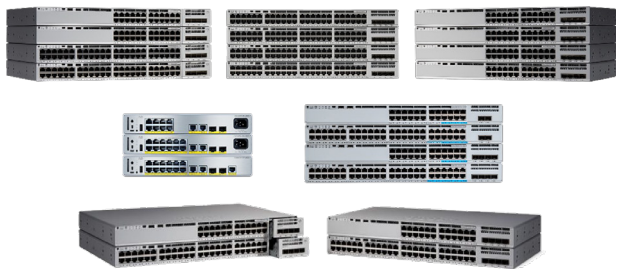
Cisco Catalyst 9200 Series Switches

Things to know

Before placing an order, please review the following:

- The Cisco Catalyst 9200 Series offer structure has three main components: the switch hardware, a Network stack perpetual license, and choice between a Cisco Catalyst software subscription license or a Cisco DNA subscription license.
- The software subscription licenses, and Network Stack perpetual licenses are smart license product IDs (SKUs). The subscription license, 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 (Cisco Catalyst software subscription)



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Common terminology

- Network Stack: NW
- Cisco Digital Network Architecture: DNA
  Cisco Catalyst software subscription: DNX
- Essentials: -E
- Advantage: -A
- Smart Account: SA
- Smart License: SL

Smart license: SL Purpose of this document

This document provides a detailed overview of the ordering process for Catalyst 9200 Series switches on Cisco Commerce Workspace.

Hardware and software order overview

Cisco Catalyst 9200 Series switches can be ordered through Cisco Commerce Workspace with a Cisco Catalyst or Cisco DNA term subscription at Essentials or Advantage software tiers.All subscription options include switch hardware coupled with Cisco IOS XE and the Network Stack software.

Software license options

	Cisco Catalyst Software Subscription[new]	Cisco DNA subscription	Network Stack
Packages[1]	3, 5 or 7 Year Terms	3, 5 or 7 Year Terms	Perpetual
Tiers	Advantage, Essentials	Advantage, Essentials	Advantage, Essentials
Portability[2]	✔	✔	✔
Management options	Catalyst Center, Meraki Dashboard	Catalyst Center, Meraki Dashboard	CLI, Web UI
Included support	Base product-level support for Hardware, Software and OS	Software support (SWSS)	✖

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

[2] Portability within the same series of Catalyst 9000 hardware

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

- Cisco software 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.

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Catalyst software subscription feature matrix

For the latest features, please view the Cisco Catalyst 9200 Series Switches Data Sheet or Cisco Catalyst Software Subscription Matrix for Switching.

How to order a Cisco Catalyst 9200 Series switch

Both Network Stack licenses and Cisco Catalyst or Cisco DNA Software subscription licenses are mandatory at the time of purchase and come in two licensing tier options: Essentials (-E) and Advantage (-A). The Network Stack license, Network Essentials or Advantage is included with the hardware, while a Cisco Catalyst or Cisco DNA Software subscription term license needs to be selected at the time of order.

To order in the Cisco Commerce Workspace, follow these steps:

- Select the appropriate Catalyst 9200 Series switch SKU for the desired license tier type – Advantage (-A) or Essentials (-E).Click on “Edit Options” to choose software subscription type and term and to select hardware options and accessories.
- Choose the software subscription type – Cisco Catalyst or Cisco DNA Software subscription. To select a Cisco Catalyst Software subscription, the default Cisco DNA subscription must be deselected by using “Clear Section”.
- Choose the term of the subscription (3, 5 or 7 years).
- Add other components and options (e.g. network modules, secondary power supply, power cables, etc.)

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Step-by-Step Ordering in Cisco Commerce Workspace

Enter the hardware SKU in Cisco Commerce Workspace.

The Network Stack license is perpetual and included with the hardware by default per the respective hardware SKU suffix (-E, -A). For example: C9200-48P-E/ C9200-48P-A.

Check Summary to validate all terms are aligned to intended term.

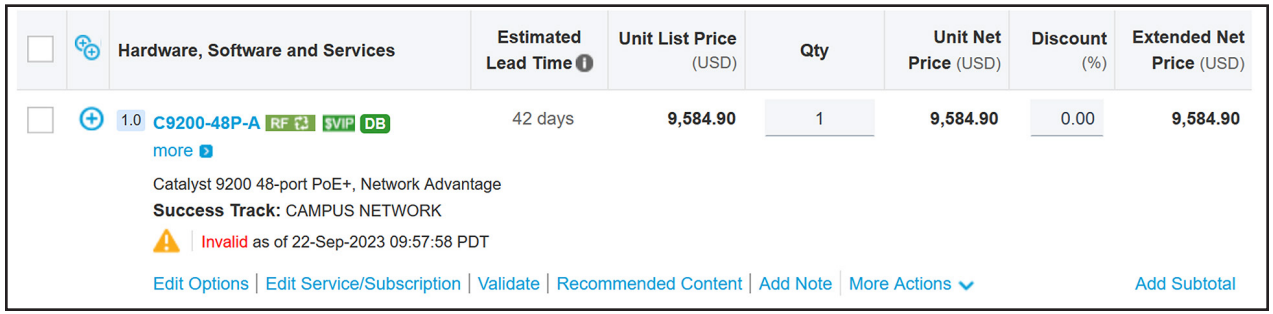

Figure 2. Summary of added hardware

- Click on “Edit Options” to choose software subscription type and term and to select hardware options and accessories.

By default, a 3 year term Cisco DNA software subscription is selected, but can be changed to 5 or 7 year term or to a Cisco Cataylst 3, 5 or 7 year term license. A software term license aligning with hardware SKU suffis (-E or -A) is mandatory.

Cisco DNA Software subscription option

To modify the term of a Cisco DNA software subscription, click on the current term license in the “Configuration Summary” and select 3,5 or 7 year term as needed.

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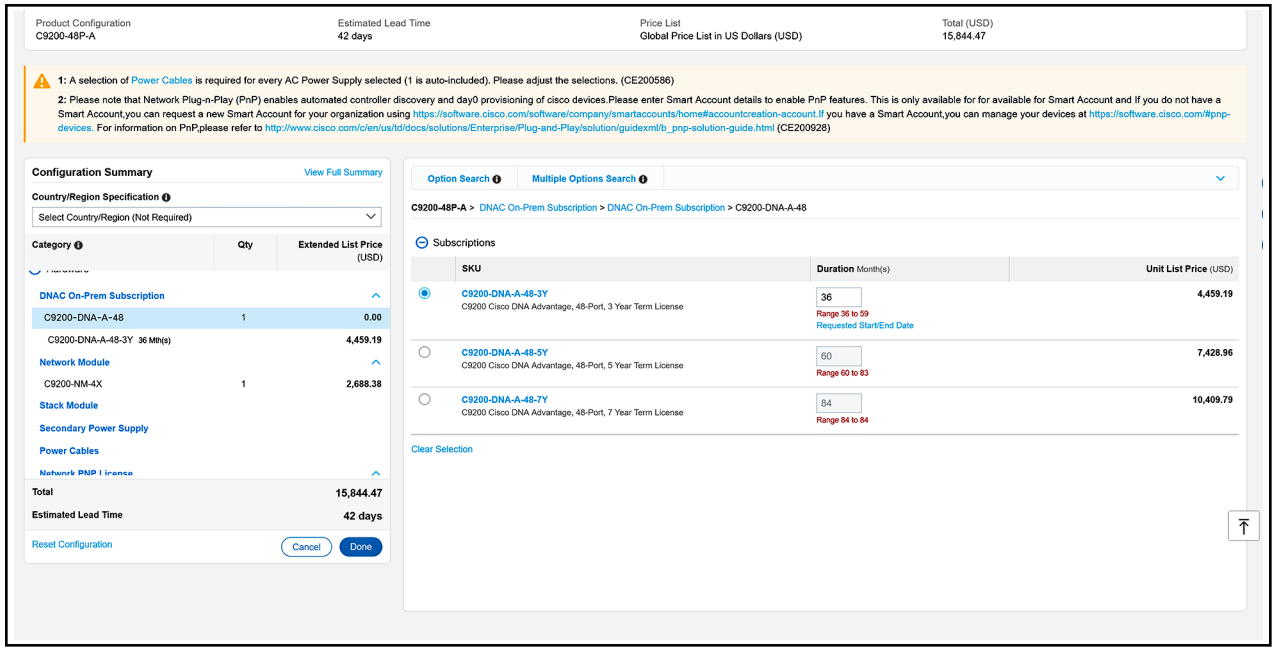

Figure 3. Cisco DNA Software subscription term options

Cisco Catalyst Software subscription option

To select the Cisco Catalyst Software option, click on “Subscriptions” in the “Configuration Summary”

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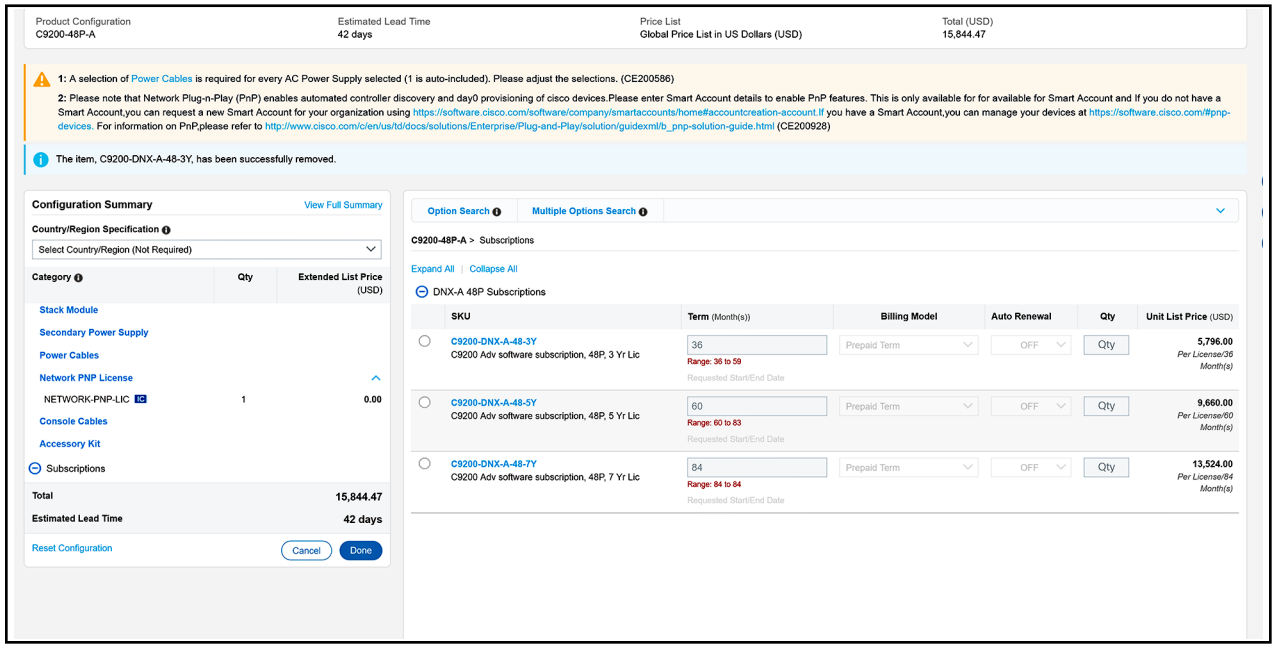

Figure 4. Cisco Catalyst Software subscription options

Note: The billing Model currently supported is Prepaid Term only and Auto Renewal is currently set to OFF.

After selecting the Cisco Catalyst Software subscription option, including term, the current Cisco DNA term license must be “deselected”. To deselect, click on “DNAC on-Prem Subscription” in the “Configuration Summary” and click on “Clear Selection.

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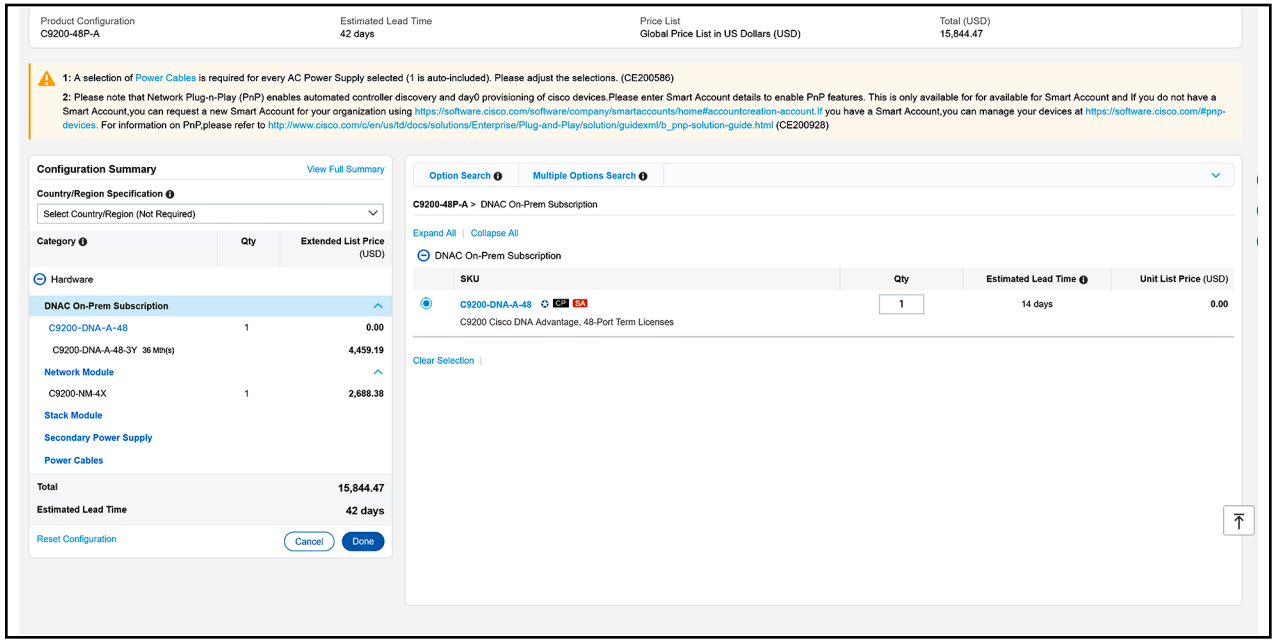

Figure 5. Cisco DNA Software subscription summary

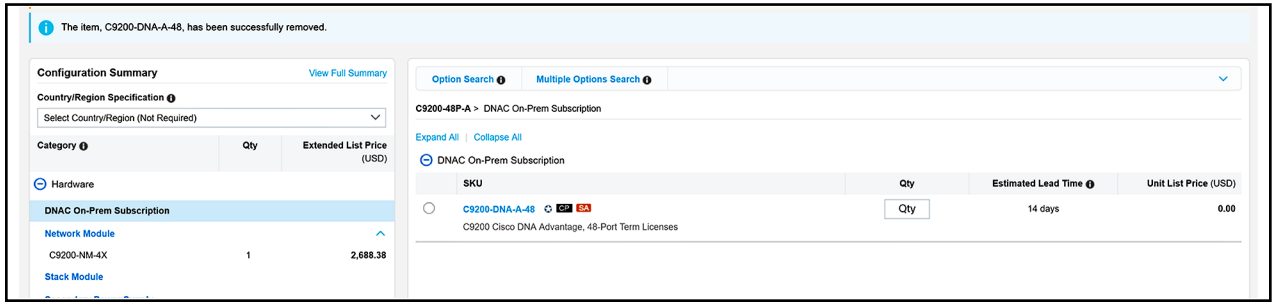

Figure 6. Cisco DNA Software subscription deselected

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Next, a power cable must be selected to complete the configuration:

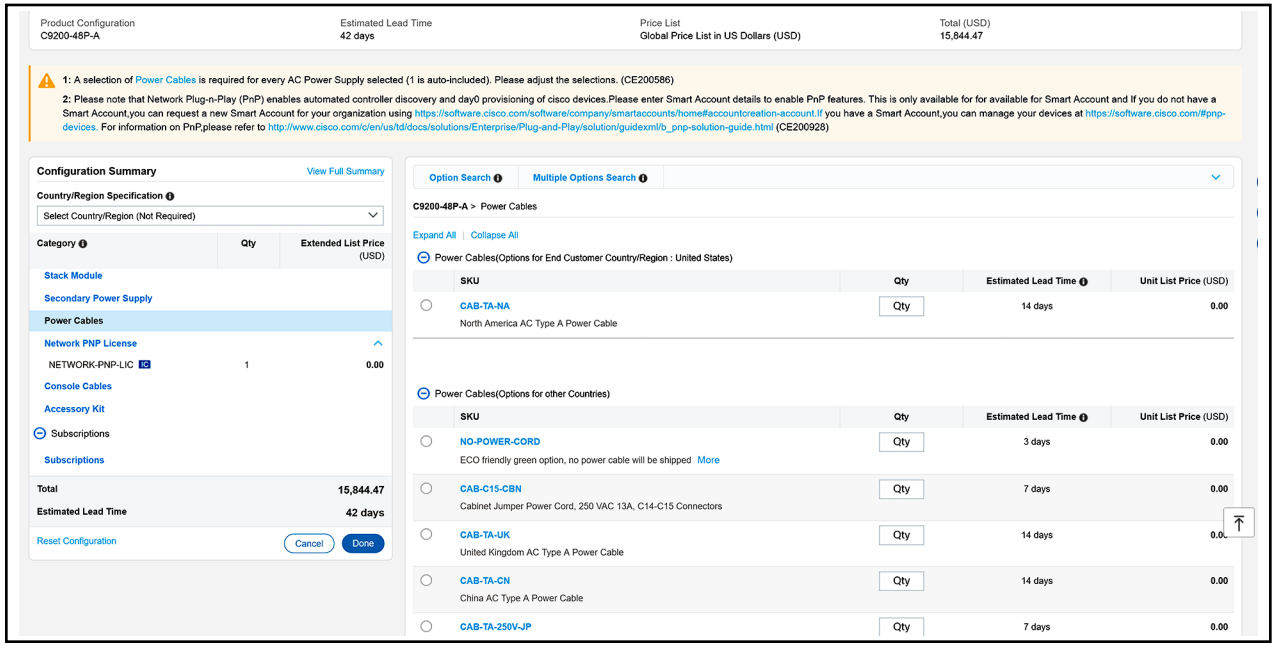

Figure 7. Catalyst 9200 Series power cable options

The primary power supply is added by default, based on the hardware model. A secondary power supply can be selected as well, based on hardware model.

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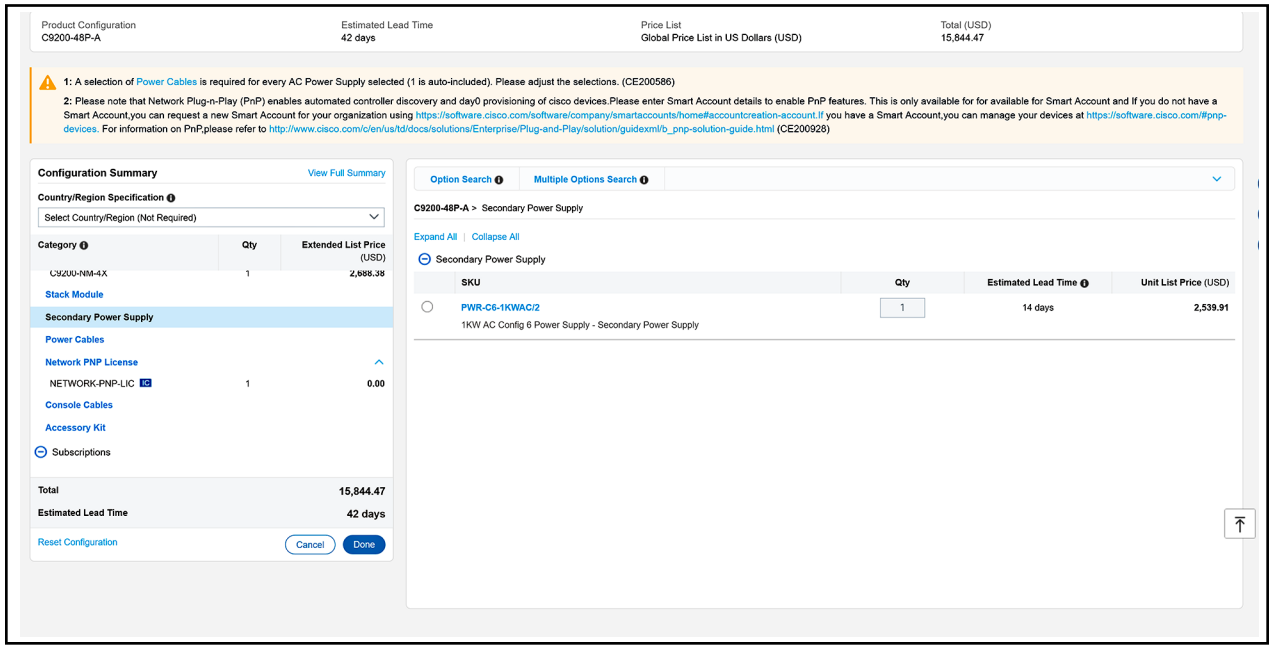

Figure 8. Cisco Catalyst 9200 Series secondary power supply option

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A stacking module is available for selection. Each stack kit contains two stack adaptors and one stacking cable:

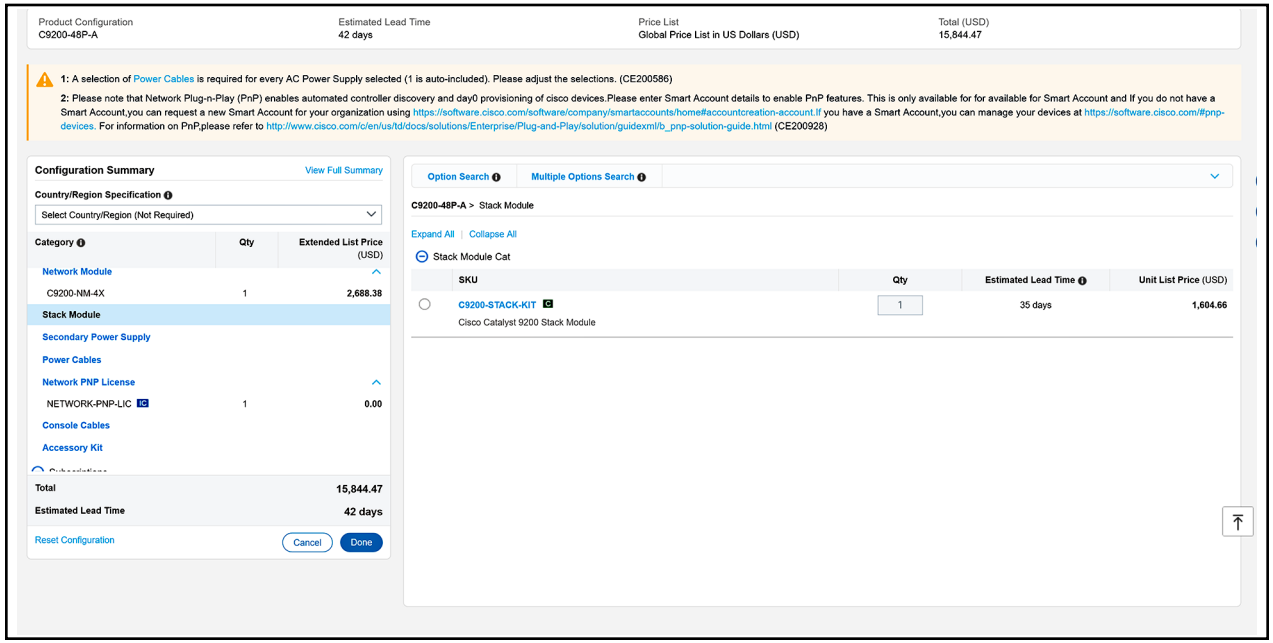

Figure 9. Cisco Catalyst 9200 Series stacking kit option

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Console cables options are also available.

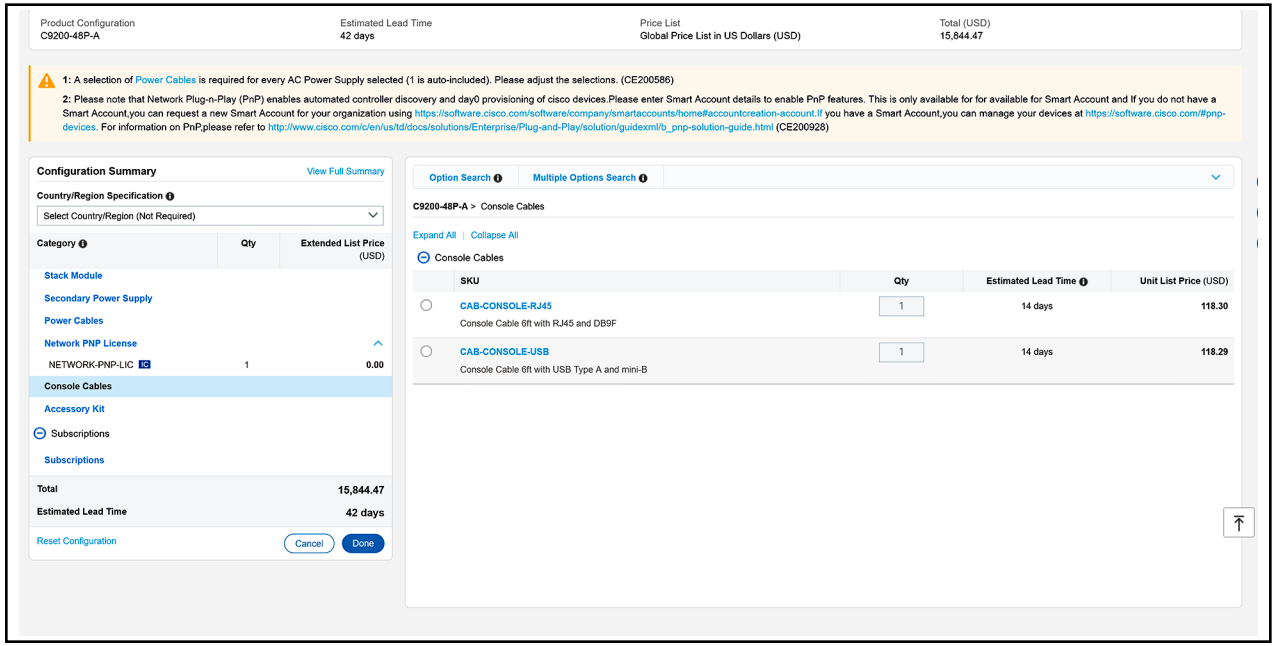

Figure 10. Cisco Catalyst 9200 Series console cable options

Finally, there are some additional accessories that may be valuable for installation.

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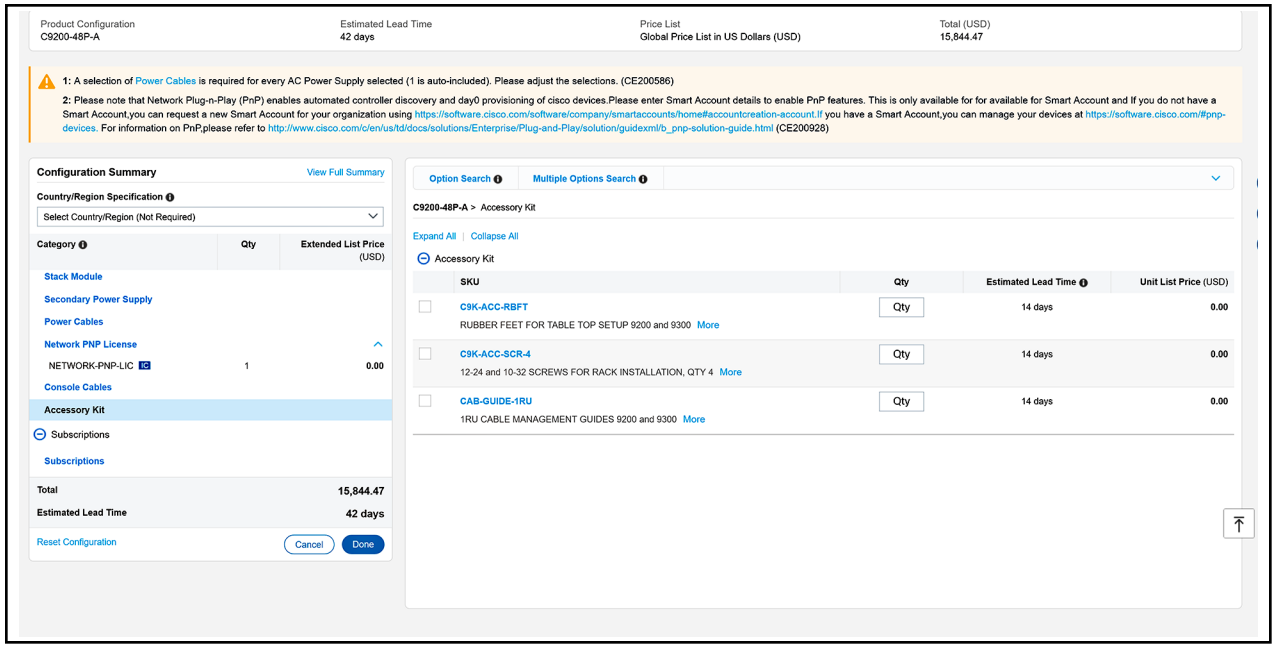

Figure 11. Cisco Catalyst 9200 Series accessory options

Default accessories shipped with the switch

Cisco Catalyst 9200 Series switches ships with the following components and accessories by default:

- Switch
- Default power supply (based on selected switch)
- Power cable
- Standard 19-inch mounting brackets. (Other optional mounting brackets are available to order as spares)

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How to order a Cisco Catalyst 9200CX model switch

Enter the hardware SKU in [Cisco Commerce Workspace](#).

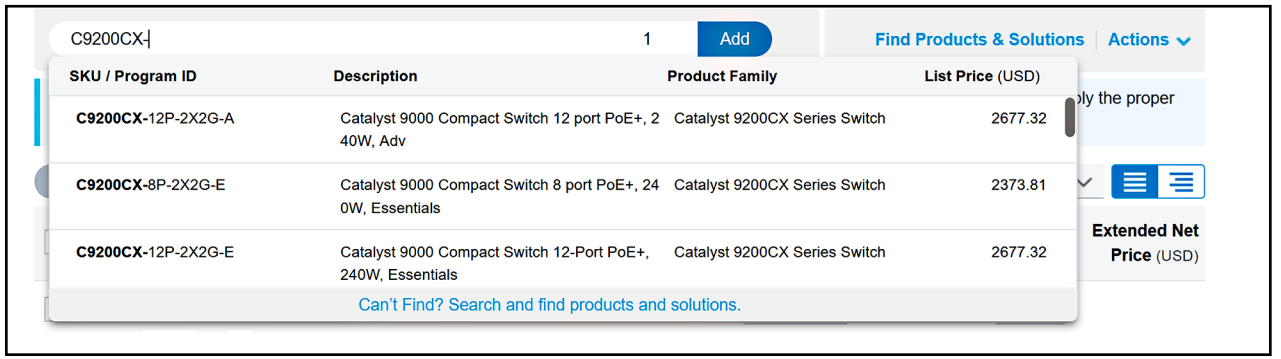

Figure 12. Cisco Commerce Workspace search for C9200CX models

The Network Stack license is perpetual and included with the hardware by default per the respective hardware SKU suffix (-E, -A). For example: C9200CX-12P-2X2G-E/ C9200CX-12P-2X2G-A). The software and Network PNP license are preselected by default.

Check Summary to validate all terms are aligned to intended term.

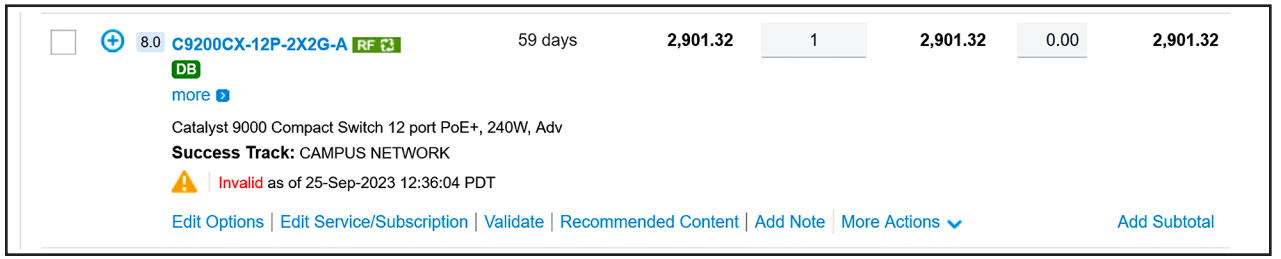

Figure 13. Catalyst 9200CX model summary

By default, a 3 year term Cisco DNA software subscription is selected, but can be changed to 5 or 7 year term or to a Cisco Cataylst 3, 5 or 7 year term license. A software term license aligning with hardware SKU suffis (-E or -A) is mandatory.Cisco DNA Software subscription option

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To modify the term of a Cisco DNA software subscription, click on the current term license in the "Configuration Summary" and select 3,5 or 7 year term as needed.

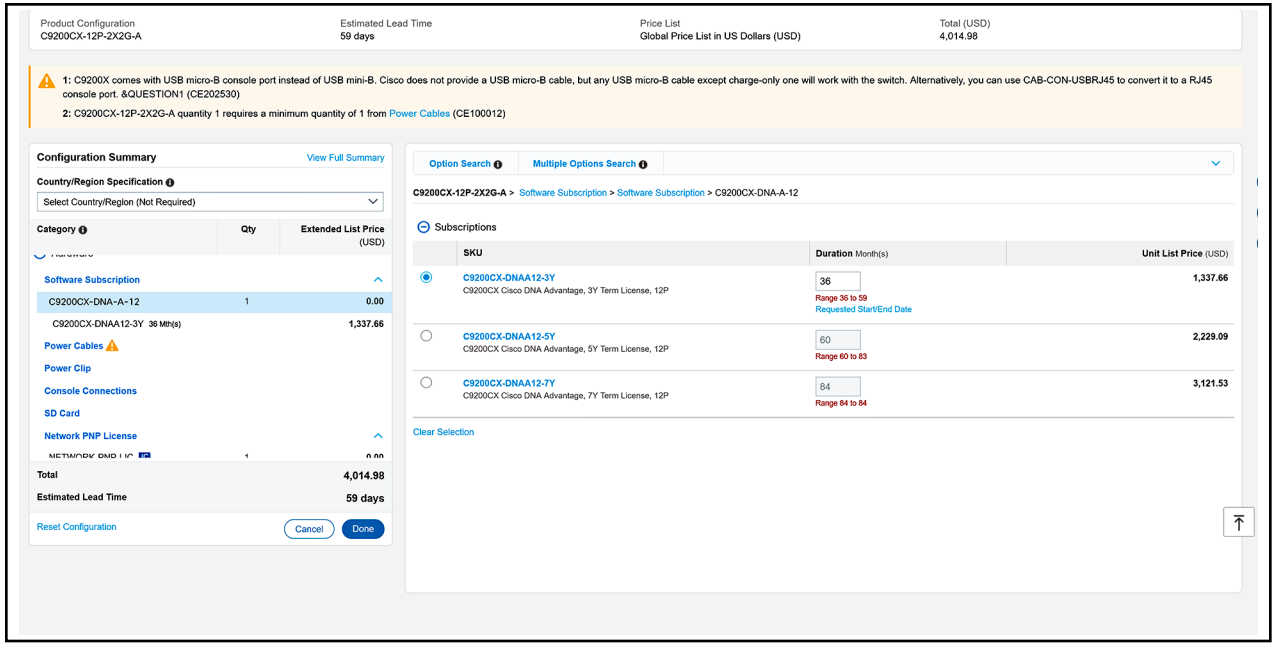

Figure 14. Cisco DNA Software subscription options for C9200CX models

Cisco Catalyst Software subscription option

To select the Cisco Catalyst Software option, click on "Subscriptions" in the "Configuration Summary".

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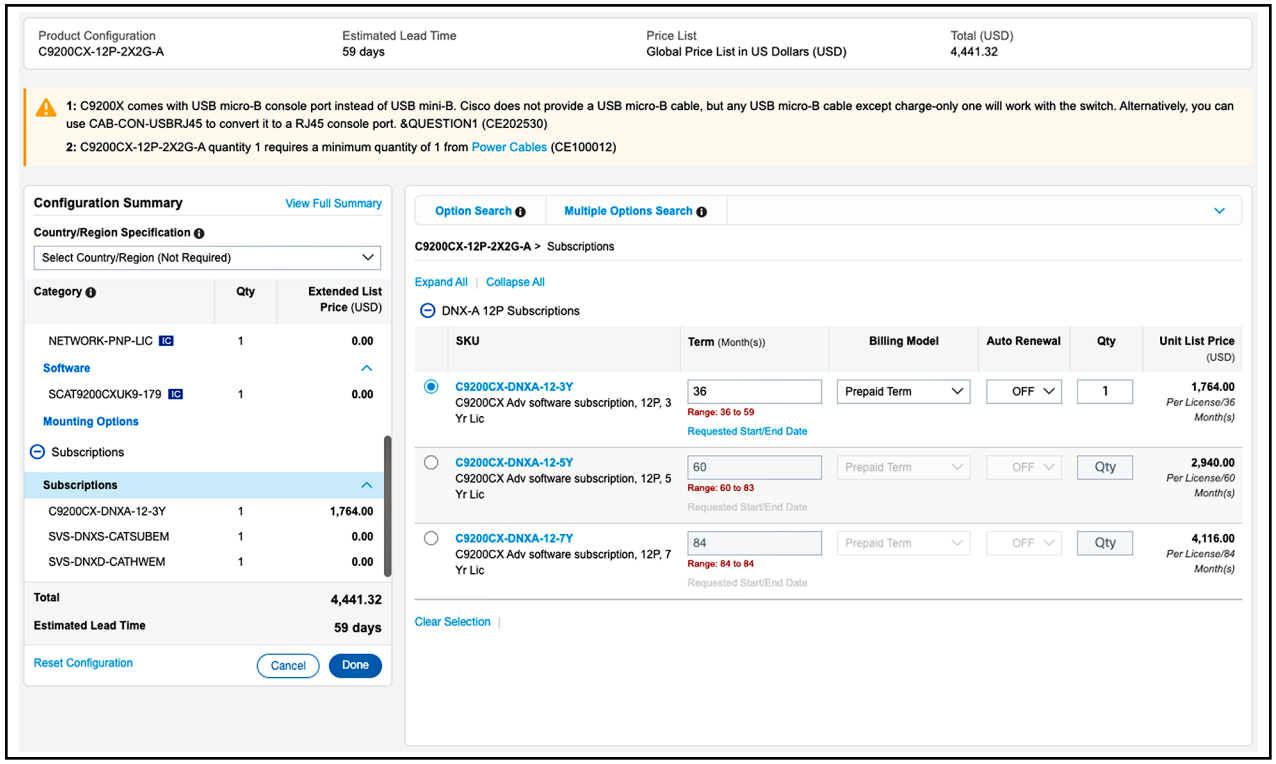

Figure 15. Cisco Catalyst Software subscription options

Note: The billing Model currently supported is Prepaid Term only and Auto Renewal is currently set to OFF.

After selecting the Cisco Catalyst Software subscription option, including term, the current Cisco DNA term license must be “deselected”. To deselect, click on “DNAC on-Prem Subscription” in the “Configuration Summary” and click on “Clear Selection.

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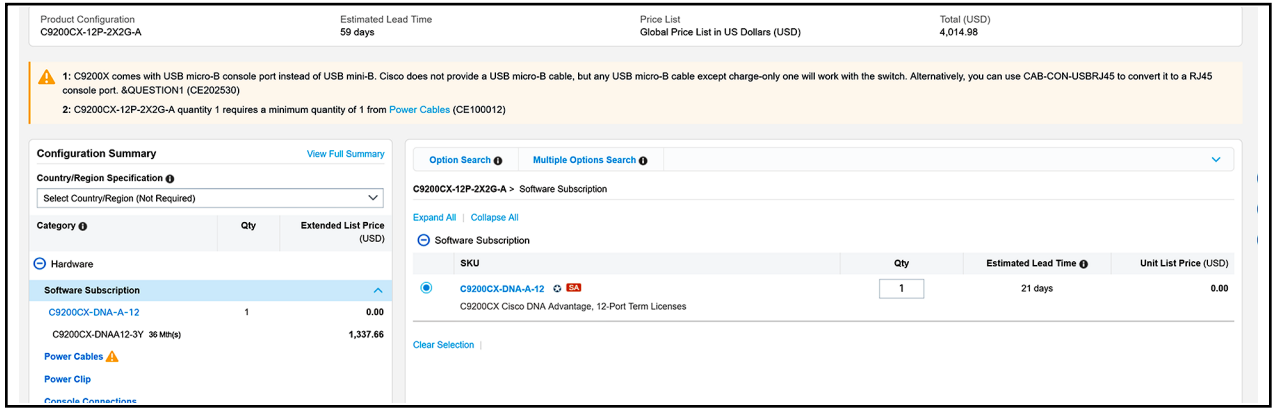

Figure 16. Cisco DNA Software summary

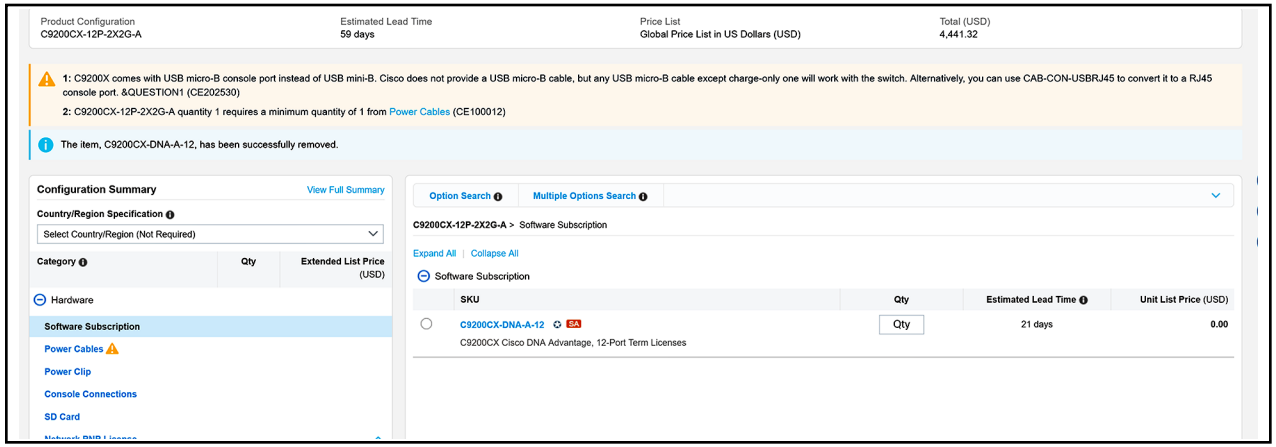

Figure 17. Cisco DNA Software summary with license removed

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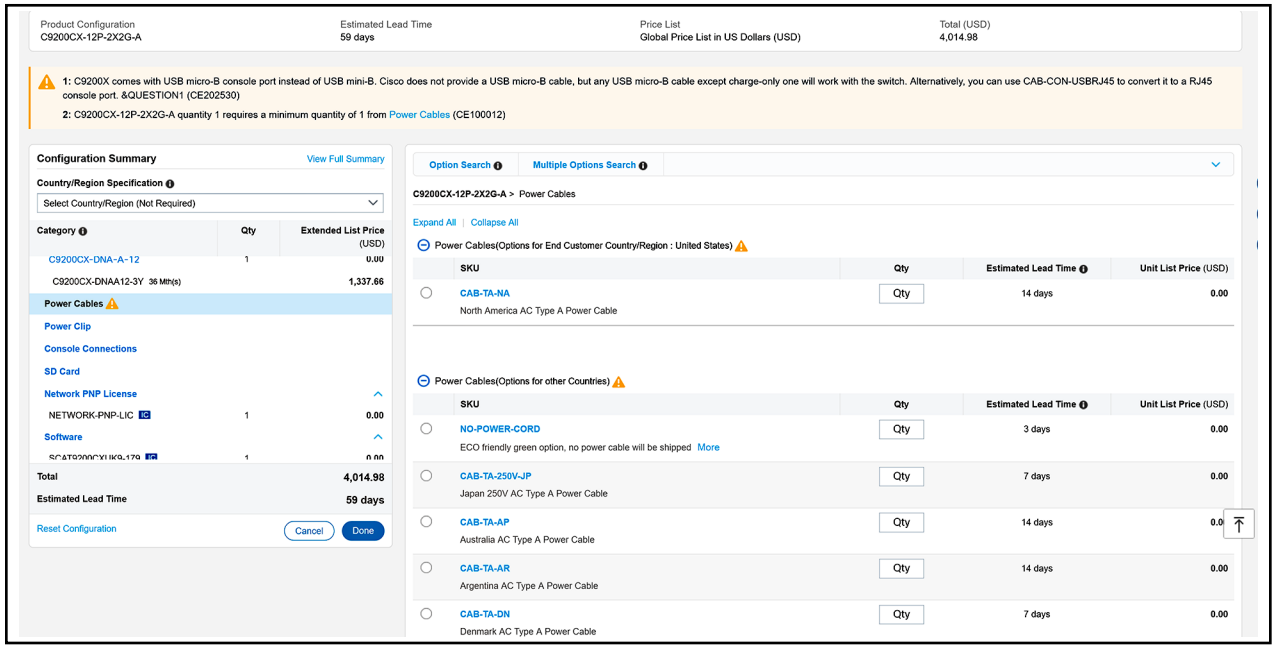
For switch models with internal AC power supply, a power cable must be selected to complete the configuration:



For switch models with internal HVDC power supply, no power cable needs to be selected. Customer or system integrator is responsible for the power cable as HVDC switches are usually installed in DC micro grid with customized cables and connectors. For more information, please consult with your Cisco sales representative.

C9200CX-12T-2X2G can be powered by UPOE+ or IEEE 802.3bt Class 6 and does not come with a power supply by default. Optional external power adaptors are also available if you do not plan to power the switch by PoE.

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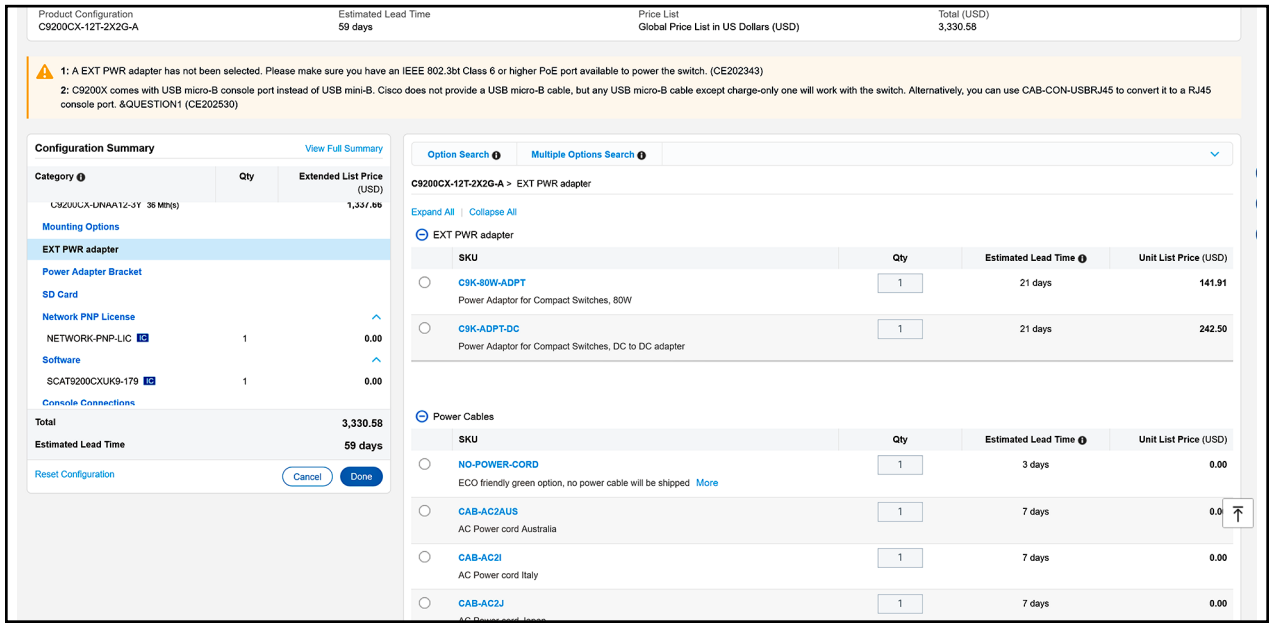
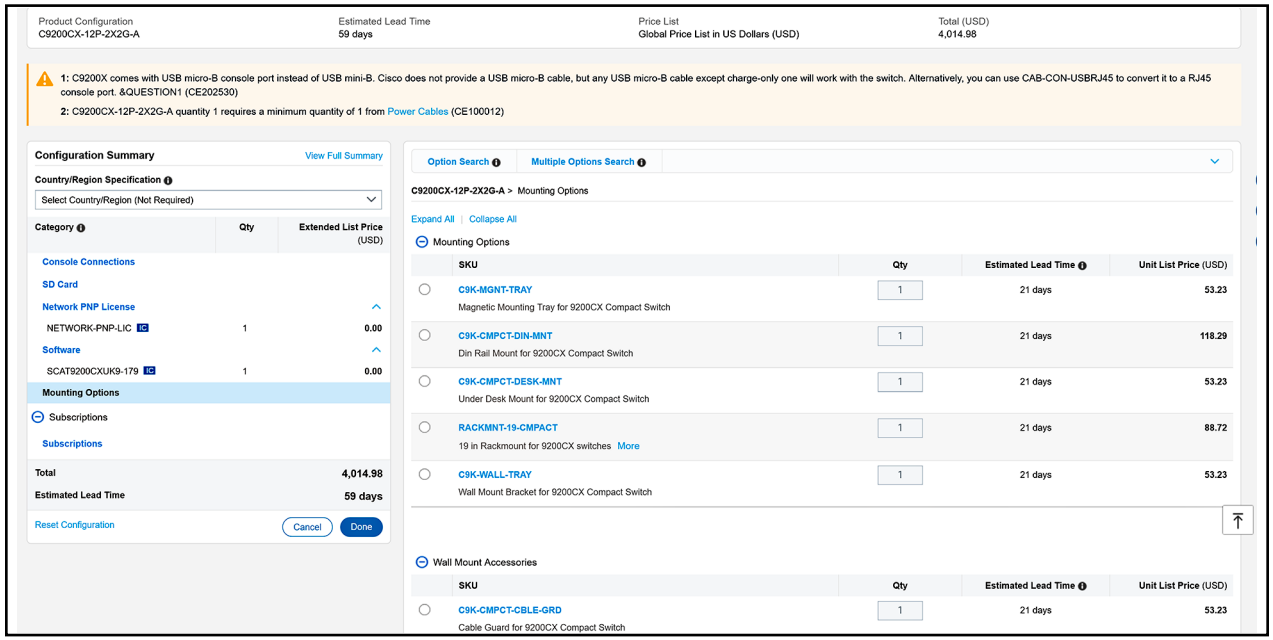


Select a mounting option based on the requirement.



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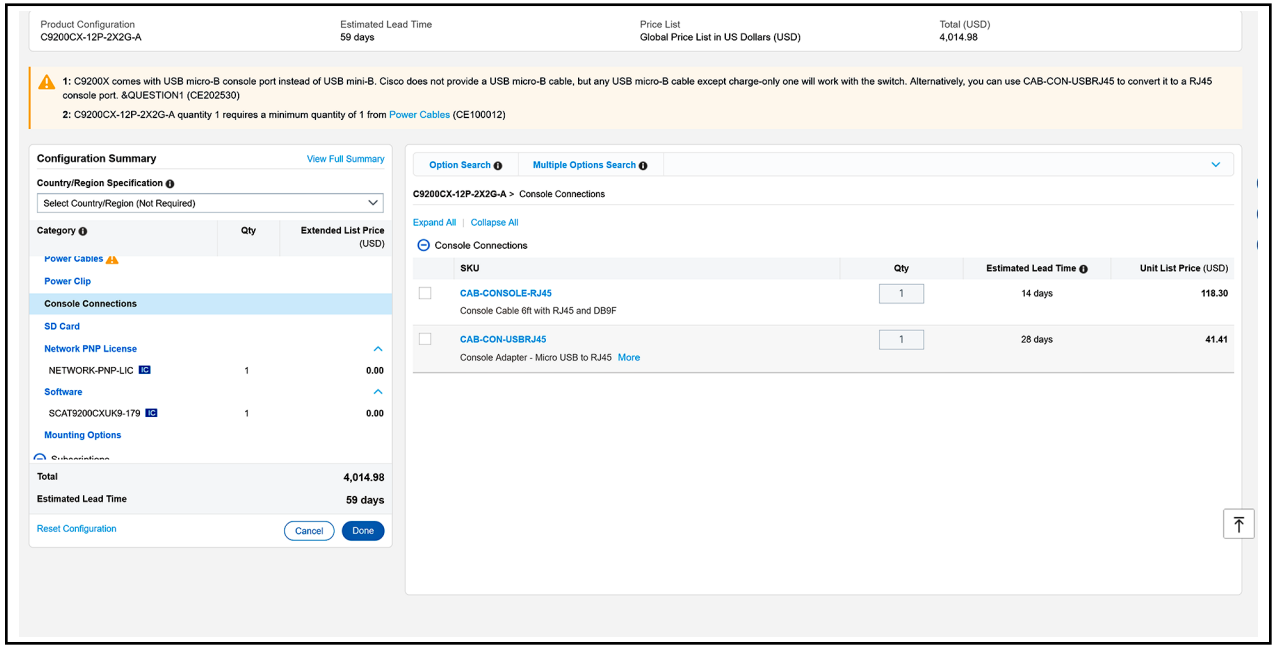
Finally, select SD card, console cable, power clip and power adaptor bracket options as needed.

Catalyst 9200CX models come with USB micro-B console port only instead of USB mini-B or RJ45. Cisco does not provide a USB micro-B console cable, but any USB micro-B cable except charge-only one will work with the switch. Alternatively, you can use CAB-CON-USBRJ45 to convert it to a RJ45 console port.



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Licensing

All Cisco Catalyst 9200 Series switch hardware is available with two software options. Each software option includes two components, as shown in Table 1.

Table 1. License levels and options

License level	Network stack offer (perpetual and embedded)	Cisco DNA or Catalyst software subscription Offer (Term Based)
-E	Network Essentials	Essentials (3, 5, or 7 years)
-A	Network Advantage	Advantage (3, 5, or 7 years)

Smart Accounts

As with all Catalyst 9000 family switches, Smart Accounts are mandatory when ordering a Catalyst 9200 Series switch.

A Smart Account is a central data repository that provides visibility and access control to all the Cisco software licenses and entitlements across an organization. Smart Accounts allow customers to store, manage, and move assets across locations and devices and begin to use them immediately. Smart Accounts are required for enabling Cisco Smart Software Licensing.

After a Smart Account has been set up, customers have the flexibility to create subaccounts (virtual accounts) to help manage licenses for departments, areas, or locations within their organization. Licenses can be pooled within virtual accounts as needed. Smart Accounts support role-based user access controls, which allow the delegation of authority to account administrators at the Smart Account level or at the virtual account level. In addition, customers can assign partner visibility and management rights to their virtual or enterprise-level accounts.

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Additional information

- Operations Exchange site featuring Smart Account overviews and training sessions; navigate to the Smart Account Resources panel on the page
- Smart Account one-page aid
- To create Smart Accounts, visit https://www.cisco.com/c/en/us/buy/smart-accounts.html

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:** My Cisco Entitlements (MCE) 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 Software Central (software.cisco.com).

For a more detailed overview on Cisco Licensing, go to cisco.com/go/licensingguide

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Smart Licensing

Smart Licensing is a cloud-based licensing managed platform built to simplify the purchase, deployment, and management of Cisco software assets. Entitlements are immediately deposited into a customer's virtual account for usage. This eliminates the need to install license files on every device. Products that are Smart License enabled communicate to Cisco to report consumption. The primary location to manage product registration and monitor Smart License consumption is the Cisco Smart Software Manager. License ownership and consumption are readily available to help make better purchase decisions based on consumption or other business needs.

Cisco Smart Software Manager

Cisco Smart Software Manager enables the management of software licenses. The interface allows you to activate your 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.

Smart Account and Smart License availability

Important information about smart account and smart license availability.

- Catalyst 9200 Series switch SKUs are smart SKUs. License entitlements will be deposited in the Cisco Smart Software Manager and the Smart Accounts
- In addition to viewing entitlements, customers will also be able to track consumption

Smart Accounts are mandatory at the time of the order of a Catalyst 9200 Series switch. 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.

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Deploying Smart Licenses for Cisco Catalyst 9200 Series switches

The Cisco Catalyst 9000 switch family comes in different licensing packages in comparison to previous-generations Cisco Catalyst platforms. Smart Licenses are transferable between the same types of devices (for example, from one Cisco Catalyst 9200 Series switch to another). (See Figure 18.)

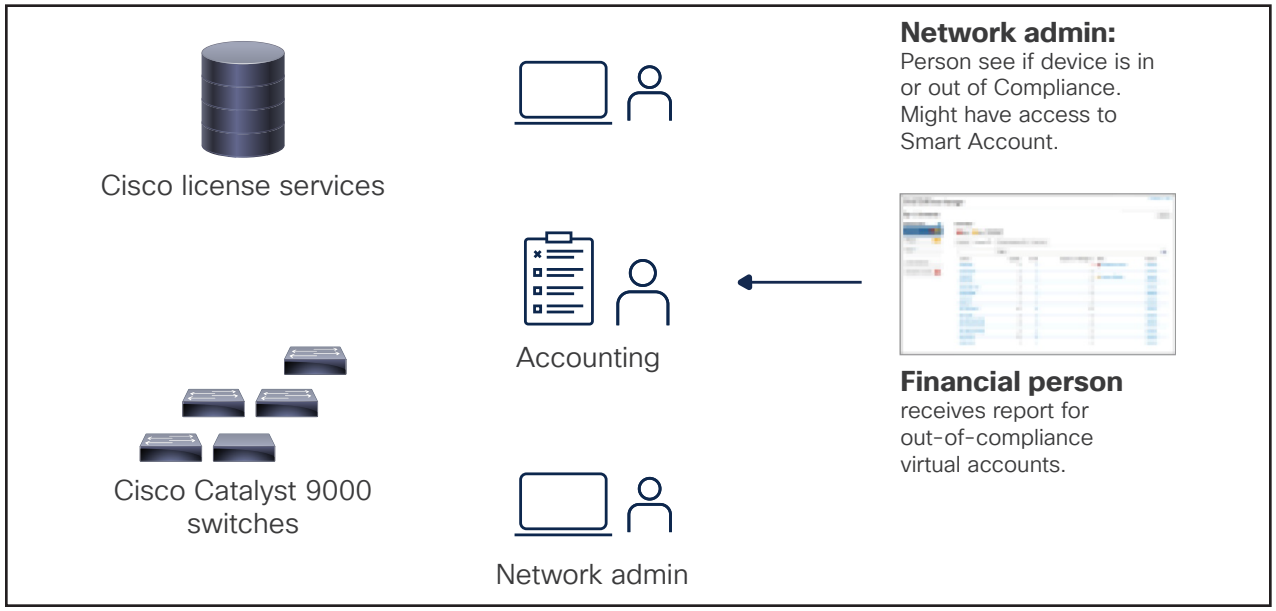

Figure 18. Deploying Smart Licenses

In the deployment model shown in Figure 18, the Smart Account Cisco back end and Cisco Catalyst 9200 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.

License usage and consumption reporting is performed on Cisco Smart Software Manager.

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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 support, partner service support, 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 Cisco Catalyst Software subscription, base product-level hardware and software support is included.

The Cisco 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 program, compared to a choice of eight RMA service-level options offered through Smart Net Total Care and Software Support Basic.

Because your enterprise network is the cornerstone of your IT and business, you may need faster response, more RMA choices and/or higher levels of support. Cisco Success Tracks and CX Cloud are designed to not only help accelerate adoption and maximize value for the security, automation, and assurance capabilities in your Cisco enterprise network, but 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).

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

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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 multi-product, multi-vendor 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

Figure 19. 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

Table 2. Comparison of support models for Cisco Catalyst Software subscriptions

		Cisco DNA included support	Smart Net Total Care	Cisco Catalyst Software Subscription 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 updates	Software	iOS	●	●
	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 **and** multivendor products				●
	No triage required to open a case				●

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		Cisco DNA included support	Smart Net Total Care	Cisco Catalyst Software Subscription included support	Success Tracks Level 1
	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)				●

Comparison of support models for Cisco Catalyst Software subscriptions.

Cisco Enhanced Limited Lifetime Hardware Warranty

Cisco Catalyst 9200 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 8 x 5 Cisco Technical Assistance Center (TAC) support.

Ordering information

Tables 3 through 12 provide ordering information for switches, network modules, stacking cables, Cisco DNA 48-port licenses, Cisco DNA 24-port licenses, Cisco DNA 12-port licenses, Cisco DNA 8-port licenses, and Cisco Catalyst Software licenses respectively.

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Table 3. Switch ordering information

Product number	Product Description
C9200-24T-A	Catalyst 9200 24-port Data switch, modular uplinks, Network Advantage
C9200-24T-E	Catalyst 9200 24-port Data switch modular uplinks, Network Essentials
C9200-24P-A	Catalyst 9200 24-port PoE+ switch modular uplinks, Network Advantage
C9200-24P-E	Catalyst 9200 24-port PoE+ switch modular uplinks, Network Essentials
C9200-24PB-A	Catalyst 9200 24-port PoE+, enhanced VRF, Network Advantage
C9200-48T-A	Catalyst 9200 48-port Data switch modular uplinks, Network Advantage
C9200-48T-E	Catalyst 9200 48-port Data switch modular uplinks, Network Essentials
C9200-48P-A	Catalyst 9200 48-port PoE+ switch modular uplinks, Network Advantage
C9200-48P-E	Catalyst 9200 48-port PoE+ switch modular uplinks, Network Essentials
C9200-48PL-A	Catalyst 9200 48-port partial PoE+ switch modular uplinks, Network Advantage
C9200-48PL-E	Catalyst 9200 48-port partial PoE+ switch modular uplinks, Network Essentials
C9200-48PB-A	Catalyst 9200 48-port PoE+, enhanced VRF, Network Advantage
C9200-24PXG-E	Catalyst 9200 24-port 8xmGig, 16x1G, PoE+, Network Essentials
C9200-24PXG-A	Catalyst 9200 24-port 8xmGig, 16x1G, PoE+, Network Advantage
C9200-48PXG-E	Catalyst 9200 48-port 8xmGig, 40x1G, PoE+, Network Essentials
C9200-48PXG-A	Catalyst 9200 48-port 8xmGig, 40x1G, PoE+, Network Advantage
C9200L-24T-4G-A	Catalyst 9200 24-port Data 4x1G fixed uplink switch, Network Advantage
C9200L-24T-4G-E	Catalyst 9200 24-port Data 4x1G fixed uplink switch, Network Essentials

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Product number	Product Description
C9200L-24P-4G-A	Catalyst 9200 24-port PoE+ 4x1G fixed uplink switch, Network Advantage
C9200L-24P-4G-E	Catalyst 9200 24-port PoE+ 4x1G fixed uplink switch, Network Essentials
C9200L-48T-4G-A	Catalyst 9200 48-port Data 4x1G fixed uplink switch, Network Advantage
C9200L-48T-4G-E	Catalyst 9200 48-port Data 4x1G fixed uplink switch, Network Essentials
C9200L-48P-4G-A	Catalyst 920048-port PoE+ 4x1G fixed uplink switch, Network Advantage
C9200L-48P-4G-E	Catalyst 920048-port PoE+ 4x1G fixed uplink switch, Network Essentials
C9200L-48PL-4G-A	Catalyst 920048-port partial PoE+ 4x1G fixed uplink switch, Network Advantage
C9200L-48PL-4G-E	Catalyst 920048-port partial PoE+ 4x1G fixed uplink switch, Network Essentials
C9200L-24T-4X-A	Catalyst 9200 24-port Data 4x10G fixed uplink switch, Network Advantage
C9200L-24T-4X-E	Catalyst 9200 24-port Data 4x10G fixed uplink switch, Network Essentials
C9200L-24P-4X-A	Catalyst 9200 24-port PoE+ 4x10G fixed uplink switch, Network Advantage
C9200L-24P-4X-E	Catalyst 9200 24-port PoE+ 4x10G fixed uplink switch, Network Essentials
C9200L-48T-4X-A	Catalyst 9200 48-port Data 4x10G fixed uplink switch, Network Advantage
C9200L-48T-4X-E	Catalyst 9200 48-port Data 4x10G fixed uplink switch, Network Essentials
C9200L-48P-4X-A	Catalyst 9200 48-port PoE+ 4x10G fixed uplink switch, Network Advantage
C9200L-48P-4X-E	Catalyst 9200 48-port PoE+ 4x10G fixed uplink switch, Network Essentials
C9200L-48PL-4X-A	Catalyst 9200 48-port partial PoE+ 4x10G fixed uplink switch, Network Advantage

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Product number	Product Description
C9200L-48PL-4X-E	Catalyst 9200 48-port partial PoE+ 4x10G fixed uplink switch, Network Essentials
C9200L-24PXG-4X-E	Catalyst 9200 24-port 8xmGig, 16x1G, 4x10G, PoE+, Network Essentials
C9200L-24PXG-4X-A	Catalyst 9200 24-port 8xmGig, 16x1G, 4x10G, PoE+, Network Advantage
C9200L-48PXG-4X-E	Catalyst 9200 48-port 12xmGig, 36x1G, 4x10G PoE+, Network Essentials
C9200L-48PXG-4X-A	Catalyst 9200 48-port 12xmGig, 36x1G, 4x10G PoE+, Network Advantage
C9200L-24PXG-2Y-E	Catalyst 9200 24-port 8xmGig, 16x1G, 2x25G, PoE+, Network Essentials
C9200L-24PXG-2Y-A	Catalyst 9200 24-port 8xmGig, 16x1G, 2x25G, PoE+, Network Advantage
C9200L-48PXG-2Y-E	Catalyst 9200 48-port 8xmGig, 40x1G, 2x25G PoE+, Network Essentials
C9200L-48PXG-2Y-A	Catalyst 9200 48-port 8xmGig, 40x1G, 2x25G PoE+, Network Advantage
C9200CX-8UXG-2X-E	Catalyst 9200CX 4-port 1G, 4-port 1/2/5/10G, 2x1/10G SFP+, UPOE, Network Essentials
C9200CX-8UXG-2X-A	Catalyst 9200CX 4-port 1G, 4-port 1/2/5/10G multigigabit, 2x1/10G SFP+, UPOE, Network Advantage
C9200CX-8UXG-2XH-E	Catalyst 9200CX 4-port 1G, 4-port 1/2/5/10G multigigabit, 2x1/10G SFP+, UPOE, HVDC/AC, Network Essentials
C9200CX-8UXG-2XH-A	Catalyst 9200CX 4-port 1G, 4-port 1/2/5/10G, 2x1/10G SFP+, UPOE, HVDC/AC, Network Advantage
C9200CX-12T-2X2G-E	Catalyst 9200CX 12-port 1G, 2x10G and 2x1G, data, Network Essentials
C9200CX-12T-2X2G-A	Catalyst 9200CX 12-port 1G, 2x10G and 2x1G, data, Network Advantage
C9200CX-12P-2X2G-E	Catalyst 9200CX 12-port 1G, 2x10G and 2x1G, PoE+, Network Essentials

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Product number	Product Description
C9200CX-12P-2X2G-A	Catalyst 9200CX 12-port 1G, 2x10G and 2x1G, PoE+, Network Advantage
C9200CX-12P-2XGH-E	Catalyst 9200CX 12-port 1G, 2x10G and 2x1G, PoE+, HVDC/AC, Network Essentials
C9200CX-12P-2XGH-A	Catalyst 9200CX 12-port 1G, 2x10G and 2x1G, PoE+, HVDC/AC, Network Advantage
C9200CX-8P-2X2G-E	Catalyst 9200CX 8-port 1G, 2x10G and 2x1G, PoE+, Network Essentials
C9200CX-8P-2X2G-A	Catalyst 9200CX 8-port 1G, 2x10G and 2x1G, PoE+, Network Advantage
C9200CX-8P-2XGH-E	Catalyst 9200CX 8-port 1G, 2x10G and 2x1G, PoE+, HVDC/AC, Network Essentials
C9200CX-8P-2XGH-A	Catalyst 9200CX 8-port 1G, 2x10G and 2x1G, PoE+, HVDC/AC, Network Advantage
Network modules	
C9200-NM-2Y	Catalyst 9200 2 x 25GE Network Module
C9200-NM-2Q	Catalyst 9200 2 x 40GE Network Module
C9200-NM-4G	Catalyst 9200 4 x 1GE Network Module
C9200-NM-4X	Catalyst 9200 4 x 10GE Network Module
C9200-NM-BLANK	Catalyst 9200 BLANK Network Module

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Table 4. Stacking cable ordering information

Product number	Product Description
C9200-STACK-KIT=	C9200 Stack Kit Spare
C9200L-STACK-KIT=	C9200L Stack Kit Spare
STACK-T4-50CM	50CM Type 3 Stacking Cable
STACK-T4-50CM=	50CM Type 3 Stacking Cable, spare
STACK-T4-1M	1M Type 3 Stacking Cable
STACK-T4-1M=	1M Type 3 Stacking Cable, spare
STACK-T4-3M	3M Type 3 Stacking Cable
STACK-T4-3M=	3M Type 3 Stacking Cable, spare

Table 5. Power supply ordering information

Product number	Product Description
PWR-C5-125WAC (=)	125W AC Config 5 Power Supply
PWR-C5-125WAC/2	125W AC Config 5 Power Supply - Secondary Power Supply
PWR-C5-600WAC (=)	600W AC Config 5 Power Supply
PWR-C5-600WAC/2	600W AC Config 5 Power Supply - Secondary Power Supply
PWR-C5-1KWAC (=)	1KW AC Config 5 Power Supply
PWR-C5-1KWAC/2	1KW AC Config 5 Power Supply - Secondary Power Supply
PWR-C6-125WAC (=)	715W DC Config 5 Power Supply
PWR-C6-125WAC/2	125W AC Config 6 Power Supply
PWR-C5-715WDC=	125W AC Config 6 Power Supply - Secondary Power Supply

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Product number	Product Description
PWR-C6-600WAC (=)	600W AC Config 6 Power Supply
PWR-C6-600WAC/2	600W AC Config 6 Power Supply - Secondary Power Supply
PWR-C6-1KWAC (=)	1KW AC Config 6 Power Supply
PWR-C6-1KWAC/2	1KW AC Config 6 Power Supply - Secondary Power Supply
PWR-C6-715WDC=	715W DC Config 6 Power Supply
PWR-C5-BLANK=	Blank Module
C9K-80W-ADPT	AC-DC slim power adapter for the C9200CX-12T-2X2G compact switch (80W)
C9K-ADPT-DC	DC-DC power adapter for the C9200CX-12T-2X2G compact switch (80W)
C9K-ADPT-BRKT-12T	Power adaptor bracket for C9200CX-12T-2X2G
C9K-CMPCT-PWR-CLP	Power clip for the C9200CX compact switches (not compatible with HVDC SKUs)

Table 6. Spare power cords

Product number	Product Description
CAB-TA-NA=	AC power cord for Cisco Catalyst (North America)
CAB-TA-AP=	AC power cord for Cisco Catalyst (Australia)
CAB-TA-AR=	AC power cord for Cisco Catalyst (Argentina)
CAB-TA-SW=	AC power cord for Cisco Catalyst (Switzerland)
CAB-TA-UK=	AC power cord for Cisco Catalyst (United Kingdom)
CAB-TA-JP=	AC power cord for Cisco Catalyst (Japan)

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Product number	Product Description
CAB-TA-250V-JP=	Japan 250VAC power cord for Cisco Catalyst (Japan)
CAB-TA-125V-JP=	Japan 125V AC Type A Power Cable (Japan – 48 port only)
CAB-TA-EU=	AC power cord for Cisco Catalyst (Europe)
CAB-TA-IT=	AC power cord for Cisco Catalyst (Italy)
CAB-TA-IN=	AC power cord for Cisco Catalyst (India)
CAB-TA-CN=	AC power cord for Cisco Catalyst (China)
CAB-TA-DN=	AC power cord for Cisco Catalyst (Denmark)
CAB-TA-IS=	AC power cord for Cisco Catalyst (Israel)
CAB-ACBZ-12A=	AC power cord for Cisco Catalyst (Brazil), 12A/125V BR-3-20 plug up to 12A
CAB-ACBZ-10A=	AC power cord for Cisco Catalyst (Brazil), 10A/250V BR-3-10 plug up to 10A
CAB-C15-CBN	Cabinet jumper power cord, 250VAC 13A, C14-C15 connectors

Table 7. Mounting accessories

Rack mounting brackets	
ACC-KIT-T1=	Accessory kit with 19 inch Type 1 rack mount
RACK-KIT-T1=	19, 23, 24 inch and ETSI Type 1 rack mount kit
4PT-KIT-T2=	4 Point rack mount kit New
REC-KIT-T1=	Recessed 1RU rack mount for 9200L and 9200 switches
C9K-MGNT-TRAY	Magnet and Mounting Tray for compact switches

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Rack mounting brackets	
C9K-CMPCT-DIN-MNT	DIN Rail Mount for compact switches
RACKMNT-19-CMPACT	19-Inch Rack Mounting Brackets for compact switches
C9K-CMPCT-CBLE-GRD	Cable guard for compact switches
C9K-WALL-TRAY	Wall mount bracket for compact switches
C9K-CMPCT-DESK-MNT	Under desk mount for compact switches
C9K-ACC-RBFT	Rubber Feet For Table Top Setup 9200 and 9300
C9K-ACC-SCR-4	12-24 and 10-32 Screws For Rack Installation, Qty 4
CAB-GUIDE-1RU	1RU Cable Management Guides 9200 and 9300

Software SKUs

Table 8. 48-Port Cisco DNA Software license ordering information

License Type	SKU	Description
Essentials	C9200-DNA-E-48	C9200 Cisco DNA Essentials, 48-port term licenses
	C9200-DNA-E-48-3Y	C9200 Cisco DNA Essentials, 48-port, 3-year term license
	C9200-DNA-E-48-5Y	C9200 Cisco DNA Essentials, 48-port, 5-year term license
	C9200-DNA-E-48-7Y	C9200 Cisco DNA Essentials, 48-port, 7-year term license
	C9200L-DNA-E-48	C9200L Cisco DNA Essentials, 48-port term licenses
	C9200L-DNA-E-48-3Y	C9200L Cisco DNA Essentials, 48-port, 3-year term license
	C9200L-DNA-E-48-5Y	C9200L Cisco DNA Essentials, 48-port, 5-year term license
	C9200L-DNA-E-48-7Y	C9200L Cisco DNA Essentials, 48-port, 7-year term license

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License Type	SKU	Description
Advantage	C9200-DNA-A-48	C9200 Cisco DNA Advantage, 48-port term licenses
	C9200-DNA-A-48-3Y	C9200 Cisco DNA Advantage, 48-port, 3-year term license
	C9200-DNA-A-48-5Y	C9200 Cisco DNA Advantage, 48-port, 5-year term license
	C9200-DNA-A-48-7Y	C9200 Cisco DNA Advantage, 48-port, 7-year term license
	C9200L-DNA-A-48	C9200L Cisco DNA Advantage, 48-port term licenses
	C9200L-DNA-A-48-3Y	C9200L Cisco DNA Advantage, 48-port, 3-year term license
	C9200L-DNA-A-48-5Y	C9200L Cisco DNA Advantage, 48-port, 5-year term license
	C9200L-DNA-A-48-7Y	C9200L Cisco DNA Advantage, 48-port, 7-year term license

Table 9. 24-Port Cisco DNA Software license ordering information

License Type	SKU	Description
Essentials	C9200-DNA-E-24	C9200 Cisco DNA Essentials, 24-port term licenses
	C9200-DNA-E-24-3Y	C9200 Cisco DNA Essentials, 24-port, 3-year term license
	C9200-DNA-E-24-5Y	C9200 Cisco DNA Essentials, 24-port, 5-year term license
	C9200-DNA-E-24-7Y	C9200 Cisco DNA Essentials, 24-port, 7-year term license
	C9200L-DNA-E-24	C9200L Cisco DNA Essentials, 24-port term licenses

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License Type	SKU	Description
	C9200L-DNA-E-24-3Y	C9200L Cisco DNA Essentials, 24-port, 3-year term license
	C9200L-DNA-E-24-5Y	C9200L Cisco DNA Essentials, 24-port, 5-year term license
	C9200L-DNA-E-24-7Y	C9200L Cisco DNA Essentials, 24-port, 7-year term license
Advantage	C9200-DNA-A-24	C9200 Cisco DNA Advantage, 24-port term licenses
	C9200-DNA-A-24-3Y	C9200 Cisco DNA Advantage, 24-port, 3-year term license
	C9200-DNA-A-24-5Y	C9200 Cisco DNA Advantage, 24-port, 5-year term license
	C9200-DNA-A-24-7Y	C9200 Cisco DNA Advantage, 24-port, 7-year term license
	C9200L-DNA-A-24	C9200L Cisco DNA Advantage, 24-port term licenses
	C9200L-DNA-A-24-3Y	C9200L Cisco DNA Advantage, 24-port, 3-year term license
	C9200L-DNA-A-24-5Y	C9200L Cisco DNA Advantage, 24-port, 5-year term license
	C9200L-DNA-A-24-7Y	C9200L Cisco DNA Advantage, 24-port, 7-year term license

Table 10. 12-Port Cisco DNA Software license ordering information

License Type	SKU	Description
Essentials	C9200CX-DNA-E-12	C9200CX Cisco DNA Essentials, 12-port term licenses
	C9200CX-DNAE12-3Y	C9200CX Cisco DNA Essentials, 12-port, 3-year term license
	C9200CX-DNAE12-5Y	C9200CX Cisco DNA Essentials, 12-port, 5-year term license
	C9200CX-DNAE12-7Y	C9200CX Cisco DNA Essentials, 12-port, 7-year term license

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License Type	SKU	Description
Advantage	C9200CX-DNA-A-12	C9200CX Cisco DNA Advantage, 12-port term licenses
	C9200CX-DNAA12-3Y	C9200CX Cisco DNA Advantage, 12-port, 3-year term license
	C9200CX-DNAA12-5Y	C9200CX Cisco DNA Advantage, 12-port, 5-year term license
	C9200CX-DNAA12-7Y	C9200CX Cisco DNA Advantage, 12-port, 7-year term license

Table 11. 8-Port Cisco DNA Software license ordering information

License Type	SKU	Description
Essentials	C9200CX-DNA-E-8	C9200CX Cisco DNA Essentials, 8-port term licenses
	C9200CX-DNAE8-3Y	C9200CX Cisco DNA Essentials, 8-port, 3-year term license
	C9200CX-DNAE8-5Y	C9200CX Cisco DNA Essentials, 8-port, 5-year term license
	C9200CX-DNAE8-7Y	C9200CX Cisco DNA Essentials, 8-port, 7-year term license
Advantage	C9200CX-DNA-A-8	C9200CX Cisco DNA Advantage, 8-port term licenses
	C9200CX-DNAA8-3Y	C9200CX Cisco DNA Advantage, 8-port, 3-year term license
	C9200CX-DNAA8-5Y	C9200CX Cisco DNA Advantage, 8-port, 5-year term license
	C9200CX-DNAA8-7Y	C9200CX Cisco DNA Advantage, 8-port, 7-year term license

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Table 12. 48-Port Cisco Catalyst Software license ordering information

License Type	SKU	Description
Essentials	C9200-DNX-E-48-3Y	C9200 Cisco Catalyst Essentials, 48-port, 3-year term license
	C9200-DNX-E-48-5Y	C9200 Cisco Catalyst Essentials, 48-port, 5-year term license
	C9200-DNX-E-48-7Y	C9200 Cisco Catalyst Essentials, 48-port, 7-year term license
	C9200L-DNX-E-48-3Y	C9200L Cisco Catalyst Essentials, 48-port, 3-year term license
	C9200L-DNX-E-48-5Y	C9200L Cisco Catalyst Essentials, 48-port, 5-year term license
	C9200L-DNX-E-48-7Y	C9200L Cisco Catalyst Essentials, 48-port, 7-year term license
Advantage	C9200- DNX-A-48-3Y	C9200 Cisco Catalyst Advantage, 48-port, 3-year term license
	C9200- DNX-A-48-5Y	C9200 Cisco Catalyst Advantage, 48-port, 5-year term license
	C9200-DNX-A-48-7Y	C9200 Cisco Catalyst Advantage, 48-port, 7-year term license
	C9200L-DNX-A-48-3Y	C9200L Cisco Catalyst Advantage, 48-port, 3-year term license
	C9200L-DNX-A-48-5Y	C9200L Cisco Catalyst Advantage, 48-port, 5-year term license
	C9200L-DNX-A-48-7Y	C9200L Cisco Catalyst Advantage, 48-port, 7-year term license

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Table 13. 24-Port Cisco Catalyst Software license ordering information

License Type	SKU	Description
Essentials	C9200-DNX-E-24-3Y	C9200 Cisco Catalyst Essentials, 24-port, 3-year term license
	C9200-DNX-E-24-5Y	C9200 Cisco Catalyst Essentials, 24-port, 5-year term license
	C9200-DNX-E-24-7Y	C9200 Cisco Catalyst Essentials, 24-port, 7-year term license
	C9200L-DNX-E-24-3Y	C9200L Cisco Catalyst Essentials, 24-port, 3-year term license
	C9200L-DNX-E-24-5Y	C9200L Cisco Catalyst Essentials, 24-port, 5-year term license
	C9200L-DNX-E-24-7Y	C9200L Cisco Catalyst Essentials, 24-port, 7-year term license
Advantage	C9200-DNX-A-24-3Y	C9200 Cisco Catalyst Advantage, 24-port, 3-year term license
	C9200-DNX-A-24-5Y	C9200 Cisco Catalyst Advantage, 24-port, 5-year term license
	C9200-DNA-A-24-7Y	C9200 Cisco Catalyst Advantage, 24-port, 7-year term license
	C9200L-DNX-A-24-3Y	C9200L Cisco Catalyst Advantage, 24-port, 3-year term license
	C9200L-DNX-A-24-5Y	C9200L Cisco Catalyst Advantage, 24-port, 5-year term license
	C9200L-DNX-A-24-7Y	C9200L Cisco Catalyst Advantage, 24-port, 7-year term license

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Table 14. 12-Port Cisco Catalyst Software license ordering information

License Type	SKU	Description
Essentials	C9200CX-DNXE-12-3Y	C9200CX Cisco Catalyst Essentials, 12-port, 3-year term license
	C9200CX-DNXE-12-5Y	C9200CX Cisco Catalyst Essentials, 12-port, 5-year term license
	C9200CX-DNXE-12-7Y	C9200CX Cisco Catalyst Essentials, 12-port, 7-year term license
Advantage	C9200CX-DNXA-12-3Y	C9200CX Cisco Catalyst Advantage, 12-port, 3-year term license
	C9200CX-DNXA-12-5Y	C9200CX Cisco Catalyst Advantage, 12-port, 5-year term license
	C9200CX-DNXA-12-7Y	C9200CX Cisco Catalyst Advantage, 12-port, 7-year term license

Table 15. 8-Port Cisco Catalyst Software license ordering information

License Type	SKU	Description
Essentials	C9200CX-DNXE-8-3Y	C9200CX Cisco Catalyst Essentials, 8-port, 3-year term license
	C9200CX-DNXE-8-5Y	C9200CX Cisco Catalyst Essentials, 8-port, 5-year term license
	C9200CX-DNXE-8-7Y	C9200CX Cisco Catalyst Essentials, 8-port, 7-year term license
Advantage	C9200CX-DNXA-8-3Y	C9200CX Cisco Catalyst Advantage, 8-port, 3-year term license
	C9200CX-DNXA-8-5Y	C9200CX Cisco Catalyst Advantage, 8-port, 5-year term license
	C9200CX-DNXA-8-7Y	C9200CX Cisco Catalyst Advantage, 8-port, 7-year term license

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Distribution Ordering Addendum

This section details the steps necessary to order Cisco Catalyst 9200 Series switches through distribution partners.

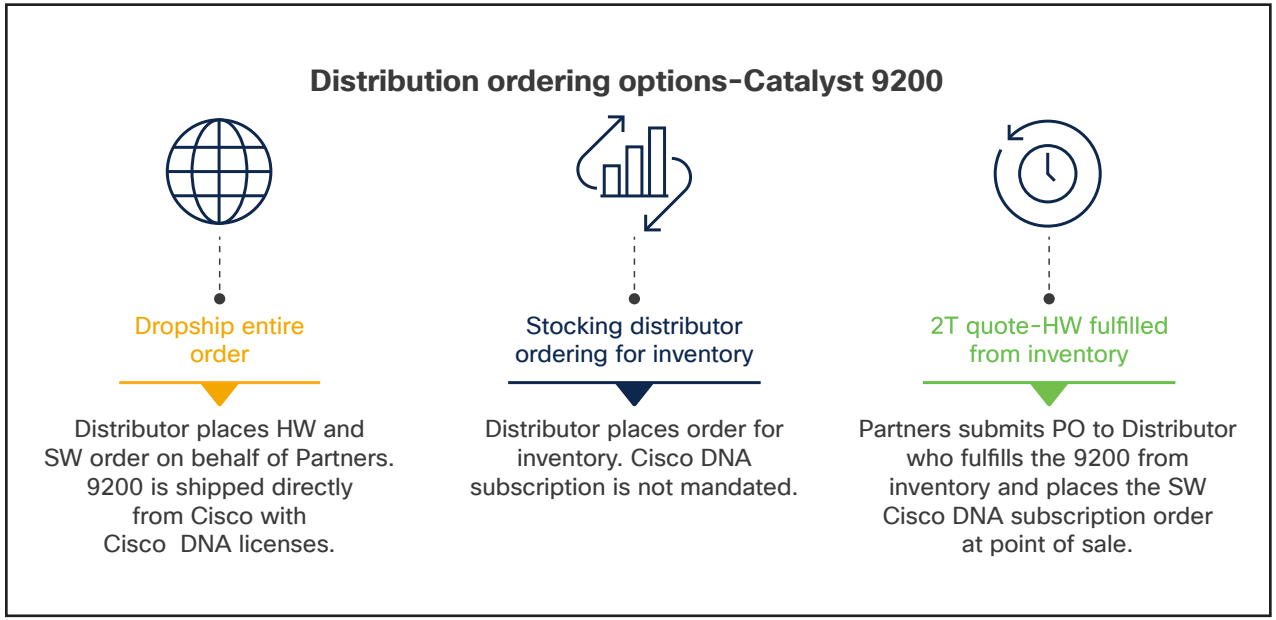

Figure 20. Distribution ordering options for Cisco Catalyst 9200

Cisco Catalyst 9200 Series switches for stocking. By selecting “Stocking” as “Intended Use”, the system will show only hardware and does not include the Cisco Catalyst Advantage or Essentials subscription (the subscription must be ordered at point of sale).

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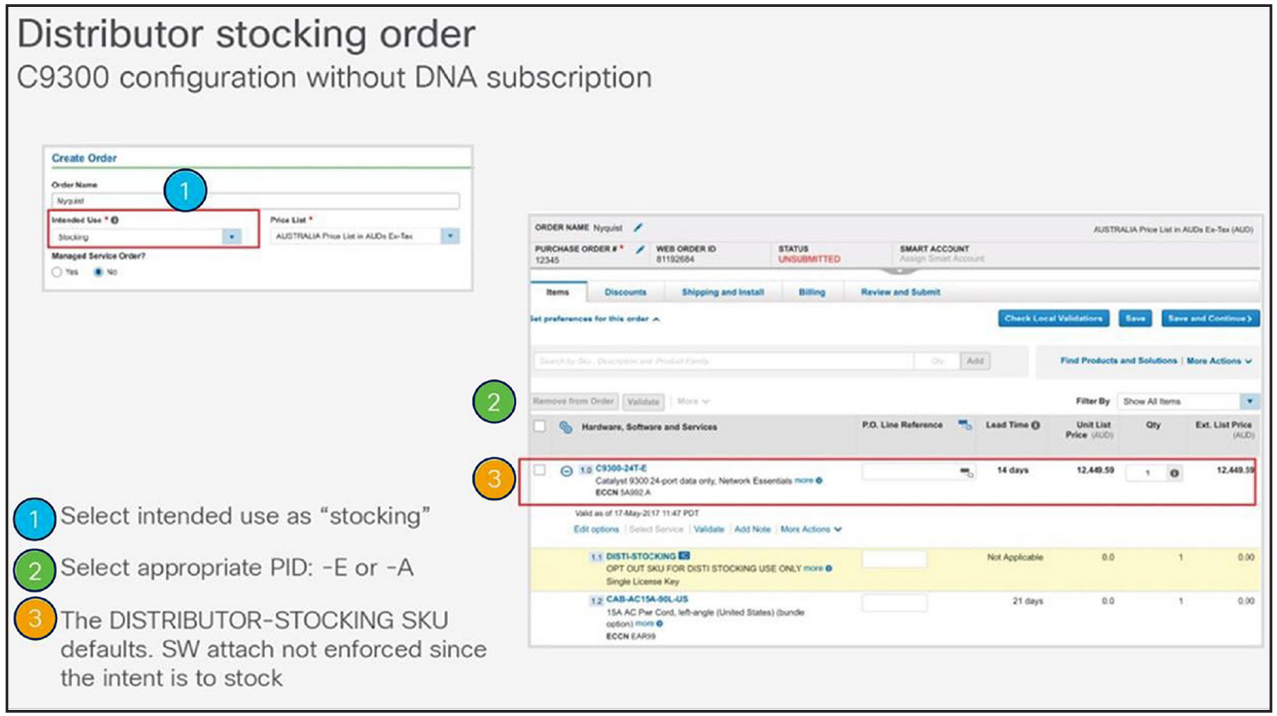

Figure 21. Distributor ordering Cisco Catalyst 9200 for Stocking

Figure 21 above shows the scenario where the distributor places a stocking order. While placing a distribution stocking order for a Catalyst 9200 Series switch, the distributor will opt out of attaching mandatory subscription software. Orders for Stocking will include Hardware + OS (Network Stack).

The Opt out feature will exclude the Cisco Catalyst Subscription software only for distribution stocking orders.

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Figure 22 shows the distributor using either the Cisco DNA Advantage or Essentials subscription options when fulfilling from inventory.

Cisco will also use this information to associate the HW SN to the mandatory attach subscription. In situations where the customer has not received their license entitlement through their Smart Account, Cisco will deposit the Mandatory Attach Smart Licensed Subscription into the End Customers Smart Account when the HW SN is registered with Cisco. This will ensure that the customer is accurately entitled to their purchased subscription and avoid any disruption in functionality of the switch.

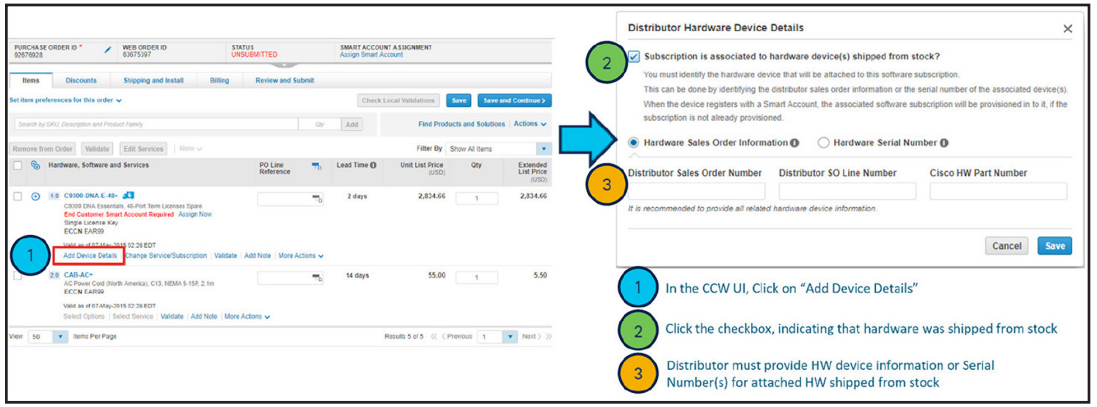
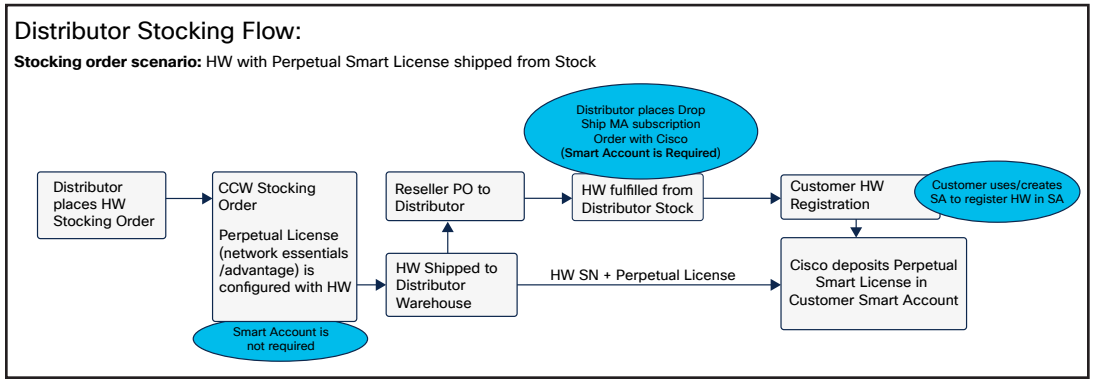


Figure 22. Fulfilled from inventory

Cisco Catalyst 9200 Series switches for stocking



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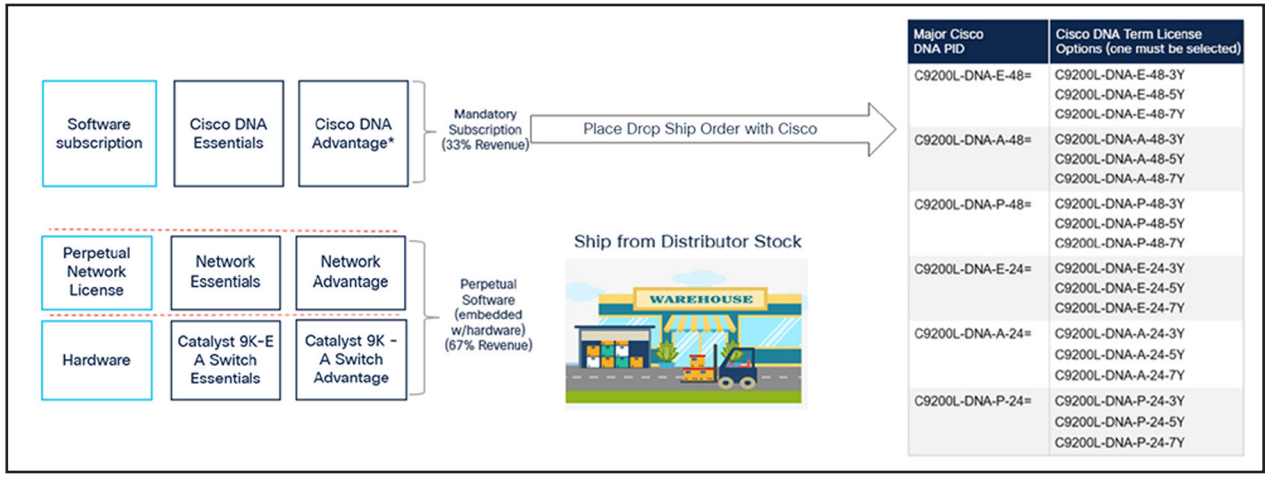
By selecting “Stocking” as “Intended Use”, the system will show only hardware and does not include the Cisco Catalyst Advantage or Essentials subscription (the subscription must be ordered at point of sale).



Major Cisco DNA PID	Cisco DNA Term License Options (one must be selected)
C9200L-DNA-E-48=	C9200L-DNA-E-48-3Y C9200L-DNA-E-48-5Y C9200L-DNA-E-48-7Y
C9200L-DNA-A-48=	C9200L-DNA-A-48-3Y C9200L-DNA-A-48-5Y C9200L-DNA-A-48-7Y
C9200L-DNA-P-48=	C9200L-DNA-P-48-3Y C9200L-DNA-P-48-5Y C9200L-DNA-P-48-7Y
C9200L-DNA-E-24=	C9200L-DNA-E-24-3Y C9200L-DNA-E-24-5Y C9200L-DNA-E-24-7Y
C9200L-DNA-A-24=	C9200L-DNA-A-24-3Y C9200L-DNA-A-24-5Y C9200L-DNA-A-24-7Y
C9200L-DNA-P-24=	C9200L-DNA-P-24-3Y C9200L-DNA-P-24-5Y C9200L-DNA-P-24-7Y

When fulfilling a Catalyst 9200 Series switch from inventory the distributor is required to attach Cisco Catalyst subscription Software for each Hardware unit sold. In this scenario, the distributor will place a dropship Cisco Catalyst software subscription order with Cisco using CCW leveraging the equivalent spare SKUs shown below.

When ordering a Catalyst 9200 Series switch from Cisco, CCW will enforce the mandatory attach of the Cisco Catalyst Subscription Software to every Catalyst 9200 Series switch estimate, quote and order except stocking orders.

When submitting a drop ship subscription order associated to hardware shipped from stock, the distributor must submit the following information directly in CCW UI (or via B2B).

1. Distributor Hardware Sales Order Number (as submitted in hardware POS line)
2. Distributor Hardware Sales Order Line Number (as submitted in hardware POS line)
3. Cisco Hardware Part Number

<OR> Hardware Serial Number(s)

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Catalyst 9200: Mandatory attach exceptions and approvals

Table 16 shows the distributor drop-shipping the entire order from Cisco to the end customer using Cisco DNA Advantage or Essential.

Table 16. Cisco Catalyst 9200 Series switch mandatory exceptions

Exception type	Exception Reason	Description	Additional Info needed for verification	Validation	Actors
Software Exception (Reseller ordering standalone SW subscription)	Standalone Subscription (Renewals) Buying additional Cisco DNA Center Entitlements (Software Upgrade)	The Subscription is not attached to any Hardware The subscription is ordered in addition to an existing device associated with a mandatory attach subscription	MA flag should not be set to 'Yes' on order MA flag should not be set to 'Yes' on order	No approval/ validation required No approval/ validation required	
Hardware Exception (Reseller ordering HW without MA subscription)	Enterprise Agreement	The HW is exempted from Mandatory Attach, as part of the Enterprise Agreement with the End Customer (EC)	1. For approval EA #. Customer Name. Customer Smart Account# 2. For HW POS lookup (Disti SO #	POM requests for the EA # from Distributor (who in turns receives it from Reseller), and works with the Cisco EA team to validate the EA with the EC and the license being part of the EA	POM/ Distributor

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Exception type	Exception Reason	Description	Additional Info needed for verification	Validation	Actors
	Cisco One Portability	The HW is ordered by itself as an upgrade, and the customer is porting over their existing Cisco One License	1. For approval Existing Cisco One License details, SN# of Existing Device, Customer Name 2. For HW POS lookup (Disti SO #, Disti SO Line #, Cisco Part #) OR SN #	POM Governance Team requests for the old HW SN from the Distributor, to look up in the licensing tool by plugging in the SN, and confirm that they have attached SW license	POM/ Distributor
	DOA (Dead on Arrival)	The HW is ordered by itself as a replacement for a previous HW which was Dead on Arrival	1. For approval Customer service # and RMA # (optional) 2. For HW POS lookup (Disti SO #, Disti SO Line #, Cisco Part #) OR SN #	In case of DOA, there will be a CS case # Governance team requests the CS case # from Distributor, and looks up the case to confirm the DOA	POM/ Distributor

Any mandatory attach subscription orders missing this information will be considered non-compliant and Cisco will take necessary action to ensure compliance.

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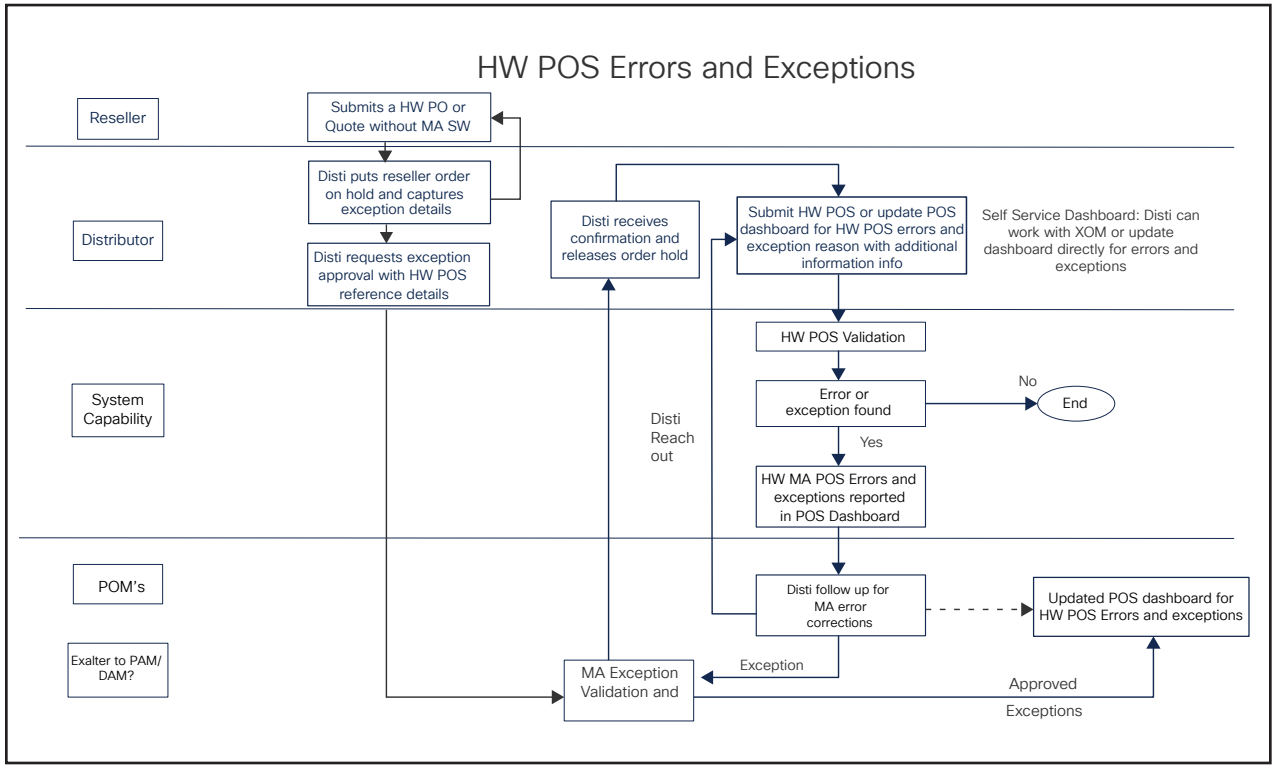

Figure 23. Catalyst 9200 Series switch hardware point of sale approval flow

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Catalyst 9200 Series

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Cisco Catalyst 9200 Series Switches data sheet

Cisco Catalyst 9000 AAG

Cisco Catalyst 9000 switching FAQ

Smart Accounts: All you need to know

- Operations exchange: Partner and distributor software training: A comprehensive list of external software training resources and detailed training modules for ordering and license management
- Smart Account leading practices for customers: A leading practices guide that can help customers decide how to structure their Smart Accounts, including 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
- Cisco Smart Accounts on Cisco.com: The primary Cisco.com site for Smart Accounts
- AMER SW training schedule: List of live software training sessions currently offered
- Training reservation form: Form to request a live software training session

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