



# Cisco Nexus Data Broker

## Ordering Guide

June 2015 (Valid Until December 2015)

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## Introduction

### Purpose, Audience, and Scope

This document describes the pricing and packaging structure and ordering process for the Cisco Nexus<sup>®</sup> Data Broker Software.

This guide is written for Cisco field staff and Cisco specialized channel partners.

This ordering guide describes pricing and ordering for the following products:

- Cisco Nexus Data Broker

For more detailed information about Cisco Nexus Data Broker, go to <http://www.cisco.com/go/nexusdatabroker>.

### Ordering and Quoting Tools

The Cisco<sup>®</sup> Solution Expert tool assists Cisco field staff and Cisco Unified Communications specialized channel partners in designing and quoting solutions using Unified Communications bundles as well as the traditional design model. For additional information about the Solution Expert tool, go to

<http://tools.cisco.com/a2q/introduction.sx?actionParam=viewIntroduction>.

The Cisco Nexus Data Broker product is **not** supported in the Solution Expert tool.

Cisco QuoteBuilder is a commercial solution quoting application that enables specialized channel partners to build a system quote for security, wireless, and unified communications solutions with:

- Products, required modules, and software
- Automatically derived services based on products and installation site location
- Customized leasing options from Cisco Capital<sup>®</sup>, where available
- Design documentation

For additional information about QuoteBuilder, go to <http://www.cisco.com/go/quotebuilder>. The Cisco Nexus Data Broker product is **not** supported in QuoteBuilder.

Cisco Commerce Workspace is part of the suite of Internet commerce tools used by Cisco for managing online ordering of Cisco products. It can be used as the single workspace for all business transactions to register deals and quote, configure, price, and order Cisco products, software, and services.

Cisco Commerce Workspace at Cisco.com (with password required) is located at

<https://cisco-apps.cisco.com/cisco/psn/commerce>.

### All Cisco Nexus Data Broker software licenses can be ordered through Cisco Commerce Workspace.

Cisco Service Contract Center is an integrated solution that makes it easy for Cisco Services sales teams and partners to profitably manage and grow their service business. It provides the following benefits:

- Quote and book your service orders and manage your service contracts and renewals all with one simple, easy-to-use solution.
- Spend less time solving administrative problems, searching for opportunities, and creating quotes.
- Spend more time growing your business using data you can trust; you don't need to spend time fixing or verifying data.
- Enable partners to create and proactively manage their contracts.

Here is the link: <http://wwwin.cisco.com/CustAdv/globalops/wvssso/service.shtml>.

## Orderability and First Customer Shipment

Orderability for the following products and applications will be enabled for first customer shipment (FCS) in September 2014:

- Cisco Nexus Data Broker

### Cisco Nexus Data Broker with Cisco Nexus Switches

Cisco Nexus Data Broker with Cisco Nexus Family switches is a software-defined, programmable solution for aggregating copies of network traffic using Cisco Switched Port Analyzer (SPAN) or network taps for monitoring and visibility. In contrast 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. It also enables real-time traffic visibility with an event-based approach through northbound APIs.

Cisco Nexus Data Broker can be run either on a separate server (virtual machine or bare metal) or as an embedded option on Cisco Nexus 3000 and Nexus 9000 Series Switches.

### Cisco Nexus Data Broker Supported Devices and Device Groups

Cisco Nexus Data Broker support is available on both fixed and modular Cisco Nexus switches. Table 1 lists the device groups and support information. Use the device grouping information to determine the appropriate license SKU to use.

**Table 1.** Cisco Nexus Data Broker Device Support and Grouping Matrix

Group	Supported Switch Models	Supported Deployment Options
<b>Cisco Nexus fixed switches</b>	Cisco Nexus 3000 Series Switches	Centralized and Embedded
	Cisco Nexus 3100 platform switches	Centralized and Embedded
	Cisco Nexus 3500 Series Switches	Centralized and Embedded
	Cisco Nexus 9300 platform switches	Centralized only
<b>Cisco Nexus modular switches: medium-sized form factor</b>	Cisco Nexus 9504 Switch (4-slot switch)	Centralized only
<b>Cisco Nexus modular switches: large form factor</b>	Cisco Nexus 9508 Switch (8-slot switch)	Centralized only
	Cisco Nexus 9516 Switch (16-slot switch)	Centralized only

Table 2 provides ordering information for the Cisco Nexus Data Broker Software license only. You can use the same part number for both centralized and embedded deployment on Cisco Nexus 3000 and Nexus 9000 Series models.

**Table 2.** Ordering Information for Cisco Nexus Data Broker Software (a-la-carte Software License Only)

Part Number	Description	List Price (\$US)
<b>L-NDB-FX-SWT-K9=</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	Please check global price list.
<b>L-NDB-MODM-SWT-K9=</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Modular Medium Form Factor Switch used for tap/SPAN aggregation (Cisco Nexus 9504)	Please check global price list.
<b>L-NDB-MODL-SWT-K9=</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Modular Large Form Factor Switch used for tap/SPAN aggregation (Cisco Nexus 9508 and 9516)	Please check global price list.

Table 3 provides ordering information for Cisco Nexus Data Broker software using the hardware configuration option with the switches.

**Table 3.** Ordering Information for Cisco Nexus Data Broker Software Using Hardware Configuration Option with Switches

Part Number	Description	List Price (\$US)
<b>NDB-FX-SWT-K9</b>	This option is available only when Nexus Data Broker is ordered along with the switch hardware. Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	Please check global price list.
<b>NDB-MODM-SWT-K9</b>	This option is available only when Nexus Data Broker is ordered along with the switch hardware. Cisco Nexus Data Broker software license for 1 Cisco Nexus Modular Medium Form Factor Switch used for tap/SPAN aggregation (Cisco Nexus 9504)	Please check global price list.
<b>NDB-MODL-SWT-K9</b>	This option is available only when Nexus Data Broker is ordered along with the switch hardware. Cisco Nexus Data Broker software license for 1 Cisco Nexus Modular Large Form Factor Switch used for tap/SPAN aggregation (Cisco Nexus 9508 and 9516)	Please check global price list.

### Sample Solution Configuration with Cisco Nexus Data Broker and Cisco Nexus 3000 Series Switches

The sample configuration shown in Table 4 provides a Cisco Nexus Data Broker solution for 100 ports using the hardware configuration option across two Cisco Nexus 3000 Series Switches with a mix of 50 x 1 Gigabit Ethernet ports and 50 x 10 Gigabit Ethernet ports for traffic input and monitoring.

**Table 4.** Sample 100-Port Configuration for Cisco Nexus Data Broker Order

Part Number	Description	Quantity
<b>N3K-C3172PQ-10GE</b>	Nexus 3172P 48 x SFP+ and 6 QSFP+ ports	1
<b>NDB-FX-SWT-K9</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	1
<b>N3K-C3048TP-1GE</b>	Nexus 3048TP-1GE 1RU 48 x 10/100/1000 and 4 x 10GE ports	1
<b>NDB-FX-SWT-K9</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	1

The order shown in Table 5 would provide a Cisco Nexus Data Broker solution for 500 ports (all 10 Gigabit Ethernet).

**Table 5.** Sample 500-Port Configuration for Cisco Monitor Manager Solution Order

Part Number	Description	Quantity
<b>N3K-C3172PQ-10GE</b>	Nexus 3172P 48 x SFP+ and 6 QSFP+ ports	10
<b>NDB-FX-SWT-K9</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	10

### Sample Solution Configuration with Cisco Nexus Data Broker and Cisco Nexus 9000 Series Switches

The sample configuration shown in Table 6 provides the Cisco Nexus Data Broker for 150 x 10-Gbps ports using the hardware configuration option across two Cisco Nexus 9300 platform switches for traffic input and monitoring.

**Table 6.** Sample 150-Port Configuration for Cisco Nexus Data Broker Order

Part Number	Description	Quantity
<b>N9K-C9372PX</b>	Nexus 9372 48 x SFP+ and 6p 40G QSFP+ ports	1
<b>NDB-FX-SWT-K9</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	1
<b>N9K-C93128TX</b>	Nexus 9300 with 96p 1/10G-T and additional uplink module	1
<b>NDB-FX-SWT-K9</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	1

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The order shown in Table 7 would provide a Cisco Nexus Data Broker solution for 96 x 10-Gbps ports and 64 x 40-Gbps ports using the Cisco Nexus 9504 Switch for tap and SPAN aggregation.

**Table 7.** Sample 96 x 10-Gbps and 64 x 40-Gbps Configuration for Cisco Monitor Manager Solution Order

Part Number	Description	Quantity
<b>N9K-C9504</b>	4-slot Modular Cisco Nexus 9500 Chassis	1
<b>N9K-X9432PQ</b>	Nexus 9500 linecard, 32p 40G QSFP	2
<b>N9K-X9464PX</b>	Nexus 9500 linecard, 48p 1/10G SFP+ & 4p QSFP	2
<b>L-NDB-MODM-SWT-K9=</b>	Cisco Nexus Data Broker software license for 1 Cisco Nexus Fixed Switch used for tap/SPAN aggregation	1

### For More Information

For more information, please visit <http://www.cisco.com/go/nexusdatabroker> or contact your local account representative for pricing and any questions regarding ordering.



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