Cisco Catalyst 9500 Series Switches

© 2026 Cisco and/or its affiliates. All rights reserved.

Contents

Things to know	3
Cisco Catalyst 9500 Series highlights	3
Hardware and software order overview	4
Catalyst Software Subscription feature matrix	5
How to order a Cisco Catalyst 9500 Series switch	5
Step-by-step ordering in Cisco commerce workspace	5
Default accessories shipped with the box	10
Licensing	10
Smart Accounts and Smart Licensing availability	13
Deploying smart licenses for Cisco Catalyst 9500 Series switches	13
Software-Defined Access (SD-Access)	14
Services and warranty	14
Cisco Enhanced Limited Lifetime hardware warranty	17
Ordering information	17
Optics support	26
Important links	26

© 2026 Cisco and/or its affiliates. All rights reserved.





Things to know

Before placing an order, review the following information:

- The Cisco Catalyst™ 9500 Series offer structure has three main components: the switch hardware, a Network stack perpetual license, and choice between a Cisco Catalyst Software Subscription or Cisco DNA subscription (DNA). The software subscriptions and the Network Stack perpetual licenses are smart product IDs (SKUs). The subscription, which comes with a perpetual license, is required with a hardware purchase.
- A Smart Account is mandated during purchase (for more information, please see the Smart Accounts section).
- Available service options:
  - Solution support
  - Enhanced Limited Lifetime Warranty (E-LLW)
  - Smart Net Total Care support (SNTC)
  - Success Tracks (Cisco CX)
  - Included base product-level support (Catalyst Software Subscription)

Cisco Catalyst 9500 Series highlights

Cisco Catalyst 9500 Series switches are Cisco's lead fixed enterprise core and aggregation switching platform and as part of the Catalyst 9000 family, are built to transform your network to handle a hybrid world where the workplace is anywhere, endpoints could be anything, and applications are hosted all over the place.

The Catalyst 9500 Series, including the new Catalyst 9500X models, continues to shape the future with continued innovation that helps you reimagine connections, reinforce security and redefine the experience for your hybrid workforce big and small.

This document is aimed at providing a detailed overview of the ordering process for Cisco Catalyst 9500 Series switches on Cisco® Commerce (CCW).

© 2026 Cisco and/or its affiliates. All rights reserved.

Hardware and software order overview

Cisco Catalyst 9500 Series Switches can be ordered through CCW as a Cisco Catalyst or DNA Essentials or Advantage subscription. Both options include switch hardware coupled with Cisco IOS-XE and the Network Stack software.

What is the difference between the Catalyst and Cisco DNA software subscription for switching?

The Catalyst Software Subscription for Switching includes base software and hardware support for the Essentials and Advantage tiers. This support delivers a four-hour TAC response objective for severity 1 and 2 service requests. In addition, if you opt for the Advantage tier, you also receive Cisco Identity Services Engine (ISE) licenses (quantity dependent on switch model). Catalyst 9500 Series switches receive 10 endpoint sessions per Catalyst Advantage license.

Table 1. Cisco ISE licenses included with Advantage term licenses

Eligible product families*	Cisco Catalyst 9600 Series	Cisco Catalyst 9500 Series	Cisco Catalyst 9400 Series	Cisco Catalyst 9300 Series
ISE quantity per Advantage license	40 endpoint sessions for ISE	10 endpoint sessions for ISE	40 endpoint sessions for ISE	10 endpoint sessions for ISE

The Cisco DNA software subscription for Switching includes base support for software only (not hardware), delivering a one-hour TAC response objective for severity 1 and 2 service requests. RMAs are also accessed through the Catalyst warranty program. In addition, the Cisco DNA software subscription does not include ISE licenses.

Note that for both the Cisco DNA and Catalyst software subscriptions for Switching:

- Cisco DNA features and tier levels (Essentials, Advantage) remain the same.
- Hardware replacements are accessed separately through the Catalyst warranty program.[1]

[1] Hardware replacements via the Catalyst warranty program provides a best effort next business day response for the United States, Canada, Countries of the European Union, Australia, and New Zealand. Elsewhere, Cisco will ship the advance replacement on the next business day, but actual delivery times might vary depending on customer location. Taxes and duties might apply and must be paid by the recipient of the replacement part.

Software licenses

Table 2. License matrix

	Cisco Catalyst Software Subscription new	Cisco DNA subscription	Network Advantage	Network Essentials
Packages[1]	3-, 5-, or 7-year terms	3-, 5-, or 7yyear terms	Perpetual	Perpetual
Tiers	Advantage, Essentials	Advantage, Essentials	Advantage, Essentials	Advantage, Essentials
Portability[2]	✓	✓	✓	✓
Management options	Catalyst Center, Meraki® dashboard	Catalyst Center, Meraki dashboard	CLI, WebUI	CLI, WebUI

© 2026 Cisco and/or its affiliates. All rights reserved.

	Cisco Catalyst Software Subscription new	Cisco DNA subscription	Network Advantage	Network Essentials
Included support	Base product-level support for hardware, software, and OS	Software support (SWSS)	×	×
Included[3] add-ons: Common ISE policy, ThousandEyes® network and application assurance, Cisco Spaces	×	×	×	×
Included ISE endpoint licenses	10	×	×	×

[1] For all new orders, subscription licenses are mandatory and must be of the same tier as network licenses

[2] Portability within the same Catalyst 9K series of hardware

[3] Only available with Advantage tier

Catalyst Software Subscription feature matrix

For the latest features, please view the Switching feature matrix.

How to order a Cisco Catalyst 9500 Series switch

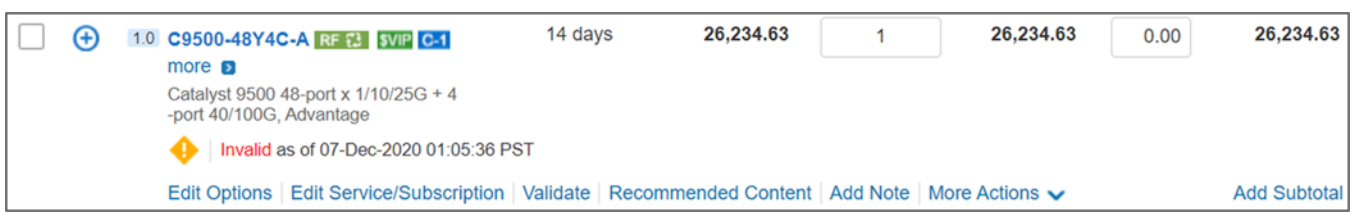
Both a network stack license and Catalyst Software Subscription or Cisco DNA subscription are mandatory at the time of purchase and come in two licensing tier options: Essential (-E) and Advantage (-A). Network Stack Essential or Advantage comes embedded in the hardware, while a Catalyst Software Subscription or Cisco DNA term license needs to be selected at the time of order.

To order in CCW, follow these steps:

1. Select the appropriate C9500 or C9500X -E or -A device for the desired license type.
2. Choose the preferred consumption model Cisco DNA Advantage or Essentials.
3. Choose the Cisco DNA term license (3, 5, or 7 years).
4. Add other components (for example, secondary power supply, power cables, IOS Software version, SSD and so on).

Step-by-step ordering in Cisco commerce workspace

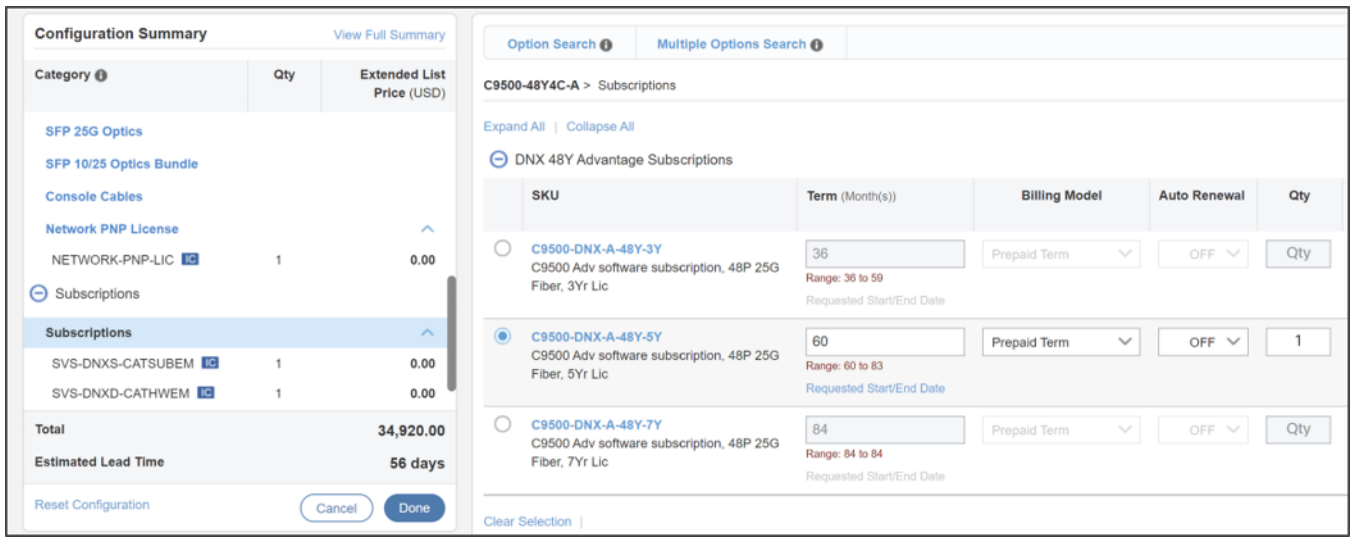
Enter the hardware PID in CCW.



© 2026 Cisco and/or its affiliates. All rights reserved.

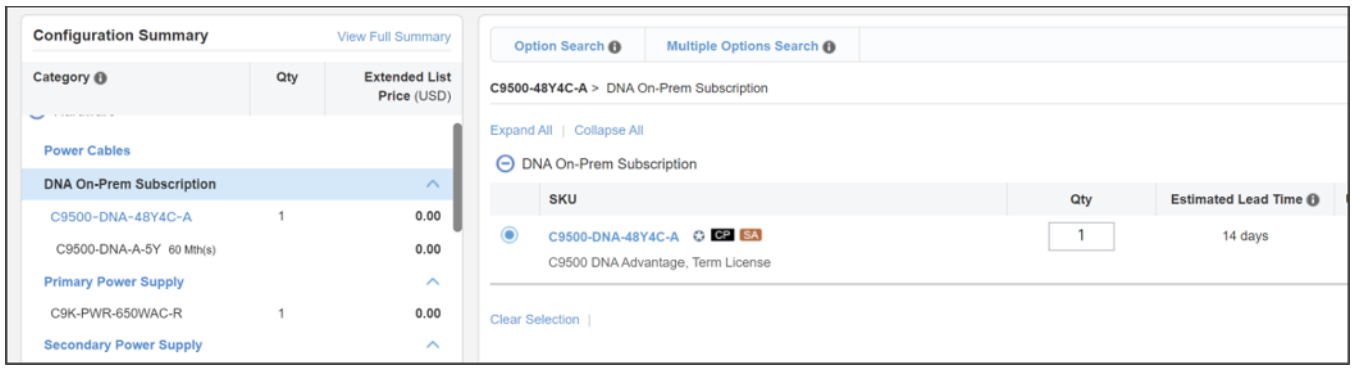
The Network Stack license is perpetual and embedded in the hardware by default (it will not be visible in the selection menu) and aligns with the hardware PID (-E/-A).

A Catalyst Software Subscription or Cisco DNA Essentials or Advantage subscription option is available for selection and is mandatory. Customers are encouraged to purchase the Cisco Catalyst Software Subscription option to enable advanced Cisco Networking solutions. Base product-level support for Hardware, Software and OS.



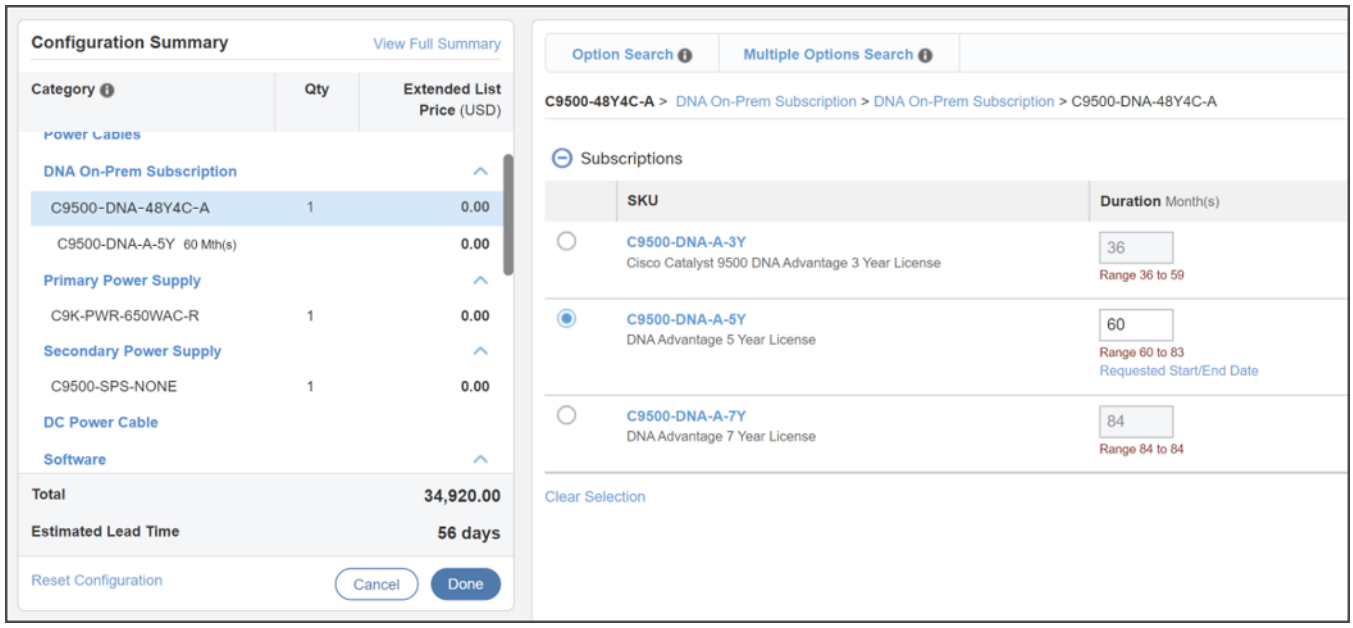
For Cisco Software Subscription (preferred), the term-based Cisco DNA license can be a 3-, 5-, or 7-year term. A Cisco Software Subscription term is mandatory (customers must select one of the term options to complete the configuration).

Note: Cisco DNA Subscription must be deselected by using “Clear Section”, when ordering Cisco Software Subscription.

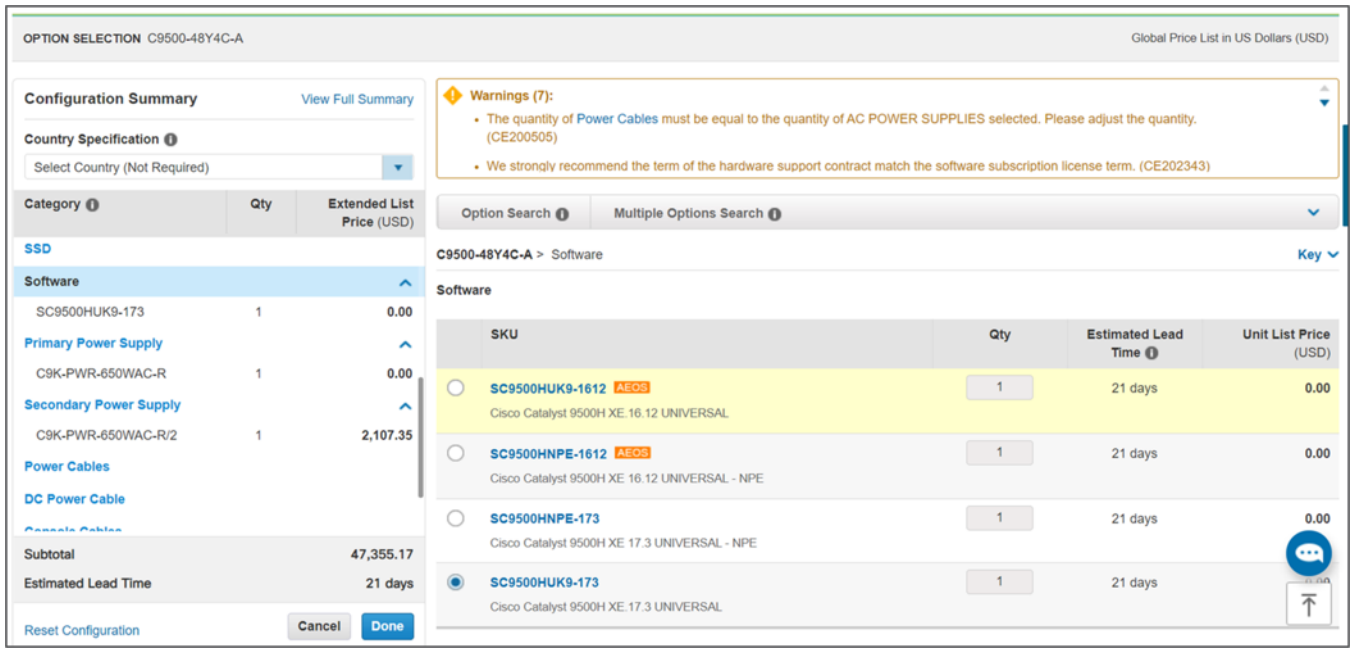


For Cisco DNA Advantage, the term-based Cisco DNA license is preselected to the 5 year term by default but can be changed to a 3- or 7-year term. A Cisco DNA Software term license is mandatory (customers must select one of the term options to complete the configuration).

© 2026 Cisco and/or its affiliates. All rights reserved.

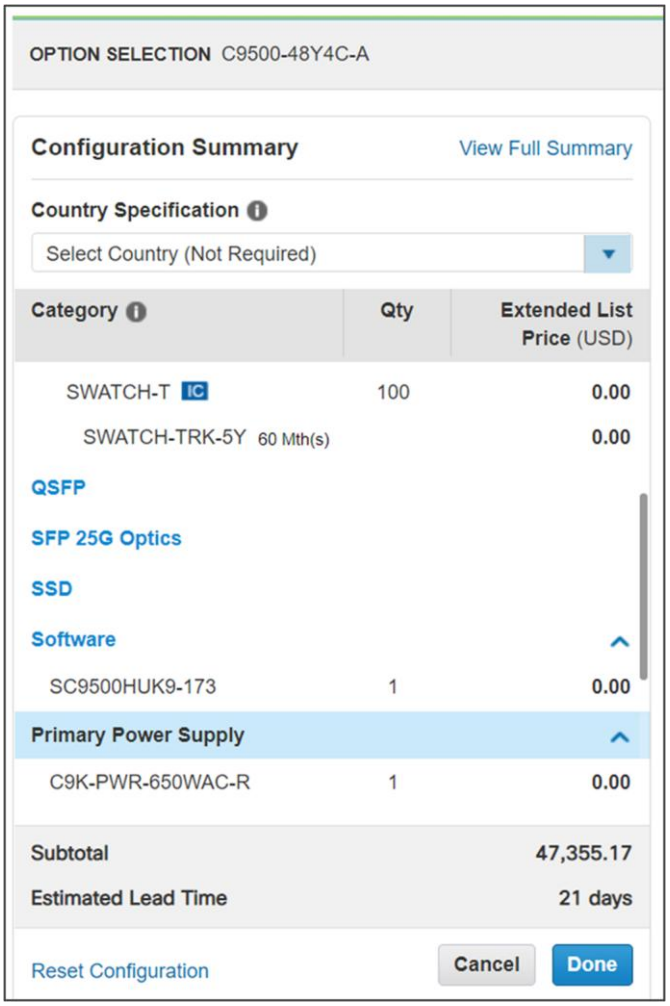


A selection of minimum quantity of 1 from Software is mandatory to complete the configuration:

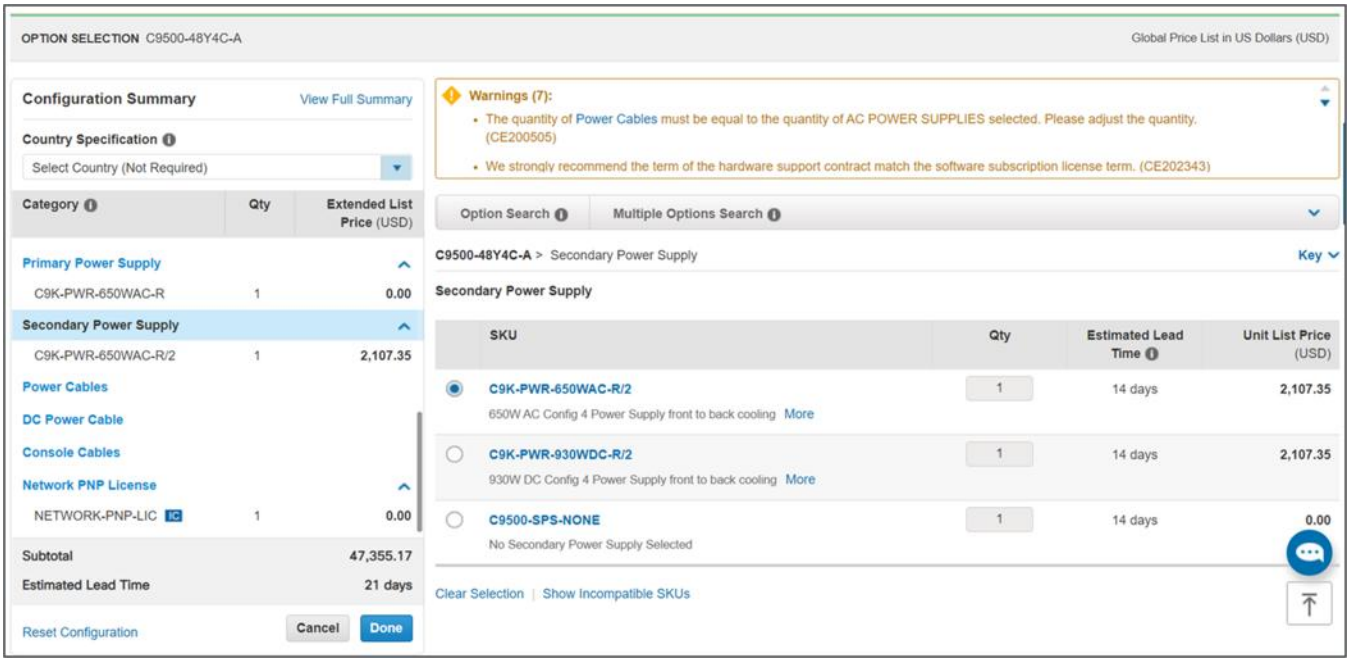


The primary power supply is added by default, based on the hardware model:

© 2026 Cisco and/or its affiliates. All rights reserved.

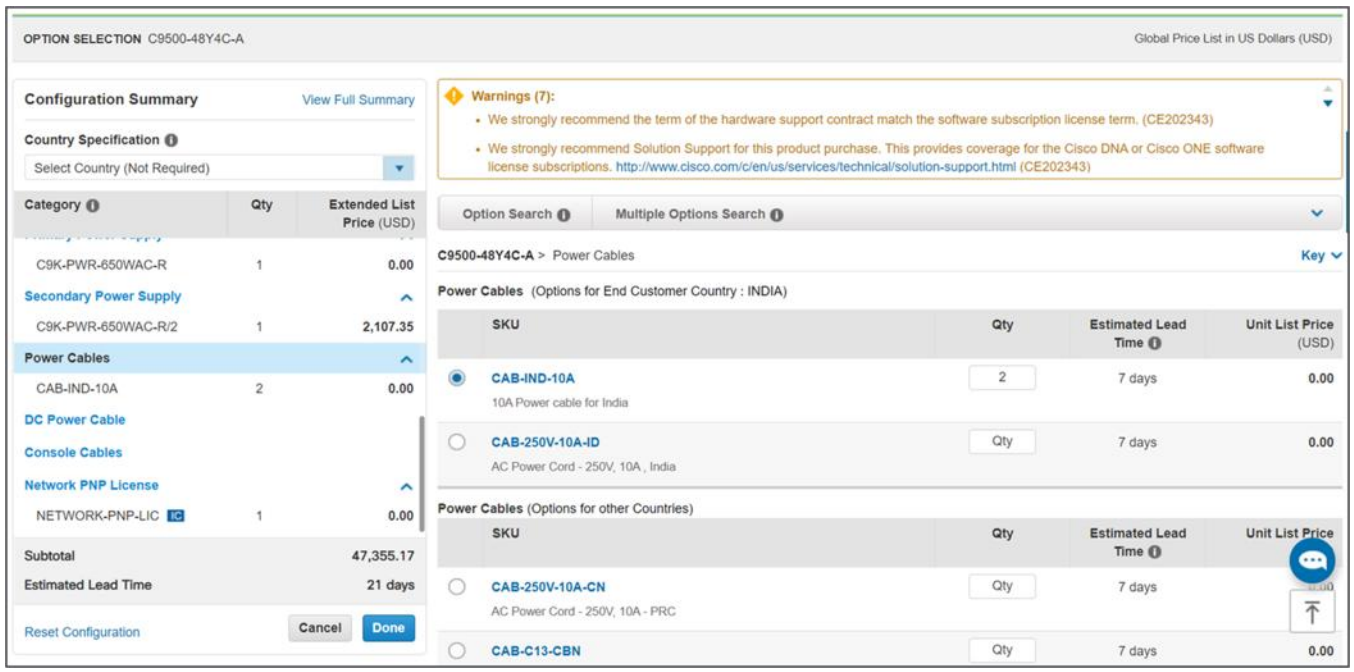


A secondary power supply is selected by default. Please select the C9500-SPS-NONE option if a secondary power supply is not required.

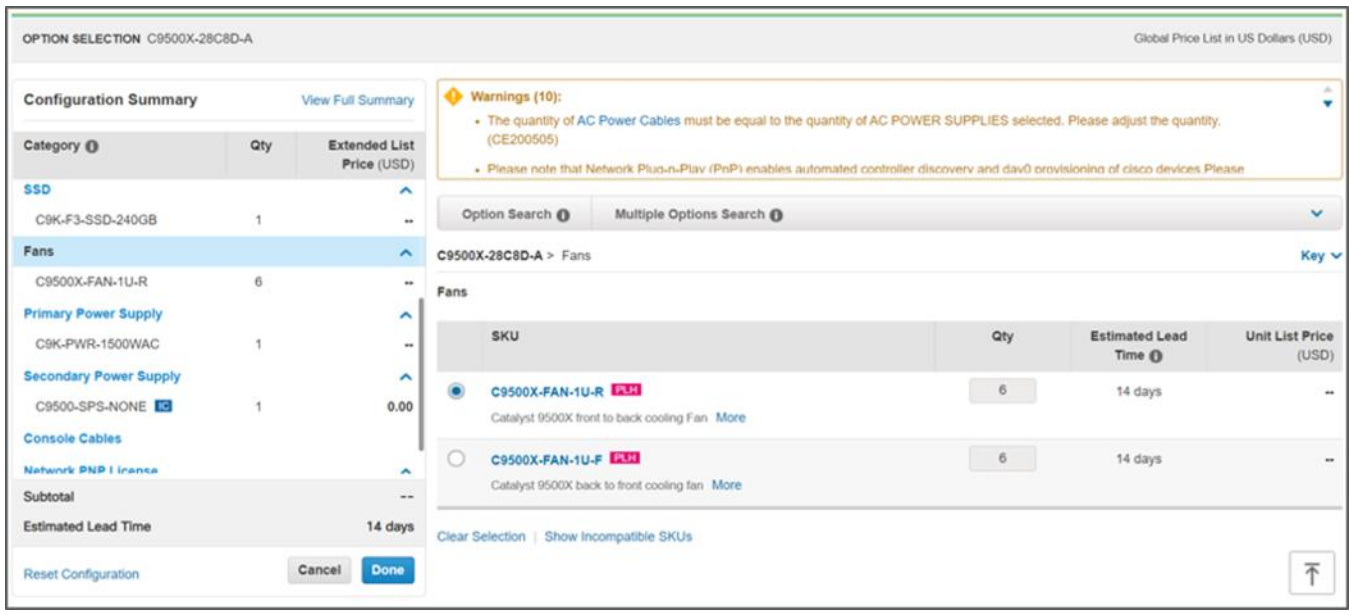


© 2026 Cisco and/or its affiliates. All rights reserved.

A power cable must be selected to complete the configuration:



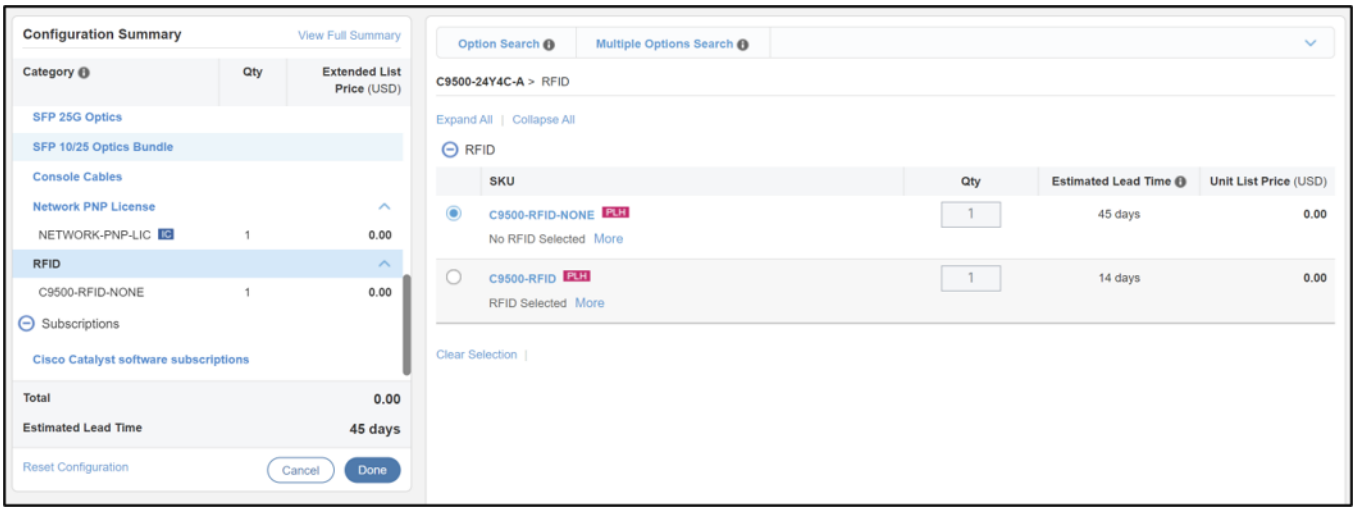
For C9500X, an option is provided to select the desired direction of airflow (Note: 6 front to back cooling Fans selected by default and can be changed to 6 back to front cooling Fans):



A selection from the RFID option is mandatory to complete the configuration for C9500 high performance (C9500-24Y4C, C9500-48Y4C, C9500-32C, C9500-32QC) and C9500X switches. RFID tag is an optional selection. Select C9500-RFID or C9500X-RFID if RFID tag is required, else select C9500-RFID-NONE.

Note: For C9500 high performance (C9500-24Y4C, C9500-48Y4C, C9500-32C, C9500-32QC) and C9500X switches, it is important to make the right selection for RFID opt in / opt out at the time of ordering. RFID cannot be installed later, if it is opted out at the time of ordering.

© 2026 Cisco and/or its affiliates. All rights reserved.



Default accessories shipped with the box

Cisco Catalyst 9500 Series switches ships with the following components and accessories by default:

- Switch.
- Default power supply (based on selected switch).
- Power cable.
- Accessories (19” Mounting brackets, cable guide etc. as described in the Catalyst 9500 Hardware Installation Guide).

Licensing

You have two options for licensing: unified switching licenses or Cisco DNA licenses. The details for each licensing model are as follows.

Unified licensing with the Cisco Networking Subscription

The Cisco Catalyst 9500 Series is eligible for unified licensing through the Cisco Networking Subscription and Cisco Enterprise Agreement.

The Cisco Networking Subscription provides a consistent way to purchase and manage eligible Cisco networking software, hardware support, services, and platform capabilities. It offers customers the flexibility to:

- Align renewal dates with business and budget requirements
- Add licenses to an existing subscription while maintaining a common renewal date
- Upgrade license entitlements during the subscription term or at renewal
- Include both Essentials and Advantage licenses in the same subscription
- Choose cloud-based or on-premises license management and deployment options, where supported

A new Cisco Networking Subscription with switching licenses has a standard minimum term of 36 months.

© 2026 Cisco and/or its affiliates. All rights reserved.

There are two unified switching license tiers:

- Cisco Switching Essentials
- Cisco Switching Advantage

Both tiers combine device capabilities with subscription-based management and assurance capabilities. The precise capabilities available depend on the license tier, switch platform, software release, and management platform.

Cisco Switching Essentials includes foundational switching, automation, visibility, health monitoring, software-image management, and provisioning capabilities.

Cisco Switching Advantage includes the Essentials capabilities and adds advanced automation, analytics, segmentation, assurance, security, application visibility, and fabric-management capabilities.

For a complete comparison, see the Cisco Switching Licensing Feature Matrix.

Unified licensing support is available for the following releases: 26.2.1, 17.18.5, and 26.1.3.

Cisco DNA licensing

Cisco DNA subscriptions for the Catalyst 9500 Series are offered in Essentials and Advantage tiers with 3-, 5-, or 7-year terms. The Cisco DNA tier must correspond with the applicable Network Essentials or Network Advantage license.

- **Cisco DNA Essentials** provides foundational automation, management, visibility, and assurance capabilities.
- **Cisco DNA Advantage** adds advanced assurance, analytics, policy-based automation, segmentation, and application-visibility capabilities.

As part of the Cisco DNA license, the Catalyst 9500 Series supports the following perpetual network license tiers:

- **Network Essentials**
- **Network Advantage**

Network Essentials provides foundational Layer 2 and Layer 3 switching, automation, visibility, and security capabilities. Network Advantage adds advanced routing, segmentation, multicast, scale, and security capabilities.

© 2026 Cisco and/or its affiliates. All rights reserved.

Introduction to Smart Licensing

Cisco Smart Licensing is a flexible licensing model that provides you with an easier, faster, and more consistent way to purchase and manage software across the Cisco portfolio and across your organization. And it's secure—you control what users can access. With Smart Licensing you get:

- **Easy activation:** Smart Licensing establishes a pool of software licenses that can be used across the entire organization—no more PAKs (product activation keys).
- **Unified management:** Cisco License Central (CLC) provides a complete view into all of your Cisco products and services in an easy-to-use portal, so you always know what you have and what you are using.
- **License flexibility:** Your software is not node-locked to your hardware, so you can easily use and transfer licenses as needed.

To use Smart Licensing, you must first set up a Smart Account on Cisco License Central.

For a more detailed overview on Cisco Licensing, visit the Licensing Hub.

Cisco Catalyst 9500 Series switches run on Cisco IOS XE Release 16.9.2 or later.

Managing licenses with Smart Accounts

Creating Smart Accounts by using the Cisco Smart Software Manager (SSM) enables you to order devices and licensing packages and also manage your software licenses from a centralized website. You can set up Cisco SSM to receive daily email alerts and to be notified of expiring add-on licenses that you want to renew.

You must order an add-on license in order to purchase a switch. When the license term expires, you can either renew the add-on license to continue using it or deactivate the add-on license and then reload the switch to continue operating with the base license capabilities.

Both the base and add-on licenses are also available for a 90-day evaluation period. An evaluation license is activated temporarily, without purchase. An expired evaluation license cannot be reactivated after reload.

Note: You are not required to deploy Cisco Catalyst Center, just to use one of the above packages.

Cisco Smart Software Manager

Cisco SSM enables the management of software licenses. The interface allows customers to activate their product, manage entitlements, and renew and upgrade software. An active Smart Account is required to complete the Smart License registration process.

To learn more about end-to-end Smart Account and Smart License management, visit https://www.cisco.com/c/en/us/buy/smart-accounts/software-manager.html.

© 2026 Cisco and/or its affiliates. All rights reserved.

Smart Accounts and Smart Licensing availability

Important information about Smart Account and Smart License availability

- C9500 and C9500X PIDs are smart PIDs, but the switch will operate in RTU mode by default. License entitlements will be deposited in the Cisco Smart Software Manager and the Smart Account. In addition to viewing entitlements, customers will be able to track consumption.
- Smart Accounts are mandatory. If a customer does not have a Smart Account set up prior to the purchase, a new Smart Account must be created at the time of purchase.

Deploying smart licenses for Cisco Catalyst 9500 Series switches

Cisco Catalyst 9500 Series switches come in different licensing packages in comparison to existing Cisco Catalyst platforms. The ordering process will include a requirement to establish a Smart Account where software licenses will be deposited. Smart Licenses are transferable between the same type of devices (for example, from C9500 to C9500 switches). (See Figure 2.)

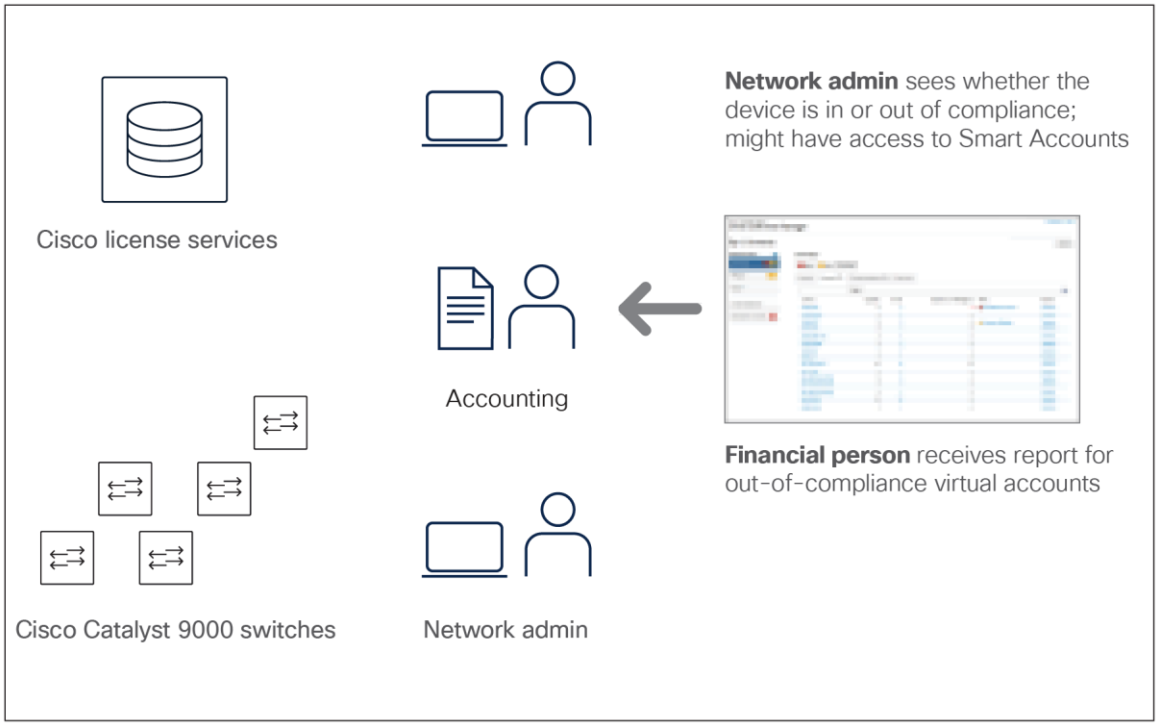


Figure 1.
Smart licensing model

© 2026 Cisco and/or its affiliates. All rights reserved.

In the deploy-ent model in Figure 2, the Smart Account Cisco back end and Cisco Catalyst 9500 Series switches do not have a communication channel to report usage and consumption. They operate as separate entities. The switches must be configured in RTU mode with correct license level to enable the purchased feature set:

- Consumption reporting: License usage and consumption are performed on Cisco Smart Software Manager only when the device has capability to report Smart License usage.

For further references about the Cisco Catalyst 9000 RTU licensing model, refer to the Configuration Guide.

Software-Defined Access (SD-Access)

Software-Defined Access (SD-Access) enables policy-based automation from edge to cloud with foundational capabilities using controller-based architecture, including design with validated design templates, simplified device deployment, unified management of wired and wireless, network virtualization with segmentation, group-based policies, and contextual-based analytics.

SD-Access can be enabled via individual Cisco DNA Advantage.

Services and warranty

The Solution Support service option is strongly recommended; it provides coverage for a Cisco DNA Essentials and Advantage software licenses. Additional product-level hardware support options are available: Smart Net Total Care (SNTC) support, partner service support (PSS), and enhanced limited lifetime hardware warranty. It is strongly recommended that the term of the hardware support contract match the software subscription license term to avoid any service support gaps for the duration of the term.

With a Catalyst Software Subscription, base product-level hardware and software support is included.

How does the base product-level support for software and hardware included in the Catalyst Switch software subscription differ from Cisco Smart Net Total Care (SNTC) and Software Support Services (SWSS)?

The base product-level support for software and hardware support included in the Catalyst Switch software subscription delivers the same features and benefits you experience today with Smart Net Total Care and Software Support Basic **except** as follows:

- **The Cisco TAC response objective** for severity 1 and 2 service requests is:
  - **Four hours**, compared to one hour for Smart Net Total Care and Software Support Basic), and
  - **Next Business Day (NBD)** where commercially available for severity 3 and 4 service requests, compared to one hour for Smart Net Total Care during business hours and next business day outside of business hours, and next business day for Software Support Basic during and outside of business hours).
- **Hardware replacements** are accessed through the Catalyst warranty program1, compared to a choice of eight RMA service-level options offered through Smart Net Total Care and Software Support Basic.

© 2026 Cisco and/or its affiliates. All rights reserved.

What are my support service options if I need faster response objectives for critical issues, more hardware RMA options, and/or higher levels of support than what's included in the Catalyst Switch software subscription?

Because your enterprise network is the cornerstone of your IT and business, we recommend Cisco Success Tracks and CX Cloud, which is the one-stop, unified digital interface to Success Tracks.

Success Tracks is designed to accelerate adoption and maximize value for the security, automation, and assurance capabilities in your Cisco enterprise network. It also fulfills your need for faster response objectives (30 minutes for severity 1 and 2 service requests) and all of Cisco's RMA options (eight, as fast as two hours).

Can you tell me more about Success Tracks and CX Cloud?

Success Tracks is a set of comprehensive services accessed through the unified digital platform, CX Cloud. It offers streamlined, personalized access to Cisco experts and customized content that can help you simplify solution adoption, resolve complex issues faster than single product-focused support, and optimize your IT environment through:

- **Expert resources:** Expert guidance, best practices, and proven methodologies for a successful path to adoption.
- **Trusted support:** Prescriptive support to detect, prevent, and efficiently solve complex hardware, software, and multiproduct, multivendor issues through a Cisco primary point of contact who streamlines the support experience across your Cisco enterprise network.
- **Insights and analytics:** Telemetry and intelligence with analytics that provide proactive and predictive insights and guided recommendations to help you solve problems faster and optimize operations.
- **Contextual learning:** Digital learning resources, tailored instructor-led training, certification prep and virtual practice labs, designed to expand a workforce's skillset and capacity to achieve business outcomes faster and more efficiently.

CX Cloud



To see how Success Tracks can drive faster adoption and ROI for your Catalyst-based enterprise network, connect with your Cisco representative and request a CX Cloud demo.

© 2026 Cisco and/or its affiliates. All rights reserved.

Table 3. Support levels and Success Tracks

		Existing included support	Smart Net Total Care	New included support	Success Tracks Level 1
Expert resources	Communities	Cisco Community	Cisco Community	Cisco Community	Cisco and Success Tracks Community
	Success tips				●
	Ask the experts (1:many interactive webinars)				●
Support	24/7 access to the Cisco TAC for software, hardware, iOS support	Cisco Catalyst software only	Cisco Catalyst hardware only	●	●
	Software, PAK IOS-XE updates	Software	IOS-XE	●	●
	Hardware RMA	Warranty-level	8 options	Warranty-level	8 options
	Service request response objectives for Severity 1 and 2 cases	1 hour	1 hour	4 hours	30 minutes
	TAC engineer focused on software **OR** hardware/iOS	●	●	●	
	TAC engineer focused across software **and** hardware/IOS-XE **and** multivendor products				●
	No triage required to open a case				●
	Case prioritization over SNTC, SWSS, included support service requests				●
Insights and analytics	Adoption view				●
	Assets and license view		Via SNTC portal		●
	Case management		Via SNTC portal		●
	Security advisories, field notices, priority bugs				●
	Rapid problem resolution				●
Contextual learning	E-learning (on demand courses)				●

© 2026 Cisco and/or its affiliates. All rights reserved.

Cisco Enhanced Limited Lifetime hardware warranty

Cisco Catalyst 9500 Series switches come with an Enhanced Limited Lifetime hardware warranty (E-LLW) that includes next-business-day (NBD) delivery of replacement hardware where available and 90 days of 8x5 Cisco Technical Assistance Center (TAC) support.

Ordering information

Tables 4 provides ordering information for switches and Cisco DNA Software licenses.

Table 4. Switches and Cisco DNA subscription software

Hardware product number	Product description	License type	3 year	5 year	7 year
C9500X-60L4D-A	Cisco Catalyst 9500X switch with 60x 10/25/50G SFP56 ports + 4x 40/100/200/400G Advantage	Cisco DNA Advantage License	C9500X-DNA-A-3Y	C9500X-DNA-A-5Y	C9500X-DNA-A-7Y
C9500X-28C8D-A	Catalyst 9500X 28x100G + 8x400G, Advantage	Cisco DNA Advantage License	C9500X-DNA-A-3Y	C9500X-DNA-A-5Y	C9500X-DNA-A-7Y
C9500X-28C8D-E	Catalyst 9500X 28x100G + 8x400G, Essential	Cisco DNA Essential License	C9500X-DNA-E-3Y	C9500X-DNA-E-5Y	C9500X-DNA-E-7Y
C9500-12Q-A	Cisco Catalyst 9500 12-port 40G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-12Q-E	Cisco Catalyst 9500 12-port 40G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-16X-A	Cisco Catalyst 9500 16-port 10G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-16X-E	Cisco Catalyst 9500 16-port 10G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-16X-2Q-A	Cisco Catalyst 9500 16-port 10G switch, 2 x 40GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA- L-A-5Y	C9500-DNA- L-A-7Y
C9500-16X-2Q-E	Cisco Catalyst 9500 16-port 10G switch, 2 x 40GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA- L-E-7Y
C9500-24Q-A	Cisco Catalyst 9500 24-port 40G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-24Q-E	Cisco Catalyst 9500 24-port 40G switch, NW Essentials License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y

© 2026 Cisco and/or its affiliates. All rights reserved.

Hardware product number	Product description	License type	3 year	5 year	7 year
C9500-24X-A	Cisco Catalyst 9500 16-port 10G switch, 8 x 10GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-24X-E	Cisco Catalyst 9500 16-port 10G switch, 8 x 10GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-24Y4C-A	Cisco Catalyst 9500 High Performance 24-port 25G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-L-A-3Y	C9500-DNA-L-A-5Y	C9500-DNA-L-A-7Y
C9500-24Y4C-E	Cisco Catalyst 9500 High Performance 24-port 25G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-L-E-3Y	C9500-DNA-L-E-5Y	C9500-DNA-L-E-7Y
C9500-32C-A	Cisco Catalyst 9500 High Performance 32-port 100G switch, NW Ess. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-32C-E	Cisco Catalyst 9500 High Performance 32-port 100G switch, NW Adv. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-32QC-A	Cisco Catalyst 9500 High Performance 32-port 40G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-32QC-E	Cisco Catalyst 9500 High Performance 32-port 40G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-40X-A	Cisco Catalyst 9500 40-port 10G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-40X-E	Cisco Catalyst 9500 40-port 10G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-40X-2Q-A	Cisco Catalyst 9500 40-port 10G switch, 2 x 40GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-40X-2Q-E	Cisco Catalyst 9500 40-port 10G switch, 2 x 40GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-48X-A	Cisco Catalyst 9500 40-port 10G switch, 8 x 10GE Network Module, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-48X-E	Cisco Catalyst 9500 40-port 10G switch, 8 x 10GE Network Module, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y

© 2026 Cisco and/or its affiliates. All rights reserved.

Hardware product number	Product description	License type	3 year	5 year	7 year
C9500-48Y4C-A	Cisco Catalyst 9500 High Performance 48-port 25G switch, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y
C9500-48Y4C-E	Cisco Catalyst 9500 High Performance 48-port 25G switch, NW Ess. License	Cisco DNA Essential License	C9500-DNA-E-3Y	C9500-DNA-E-5Y	C9500-DNA-E-7Y
C9500-48Y4C-A-BUN	2 x Cisco Catalyst 9500 High Performance 48-port 25G switch, 8 x QSFP-40/100-SRBD, NW Adv. License	Cisco DNA Advantage License	C9500-DNA-A-3Y	C9500-DNA-A-5Y	C9500-DNA-A-7Y

Table 5 provides ordering information for network modules, power supplies, cables, fan, and accessories.

Table 5. Network modules, power supplies, cables, fan and accessories

Product number	Product description
C9500-NM-2Q	Cisco Catalyst 9500 2 x 40GE Network Module
C9500-NM-8X	Cisco Catalyst 9500 8 x 10GE Network Module
C9500-NM-2Q=	Cisco Catalyst 9500 2 x 40GE Network Module Spare
C9500-NM-8X=	Cisco Catalyst 9500 8 x 10GE Network Module Spare
C9K-PWR-1600WAC-R	1600W AC Power Supply
C9K-PWR-650WAC-R	650W AC Power Supply
C9K-PWR-650WACL-R	650W AC Power Supply
C9K-PWR-1500WAC	1500W AC Power Supply (C9500X)
C9K-PWR-1600WDC-R	1600W DC Power Supply
C9K-PWR-930WDC-R	930W DC Power Supply
C9K-PWR-1500WDC	1500W DC Power Supply (C9500X)
C9K-PWR-1600WACR/2	1600W AC Power Supply, Redundant
C9K-PWR-650WAC-R/2	650W AC Power Supply, Redundant
C9K-PWR-650WACLR/2	650W AC Power Supply, Redundant
C9K-PWR-1500WAC/2	1500W AC Power Supply, Redundant (C9500X)
C9K-PWR-1600WDCR/2	1600W DC Power Supply, Redundant
C9K-PWR-930WDC-R/2	930W DC Power Supply, Redundant
C9K-PWR-1500WDC/2	1500W DC Power Supply, Redundant (C9500X)

© 2026 Cisco and/or its affiliates. All rights reserved.

Product number	Product description
C9K-PWR-C4-BLANK	Catalyst 9500 power supply blank cover
C9K-PWR-C5-BLANK	Catalyst 9500 power supply blank cover
PWR-C6-BLANK	Catalyst 9500X power supply blank cover
C9K-T1-FANTRAY	Catalyst 9500 fan tray (C9500-32QC, C9500-48Y4C and C9500-24Y4C)
FAN-T4-R	Catalyst 9500 Type 4 front to back cooling Fan (C9500-24Q, C9500-12Q, C9500-40X and C9500-16X)
C9K-T2-FANTRAY	Catalyst 9500 Type 5 front to back cooling Fan (C9500-32C)
C9500X-FAN-1U-F	Catalyst 9500X back to front cooling fan
C9500X-FAN-1U-R	Catalyst 9500X front to back cooling Fan
PWR-C4-950WAC-R	950W AC Config 4 Power Supply front to back cooling
PWR-C4-950WAC-R/2	950W AC Config 4 Power Supply front to back cooling, Redundant
PWR-C4-BLANK	Catalyst 9500 power supply blank cover
CAB-C15-CBN-JP	Japan Cabinet Jumper Power Cord, 250 VAC 12A, C14-C15
CAB-TA-250V-JP	Japan 250V AC Type A Power Cable
CAB-TA-AP	Australia AC Type A Power Cable
CAB-TA-AR	Argentina AC Type A Power Cable
CAB-TA-DN	Denmark AC Type A Power Cable
CAB-TA-EU	Europe AC Type A Power Cable
CAB-TA-IN	India AC Type A Power Cable
CAB-TA-IS	Israel AC Type A Power Cable
CAB-TA-IT	Italy AC Type A Power Cable
CAB-TA-SW	Switzerland AC Type A Power Cable
CAB-TA-UK	United Kingdom AC Type A Power Cable
CAB-TA-NA	North America AC Type A Power Cable
CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors
CAB-TA-JP	Japan AC Type A Power Cable
PWR-CAB-AC-USA520	US AC Power Cord for Cisco ASR 900, NEMA 5-20
PWR-CAB-AC-USA	Power Cord for AC V2 Power Module (USA), NEMA L6-20P

© 2026 Cisco and/or its affiliates. All rights reserved.

Product number	Product description
PWR-CAB-AC-AUS	Power Cord for AC V2 Power Module (Australia), AS 3112
PWR-CAB-AC-EU	Power Cord for AC V2 Power Module (Europe), CEE 7/7
PWR-CAB-AC-ITA	Power Cord for AC V2 Power Module (Italy), CEI-23-50
PWR-CAB-AC-SA	Power Cord for AC V2 Power Module (South Africa), SABS 164
PWR-CAB-AC-UK	Power Cord for AC V2 Power Module (UK), EN 60309-2
PWR-CAB-AC-ISRL	Power Cord for AC V2 Power Module (Israel), SI 32
PWR-CAB-AC-CHN	Power Cord for AC V2 Power Module (China), GB2099.1/GB1002
PWR-CAB-AC-BRA	Power Cord for AC V2 Power Module (Brazil), NBR 14136
PWR-CAB-AC-SUI	Power Cord for AC V2 Power Module (Swiss), SEV 1011
PWR-CAB-AC-JPN	Power Cord for AC V2 Power Module (Japan), JIS C8303
PWR-CAB-AC-IND	India AC Power Cord for Cisco ASR 900, IS:1293
PWR-CAB-AC-ARG	AC POWER CORD, WIRE HARNESS, Argentina, IRAM 2073, IEC60320 C21, ST, 4M, 30 AWG, STRANDED, 250.0 V, 16.0 A
PWR-2KW-DC-CBL	Power Cord - 2KW DC
CAB-48DC-40A-8AWG	C-Series -48VDC PSU Power Cord, 3.5M, 3 Wire, 8AWG, 40A
C9500-ACCKITH-19I=	Accessory Kit for Cisco Catalyst 9500 Series – High-End - 19" rack mount
C9500-ACCKITH-23I=	Accessory Kit for Cisco Catalyst 9500 Series – High-End - 23" rack mount
C9500-4PTH-KIT=	Extension rails and brackets for four-point mounting for Cisco Catalyst 9500 Series – High-End
C9500-ACC-KIT-19I=	Accessory Kit for Cisco Catalyst 9500 Series - 19" rack mount
C9500-ACC-KIT-23I=	Accessory Kit for Cisco Catalyst 9500 Series - 23" rack mount
C9500-4PT-KIT=	Extension rails and brackets for four-point mounting for Cisco Catalyst 9500 Series
C9500X-ACCKIT-19I=	Accessory Kit for Cisco Catalyst 9500X Switch - 19" rack mount
C9500X-ACCKIT-23I=	Accessory Kit for Cisco Catalyst 9500X Switch - 23" rack mount
C9500X-4PTH-KIT=	Extension rails and brackets for four-point mounting for Cisco Catalyst 9500X Switch
C9500-RFID	RFID Selected for C9500 high performance switches (C9500-24Y4C, C9500-48Y4C, C9500-32C, C9500-32QC)
C9500X-RFID	RFID Selected for C9500X switches
C9500-RFID-NONE	No RFID Selected for C9500 high performance and C9500X switches

© 2026 Cisco and/or its affiliates. All rights reserved.

Tables 6 and 7 list product IDs for Cisco DNA and Catalyst software licenses. Table 8 provides unified licensing SKUs.

Table 6. Cisco DNA Software PIDs

Cisco DNA term licenses	
Cisco DNA Advantage licenses	
C9500X-DNA-A-3Y	Catalyst 9500X Cisco DNA Advantage license (3Y) for 28C8D SKU
C9500X-DNA-A-5Y	Catalyst 9500X Cisco DNA Advantage license (5Y) for 28C8D SKU
C9500X-DNA-A-7Y	Catalyst 9500X Cisco DNA Advantage license (7Y) for 28C8D SKU
C9500-DNA-A-3Y	Catalyst 9500 NW and Cisco DNA Advantage license (3Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-A-5Y	Catalyst 9500 NW and Cisco DNA Advantage license (5Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-A-7Y	Catalyst 9500 NW and Cisco DNA Advantage license (7Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-L-A-3Y	Catalyst 9500 NW and Cisco DNA Advantage low port density license (3Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-A-5Y	Catalyst 9500 NW and Cisco DNA Advantage low port density license (5Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-A-7Y	Catalyst 9500 NW and Cisco DNA Advantage low port density license (7Y) for 12Q, 16X, 24Y4C SKU
Cisco DNA Essentials licenses	
C9500X-DNA-E-3Y	Catalyst 9500X Cisco DNA Essential license (3Y) for 28C8D SKU
C9500X-DNA-E-5Y	Catalyst 9500X Cisco DNA Essential license (5Y) for 28C8D SKU
C9500X-DNA-E-7Y	Catalyst 9500X Cisco DNA Essential license (7Y) for 28C8D SKU
C9500-DNA-L-E-3Y	Catalyst 9500 NW and Cisco DNA Essentials. low port density license (3Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-E-5Y	Catalyst 9500 NW and Cisco DNA Essentials. low port density license (5Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-L-E-7Y	Catalyst 9500 NW and Cisco DNA Essentials. low port density license (7Y) for 12Q, 16X, 24Y4C SKU
C9500-DNA-E-3Y	Catalyst 9500 NW and Cisco DNA Essentials. license (3Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-E-5Y	Catalyst 9500 NW and Cisco DNA Essentials. license (5Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU
C9500-DNA-E-7Y	Catalyst 9500 NW and Cisco DNA Essentials. license (7Y) for 24Q, 40X, 32C, 32QC, 48Y4C SKU

© 2026 Cisco and/or its affiliates. All rights reserved.

Cisco DNA term licenses	
Cisco DNA License Upgrade	Upgrade from Essentials to Advantage
C9500-LIC=	Electronic SW License for C9500 Switches
C9500X-DNA-28C8DEA	C9500X DNA 28P100G 4P400G Upgrade License
C9500-DNA-16X-E-A	C9500 DNA 16P10G Upgrade License
C9500-DNA-24Y4CEA	C9500 DNA 24P25G Upgrade License
C9500-DNA-32C-E-A	C9500 DNA 32P100G Upgrade License
C9500-DNA-32QC-E-A	C9500 DNA 32P40G Upgrade License
C9500-DNA-48Y4CEA	C9500 DNA 48P25G Upgrade License
C9500-DNA-12Q-E-A	C9500 DNA 12P40G Upgrade License
C9500-DNA-24Q-E-A	C9500 DNA 24P40G Upgrade License
C9500-DNA-40X-E-A	C9500 DNA 40P10G Upgrade License

Table 7. Cisco Catalyst Software SKUs

Cisco Catalyst Software SKU	Product description
C9500-DNX-A-12Q-3Y	C9500 Advantage Catalyst Software subscription, 12-Port, 3Y License
C9500-DNX-A-12Q-5Y	C9500 Advantage Catalyst Software subscription, 12-Port, 5Y License
C9500-DNX-A-12Q-7Y	C9500 Advantage Catalyst Software subscription, 12-Port, 7Y License
C9500-DNX-E-12Q-3Y	C9500 Essentials Catalyst Software subscription, 12-Port, 3Y License
C9500-DNX-E-12Q-5Y	C9500 Essentials Catalyst Software subscription, 12-Port, 5Y License
C9500-DNX-E-12Q-7Y	C9500 Essentials Catalyst Software subscription, 12-Port, 7Y License
C9500-DNX-A-16X-3Y	C9500 Advantage Catalyst Software subscription, 16-Port, 3Y License
C9500-DNX-A-16X-5Y	C9500 Advantage Catalyst Software subscription, 16-Port, 5Y License
C9500-DNX-A-16X-7Y	C9500 Advantage Catalyst Software subscription, 16-Port, 7Y License
C9500-DNX-E-16X-3Y	C9500 Essentials Catalyst Software subscription, 16-Port, 3Y License
C9500-DNX-E-16X-5Y	C9500 Essentials Catalyst Software subscription, 16-Port, 5Y License
C9500-DNX-E-16X-7Y	C9500 Essentials Catalyst Software subscription, 16-Port, 7Y License
C9500-DNX-A-24Q-3Y	C9500 Advantage Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-A-24Q-5Y	C9500 Advantage Catalyst Software subscription, 24-Port, 5Y License

© 2026 Cisco and/or its affiliates. All rights reserved.

Cisco Catalyst Software SKU	Product description
C9500-DNX-A-24Q-7Y	C9500 Advantage Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-E-24Q-3Y	C9500 Essentials Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-E-24Q-5Y	C9500 Essentials Catalyst Software subscription, 24-Port, 5Y License
C9500-DNX-E-24Q-7Y	C9500 Essentials Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-A-24Y-3Y	C9500 Advantage Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-A-24Y-5Y	C9500 Advantage Catalyst Software subscription, 24-Port, 5Y License
C9500-DNX-A-24Y-7Y	C9500 Advantage Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-E-24Y-3Y	C9500 Essentials Catalyst Software subscription, 24-Port, 3Y License
C9500-DNX-E-24Y-5Y	C9500 Essentials Catalyst Software subscription, 24-Port, 5Y License
C9500-DNX-E-24Y-7Y	C9500 Essentials Catalyst Software subscription, 24-Port, 7Y License
C9500-DNX-A-28C-3Y	C9500 Advantage Catalyst Software subscription, 28-Port, 3Y License
C9500-DNX-A-28C-5Y	C9500 Advantage Catalyst Software subscription, 28-Port, 5Y License
C9500-DNX-A-28C-7Y	C9500 Advantage Catalyst Software subscription, 28-Port, 7Y License
C9500-DNX-E-28C-3Y	C9500 Essentials Catalyst Software subscription, 28-Port, 3Y License
C9500-DNX-E-28C-5Y	C9500 Essentials Catalyst Software subscription, 28-Port, 5Y License
C9500-DNX-E-28C-7Y	C9500 Essentials Catalyst Software subscription, 28-Port, 7Y License
C9500-DNX-A-32C-3Y	C9500 Advantage Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-A-32C-5Y	C9500 Advantage Catalyst Software subscription, 32-Port, 5Y License
C9500-DNX-A-32C-7Y	C9500 Advantage Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-E-32C-3Y	C9500 Essentials Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-E-32C-5Y	C9500 Essentials Catalyst Software subscription, 32-Port, 5Y License
C9500-DNX-E-32C-7Y	C9500 Essentials Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-A-32Q-3Y	C9500 Advantage Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-A-32Q-5Y	C9500 Advantage Catalyst Software subscription, 32-Port, 5Y License
C9500-DNX-A-32Q-7Y	C9500 Advantage Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-E-32Q-3Y	C9500 Essentials Catalyst Software subscription, 32-Port, 3Y License
C9500-DNX-E-32Q-5Y	C9500 Essentials Catalyst Software subscription, 32-Port, 5Y License

© 2026 Cisco and/or its affiliates. All rights reserved.

Cisco Catalyst Software SKU	Product description
C9500-DNX-E-32Q-7Y	C9500 Essentials Catalyst Software subscription, 32-Port, 7Y License
C9500-DNX-A-40X-3Y	C9500 Advantage Catalyst Software subscription, 40-Port, 3Y License
C9500-DNX-A-40X-5Y	C9500 Advantage Catalyst Software subscription, 40-Port, 5Y License
C9500-DNX-A-40X-7Y	C9500 Advantage Catalyst Software subscription, 40-Port, 7Y License
C9500-DNX-E-40X-3Y	C9500 Essentials Catalyst Software subscription, 40-Port, 3Y License
C9500-DNX-E-40X-5Y	C9500 Essentials Catalyst Software subscription, 40-Port, 5Y License
C9500-DNX-E-40X-7Y	C9500 Essentials Catalyst Software subscription, 40-Port, 7Y License
C9500-DNX-A-48Y-3Y	C9500 Advantage Catalyst Software subscription, 48-Port, 3Y License
C9500-DNX-A-48Y-5Y	C9500 Advantage Catalyst Software subscription, 48-Port, 5Y License
C9500-DNX-A-48Y-7Y	C9500 Advantage Catalyst Software subscription, 48-Port, 7Y License
C9500-DNX-E-48Y-3Y	C9500 Essentials Catalyst Software subscription, 48-Port, 3Y License
C9500-DNX-E-48Y-5Y	C9500 Essentials Catalyst Software subscription, 48-Port, 5Y License
C9500-DNX-E-48Y-7Y	C9500 Essentials Catalyst Software subscription, 48-Port, 7Y License
C9500-DNX-A-60L-3Y	C9500 Advantage Catalyst Software subscription, 60-Port, 3Y License
C9500-DNX-A-60L-5Y	C9500 Advantage Catalyst Software subscription, 60-Port, 5Y License
C9500-DNX-A-60L-7Y	C9500 Advantage Catalyst Software subscription, 60-Port, 7Y License

Table 8. Unified licensing SKUs

Cisco Switching Essentials	LIC-CS-AC1-L-E Cisco Switching Essentials License Access Tier 1, Large (48 port) LIC-CS-AC1-M-E Cisco Switching Essentials License Access Tier 1, Medium (up to 24 port)
Cisco Switching Advantage	LIC-CS-AC1-L-A Cisco Switching Advantage License Access Tier 1, Large (48 port) LIC-CS-AC1-M-A Cisco Switching Advantage License Access Tier 1, Medium (up to 24 port)

© 2026 Cisco and/or its affiliates. All rights reserved.

Optics support

The Cisco Catalyst 9500 Series supports a wide range of optics. Because the list of supported optics is updated on a regular basis, please consult the tables available here for the latest compatibility information: https://www.cisco.com/c/en/us/support/interfaces-modules/transceiver-modules/products-device-support-tables-list.html.

Important links

Smart Accounts: all you need to know

- Operations Exchange: partner and distributor software training: A comprehensive list of external software training resources. Detailed training modules for ordering and license management.
- SalesConnect Briefcase: Software training resources for Cisco internal sellers.
- Smart Account Leading Practices for Customers: A leading practices guide that can help customers decide how to structure their Smart Accounts or if they need multiple Smart Accounts.
- Smart Account Decision Tree: A short branching survey that helps partners and customers understand what type of Smart Accounts to create. Message templates for account managers to use when sending information about Smart Accounts to customers.
- CDC site: The primary Cisco.com site for Smart Accounts.
- AMER Software training schedule: List of live software training sessions currently offered.
- Training reservation form: Form to request a live software training session.

Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at **https://www.cisco.com/go/offices**.

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: https://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)

Printed in USA C07-739240-11 09/26

© 2026 Cisco and/or its affiliates. All rights reserved.