Nexus Dashboard Data Broker

Overview

Q **What is the Cisco Nexus®
Dashboard Data Broker?**

A Cisco Nexus Dashboard Data Broker
(formerly Nexus Data Broker) is a
packet-brokering solution that provides
visibility into the customer's network.
The solution enables NetOps and SecOps
teams to programmatically manage
aggregating, filtering, and forwarding of
copy/mirrored traffic to custom analytics
tools for purposes of troubleshooting,
capacity planning, network and
application performance monitoring,
security inspection, and compliance
regulation conformance etc.

Deployment guidelines

Q **Which Cisco Nexus series switches can be used for Nexus Dashboard Data Broker
functionality?**

A The following Cisco Nexus 9000 family of switches (EX/FX/FX2/GX), both fixed and modular,
can be used as Nexus Dashboard Data Broker switches. FX3 and GX2 models will be qualified
as Nexus Dashboard Data Broker switches by Q4CY21. Cisco Nexus 3000 and Nexus 3500
series switches can also be used as Nexus Dashboard Data Broker switches.

Q **Where can I run the Nexus Dashboard Data Broker controller software?**

A **Cisco Nexus Dashboard Data Broker controller software can run on any bare-metal server or
Virtual Machine (VM).**

**The controller software is shipped as a lightweight Java application. For more details on VM
specifications and system requirements and host Linux distribution details, please refer to
the Cisco Nexus Dashboard Data Broker configuration guide.**

**The controller software will be available on Cisco Nexus Dashboard platform as an
application starting from Nexus Dashboard 2.1 release.**

Q **What are the basic prerequisites to be configured on a Nexus Dashboard Data Broker switch for proper traffic flow?**

A On the Nexus Dashboard Data Broker switch, the prerequisites are as follows:

Create username and password.
   username admin password 5 ***
   role network-admin

Configure management interface with the following:
   interface mgmt0
   vrf member management
   ip address 10.16.206.203/24

Q **Which port is used for communication between Nexus Dashboard Data Broker and the Cisco® Application Policy Infrastructure Controller (Cisco APIC) device internally?**

A Cisco Nexus Dashboard Data Broker uses port 443 to communicate with Cisco APIC.

Q **Do Nexus Dashboard Data Broker switches use local SPAN sessions or monitoring sessions to perform TAP aggregations? Does the limit on SPAN sessions on Cisco Nexus OS have an impact on TAP aggregations?**

A Nexus Dashboard Data Broker switches don't use any local SPAN sessions to perform TAP aggregations. It uses Layer 2 port access lists (ACLs) to move packets from one port to another. The limit on SPAN sessions doesn't have any impact in this context.

How to buy?

Q **What are the licensing requirements for Nexus Dashboard Data Broker?**

A For every Data Broker switch purchased or repurposed, a Nexus Dashboard Data Broker license (subscription or perpetual) should be added to the Bill of Materials (BOM). Nexus Dashboard Data Broker controller software is free.

For more information, please refer to the Nexus Dashboard Data Broker ordering guide.