93180YC-FX3	9.3(10), 9.3(12), 10.2(4), 10.2(5), 10.2(6), 10.3(1), 10.3(2), 10.3(3), 10.3(6), 10.3(8), 10.4(1), 10.4(4), 10.4(5), 10.4(6), 10.5(4).
Cisco Nexus 9300-GX Series Switch - 9364C-GX,9316D-GX	9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 10.1(2), 10.2(2), 10.2(3), 10.3(2), 10.3(8), 10.4(4), 10.4(5), 10.4(6), 10.5(4). **Note**: NX-OS Release 10.3(2) is supported only on 9364C-GX.
Cisco Nexus 9300-GX Series Switch - 93600CD-GX	9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12), 10.1(2), 10.2(2), 10.2(3), 10.2(4), 10.2(5), 10.2(6), 10.3(2), 10.3(3), 10.3(6), 10.3(8), 10.4(1), 10.4(4), 10.4(5), 10.4(6),10.5(4).
Cisco Nexus 9332C Switch	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12), 10.1(2), 10.2(2), 10.2(3), 10.2(4), 10.2(5), 10.2(6), 10.3(1), 10.3(2), 10.3(3).
Cisco Nexus 9364C Switch	9.3(1), 9.3(2),9.3(3),9.3(4),9.3(5),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12), 10.1(2), 10.2(2), 10.2(3), 10.2(4), 10.2(5), 10.2(6), 10.3(2), 10.3(3).
Cisco Nexus C9364D-GX2A Switch	10.3(8), 10.4(4), 10.4(5), 10.4(6), 10.5(4).
Cisco Nexus C9332D-GX2B Switch	9.3(10), 10.2(4), 10.2(5), 10.2(6), 10.3(1), 10.3(2), 10.3(3), 10.3(6),

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Device	Supported NX-OS Versions
	10.3(8), 10.4(1), 10.4(4), 10.4(5), 10.4(6), 10.5(4).
Cisco Nexus 9500 Series Switch Supported Modules: • N9K-X9464TX	9.3(1), 9.3(2), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(12), 10.1(2), 10.2(2), 10.2(3). 10.2(4), 10.2(5), 10.2(6), 10.3(2), 10.3(3), 10.3(8). **Note**: NX-OS Releases 9.3(10), 9.3(12), 10.2(4), 10.2(5), 10.2(6), 10.3(2), 10.3(3) are supported only on 9504.
Cisco Nexus 9500-EX Series Switch Supported Modules: • N9K-X97160YC-EX • N9K-X9732C-EX	9.3(1), 9.3(2), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 10.1(2), 10.2(2), 10.2(3), 10.3(8).
Cisco Nexus 9500-FX Series Switch Supported Modules: • N9K-X9732C-FX	9.3(1), 9.3(2), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 10.1(2), 10.2(2), 10.2(3), 10.3(6), 10.3(8), 10.4(1), 10.4(4), 10.4(5).

Supported APIC Versions

APIC Version	Minimum Cisco Nexus Dashboard Data Broker Version	Deployment Mode
5.2(4d),5.2(4e), 5.2(6e), 5.3(2c), 6.1(4h), 6.1(5e)	3.10.5	Centralized

Verified Scalability Limits

The table displays the supported verified scalability limits.

Description	Small	Medium	Large
Number of switches used for TAP and SPAN aggegation	25	50	75 - 100

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