

# Cisco Catalyst 9200 Series Switches

## **Common terminology**

Network Stack: NW

Digital Network Architecture: DNA

• DNA Essentials: -E

DNA Advantage: -A

DNA Advantage: -P

Smart Account: SA

## Smart license: SLPurpose 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 are ordered through Cisco Commerce Workspace with a 3, 5 or 7 year term-based Cisco DNA Premier, Advantage and Essentials subscriptions. This includes term-based embedded support. All options include switch hardware coupled with Cisco IOS® XE and the related perpetual Network Advantage or Essentials network stack software. In addition to the hardware and network stack software, the offer requires the addition of the term-based Cisco DNA subscription software. Figure 1 gives an overview of available Cisco DNA Premier, Advantage and Essentials subscription options, and what is included in each software package.

## Things to know

Before placing an order, please review the following:

- Cisco® Catalyst® 9200 Series switches offer structure has three main components: the switch hardware, a Network stack perpetual license, and a Cisco Digital Network Architecture (Cisco DNA™) term license.
- Cisco DNA term licenses and Network Stack perpetual licenses are smart product IDs (SKUs). Both licenses are required with a hardware purchase.
- Smart Accounts mandated during purchase (for more information, please see Smart Accounts section).
- Available services included:
- Solution support
- Enhanced Limited Lifetime Warranty (E-LLW)
- Smart Net Total Care™ support
- Embedded support for Cisco DNA term license

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Figure 1. Catalyst 9200 Series Switch Offer Overview

EN Software Subscription	Network Essentials <sup>e</sup>	Network Advantage <sup>a</sup>	DNA Essentials	DNA Advantage (Includes DNA Essentials)	Cisco DNA Premier (Includes DNA Advantage)
Audience	Entry level with full switching	Entry level with full routing & switching	Entry level to smaller/midsize	Small and midsize ready to upgrade from DNA Essentials.	Small and midsize ready to upgrade from DNA Essentials or DNA Advantage
License/Subscriptions	Perpetual Licenses	Perpetual License	3, 5, 7 year subscri	ptions, license portability and	software support included
		FEATURES			
Essential Switch Capabilities		FEATURES		,	
		,		,	,
Programmability, Netconf/Restconf/gRPC/YANG	<u> </u>	,		,	
	<u>⊗</u> .	,			
Advanced Telemetry and Flexibility (EEM), SPAN, RSPAN	<u>∞</u> ·	,		,	· · · · · ·
		,		,	, , , , , , , , , , , , , , , , , , ,
Full routing functionality		,			
Flexible Network Segmentation		,		,	, , , , , , , , , , , , , , , , , , ,
High availability & Resiliency (Patching)		,		,	-
Optimize Bandwidth Utilization (Multicast)		,		,	
Licensing Portability				,	
Full Flexible Netflow					· .
IVP6 Tunnel Capabilities					
Easy QoS Monitoring					
Software Support				,	, , , , , , , , , , , , , , , , , , ,
3/5/7 year subscription	<b>⊗</b>				
LAN Automation	8				
Embeded Event Manager	<u> </u>				,
Base Assurance (Includes Health Dashboard)	<u> </u>			,	, , , , , , , , , , , , , , , , , , ,
Basic Switch and Wired Client Health Monitoring	<u> </u>				
Software Image Management	8				
PnP Application	<u> </u>				
SD-Access and Switch Insights	<u> </u>				
Patch Lifecycle Management	60			· · · · · · · · · · · · · · · · · · ·	
Flexible Network Segmentation	<b>®</b>			,	
Full Layer 3, Network segmentation, Multicast optimization	(R)			,	,
Global Insights, Trends, Complience and Custom Analytics Reports	8				<b>~</b>
Switch 360 and Wired Client 360	<b>⊗</b>			<b>y</b>	~
Enhanced Assurance (Health Dashboard)	<b>⊗</b>				-
Fabric Enabled Wireless	<b>⊗</b>			~	~
Encrypted Traffic Analytics+	<b>⊗</b>			<b>V</b>	~
DNA Services for Bonjour*+	<b>®</b>			-	V
ERSPAN and AVC+	8			~	~
Third Party App Hosting+	<b>66</b>			~	V
Extended Node+	06			V	<b>~</b>
Fabric in a Box+				,	~
AVB 1588*+				<i>y</i>	<i>y</i>
AVC (NBAR2)+				· ·	V
ETA/MUD+				~	~
Stealthwatch					~
ISE Base					-
Wireshark					



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## How to Order a Cisco Catalyst 9200 Series switch

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

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

- 1. Select the appropriate Catalyst 9200 Series switch SKU with "-E" or "-A" device for the desired license type.
- 2. Choose the preferred consumption model Cisco DNA Premier, 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, etc.).

## 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 (it will not be visible in the selection menu) per the respective hardware SKU suffix (example: C9200L-48P-E/C9200L-48P-A).



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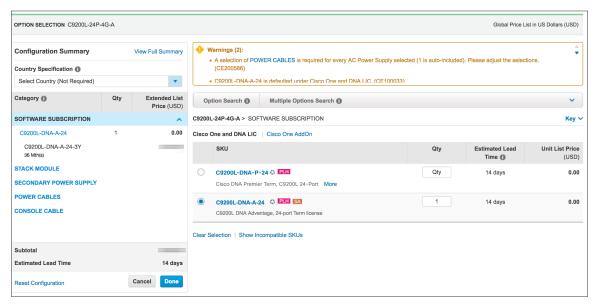
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A Cisco DNA Premier license option is available for selection and is the default. Customers are encouraged to purchase the Cisco DNA Premier option to enable advanced Cisco DNA solutions:



**Note:** Follow steps below to change from 5 year default term to a 3 or 7 year term for Cisco DNA Premier License

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

**For the Cisco DNA Premier license option,** Catalyst 9200 Series 48 port switch models come defaulted with additional 25 end points in addition to typical 25 endpoints or flow. See the next to snapshots to select the desired number of endpoints.

For DNA Advantage and Essentials options, the term-based Cisco DNA license is preselected by default to the 5 year term, but can be changed to 3 or 7 year term. The Cisco DNA term license is mandatory (customers must select one of the term options to complete the configuration) and aligns with the hardware SKU suffix (-E or -A):



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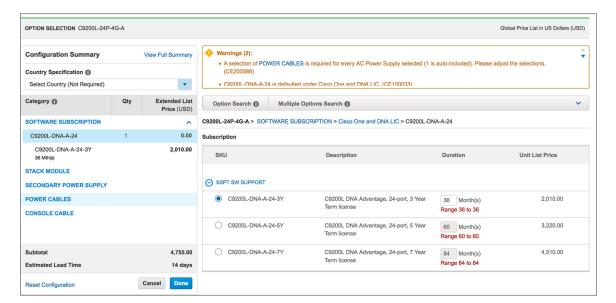
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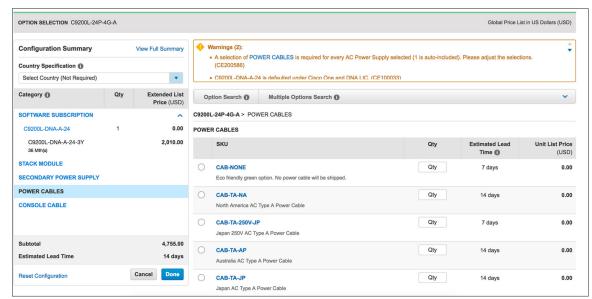
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A power cable must be selected to complete the configuration:



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

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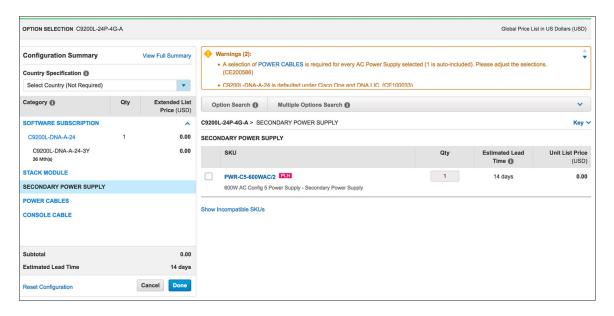
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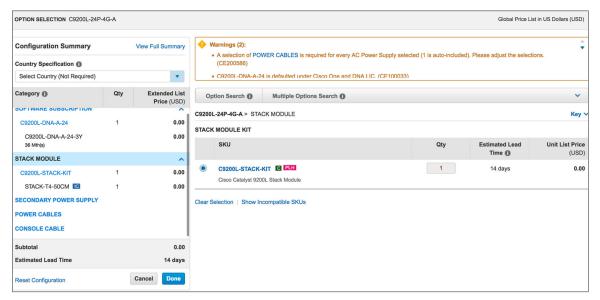
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A stacking module is available for selection. Each stack kit contains two stack adaptors and one stacking cable:





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Console cables are also available as shown below:

## 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
- Mounting brackets

## 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 Offer (Term Based)
-Е	Network Essentials	Cisco DNA Essentials (3, 5, or 7 years)
-A	Network Advantage	Cisco DNA 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 <u>Smart Account</u> 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 <a href="https://www.cisco.com/c/en/us/buy/smart-accounts.html">https://www.cisco.com/c/en/us/buy/smart-accounts.html</a>

## **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 <a href="https://www.cisco.com/c/en/us/buy/smart-accounts/software-manager.html">https://www.cisco.com/c/en/us/buy/smart-accounts/software-manager.html</a>.

## 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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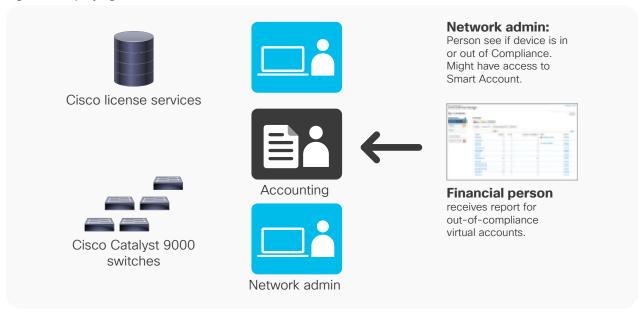
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## Deploying Smart Licenses for Cisco Catalyst 9200 Series Switches

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 2.)

Figure 2. Deploying Smart Licenses



In the deployment model shown in Figure 2, 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 Cisco DNA Premier, Advantage and Essentials software licenses. Additional product-level hardware support options are available: Smart Net Total Care support, partner service support, embedded support, and Enhanced Limited Lifetime hardware Warranty (E-LLW). Please note that if Solution Support is not selected, Cisco DNA Premier, Advantage and Essentials software licenses can still be covered by selecting the embedded support option.

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.

Figures 4 through 9 describe the various service options for Cisco Catalyst 9200 Series Switches.

Figure 3. Services Support for Cisco Catalyst 9200 Series switches



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Figure 4. Solution Support



#### **Solution support**

Centralized support across ecosystem hardware and software



#### **Smart Net Total Cares**

Device-level support



#### **Partner Support Service**

Partner-branded hardware support



#### **Embedded support**

Included with software subscriptions

12016 Cisco internal study

## Recommended technical service for Cisco DNA solution ecosystems

- Primary point of contact
- Solution expertise
- Coordinates product support teams
- Accountable for case resolution
- One service for solution-level, hardware and software support
- Resolves issues on average 43 percent more quickly than product support alone<sup>1</sup>

Figure 5. Smart Net Total Care Support



#### **Solution support**

Centralized support across ecosystem hardware and software



#### **Smart Net Total Care**

Device-level support



#### **Partner Support Service**

Partner-branded hardware support



#### **Embedded support**

Included with software subscriptions

## Hardware-only coverage with smart capabilities

- Technical Assistance Center (TAC)
- Advance hardware replacement
- Online technical resources
- Software updates
- Streamlined incident management
- Risk mitigation with 24x7x365 support
- Increased operational efficiency
- Rapid problem resolution



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Figure 6. Partner Support Service



#### **Solution support**

Centralized support across ecosystem hardware and software



#### **Smart Net Total Care**

Device-level support



## **Partner Support Service**

Partner-branded hardware support



#### **Embedded support**

Included with software subscriptions

## Hardware-only coverage by global partners backed by Cisco

- Advanced hardware replacement
- Partner access Cisco Technical Assistance Center (TAC), online resources and software updates
- Insights on managed network, including network device details, contract visibility, security and product alerts, device diagnostics and assessments

Figure 7. Embedded Support



#### **Solution support**

Centralized support across ecosystem hardware and software



#### **Smart Net Total Care**

Device-level support



#### **Partner Support Service**

Partner-branded hardware support



#### Included with Cisco DNA Essentials/ Advantage or Cisco ONE

- 24x7x365 TAC support
- Maintenance, minor updates and major upgrades
- Online technical resources
- License portability and new software capabilities when purchased with Cisco ONE software suites

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Figure 8. Technical Service Features Comparison

Service features	Enhanced Limited Lifetime Warranty	Cisco Smart Net Total Care	Partner Support Service	Cisco Solution Support
Warranty: 90 days of Cisco TAC support; local business hours, 8x5	•			
Warranty: hardware replacement (next business day where available)	•			
Warranty: Duration is lifespan of hardware product	•			
Global 24x7 product-level technical support		•		•
24-hour access to Cisco® online resources		•		•
Hardware replacement (2- and 4-hour, next business day)		•		•
Network management/operating system software updates and upgrades		•		•
Proactive diagnostics/immediate alerts on devices through Cisco Smart Call Home		•		•
Web-based user community for self-service support of smart capabilities		•		•
Partner first line of response; Cisco second			•	
Distributor first line of response; Cisco second			•	
Primary point of contact with solution-level expertise				•
Accountability for issue resolution, no matter where it resides				•
Coordination between Cisco TAC and solution partner product support teams				•
Case management from first call to resolution				•
Differentiated delivery experience				•
JumpStart/Onboarding				•

## 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.

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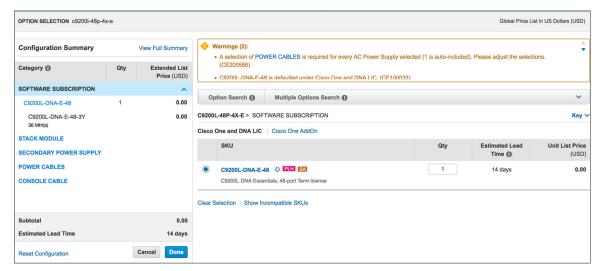
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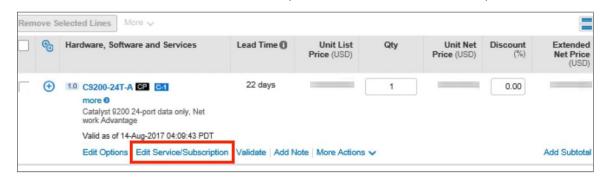
# How to order Cisco Catalyst 9200 Series switches services with DNA Advantage and Essentials licenses

Solution Support is the default service. Customers can attach desired services by following the steps outlined below – this scenario showcases if a customer wants to attach a different service than Solution Support:

1. Customer will configure the product. Then click "Done".



2. Customer will select "Edit Service/Subscription" to view and edit service options.



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3. Customer will select "Edit Services" to change services if needed.

Hardware, Software and Services	Unit List Price	Quantity	Line Total
C9200-24T-A Catalyst 9200 24-port data only, Network Advantage		1	
CON-SSSNT-C92002TA SOLN SUPP 8X5XNBD Catalyst 9200 24-port data only, Network Duration: 12 Month(s)	_	1	
Edit Services Remove			
CAB-TA-NA North America AC Type A Power Cable		2	
PWR-C1-350WAC 350W AC Config 1 Power Supply		1	
S9200UK9-165 CAT9200 Universal Image		1	
C9200-NW-A-24 C9200 Network Advantage, 24-port license		1	
PWR-C1-350WAC/2 350W AC Config 1 SecondaryPower Supply		1	
CS200-NM-4X Catalyst 9200 4 x 10GE Network Module		1	
STACK-T1-50CM 50CM Type 1 Stacking Cable		1	
CAB-SPWR-30CM Catalyst Stack Power Cable 30 CM		1	
C9200-DNA-A-24 C9200 DNA Advantage, 24-port Term Licenses		1	
C9200-DNA-A-24-5Y ⊜ C9200 DNA Advantage, 24-Port, 5 Year Term License Duration: 60 Month(s)		1	
Edit Subscriptions			

Things to know

**Common terminology** 

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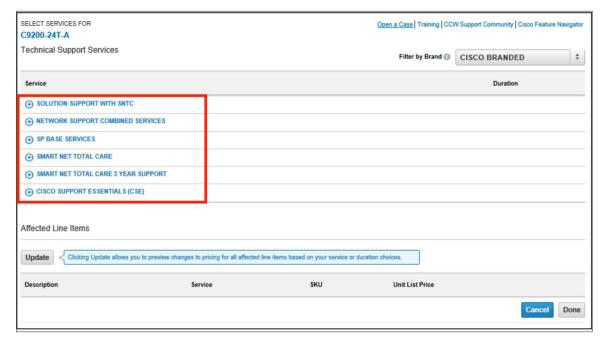
**Cisco DNA Premier ordering information** 

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4. The customer can then choose from a variety of different service options. Click "Done" when finished.



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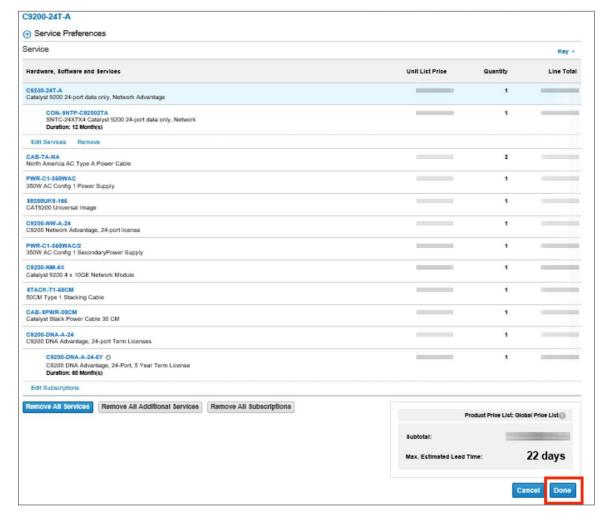
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5. Any changes will be reflected on the following screen. Customer will click "Done" when finished.





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## **Ordering Information**

Tables 2 through 6 provide ordering information for switches, network modules, stacking cables, Cisco DNA 24 port licenses, and Cisco DNA 48-port licenses, respectively.

Table 2. Switch Ordering Information

Product Number	Product Description
C9200L-24T-4G-A	Catalyst 9200L 24-port Data 4x1G uplink Switch, Network Advantage
C9200L-24T-4G-E	Catalyst 9200L 24-port Data 4x1G uplink Switch, Network Essentials
C9200L-24P-4G-A	Catalyst 9200L 24-port PoE+ 4x1G uplink Switch, Network Advantage
C9200L-24P-4G-E	Catalyst 9200L 24-port PoE+ 4x1G uplink Switch, Network Essentials
C9200L-48T-4G-A	Catalyst 9200L 48-port Data 4x1G uplink Switch, Network Advantage
C9200L-48T-4G-E	Catalyst 9200L 48-port Data 4x1G uplink Switch, Network Essentials
C9200L-48P-4G-A	Catalyst 9200L48-port PoE+ 4x1G uplink Switch, Network Advantage
C9200L-48P-4G-E	Catalyst 9200L48-port PoE+ 4x1G uplink Switch, Network Essentials
C9200L-24T-4X-A	Catalyst 9200L 24-port Data 4x10G uplink Switch, Network Advantage
C9200L-24T-4X-E	Catalyst 9200L 24-port Data 4x10G uplink Switch, Network Essentials
C9200L-24P-4X-A	Catalyst 9200L 24-port PoE+ 4x10G uplink Switch, Network Advantage
C9200L-24P-4X-E	Catalyst 9200L 24-port PoE+ 4x10G uplink Switch, Network Essentials
C9200L-48T-4X-A	Catalyst 9200L 48-port Data 4x10G uplink Switch, Network Advantage
C9200L-48T-4X-E	Catalyst 9200L 48-port Data 4x10G uplink Switch, Network Essentials
C9200L-48P-4X-A	Catalyst 9200L 48-port PoE+ 4x10G uplink Switch, Network Advantage
C9200L-48P-4X-E	Catalyst 9200L 48-port PoE+ 4x10G uplink Switch, Network Essentials



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Table 3. Stacking Cable Ordering Information

Product Number	Product Description
C9200L-STACK-KIT=	C9200L Stack Kit Spare
STACK-T1-50CM	50CM Type 3 Stacking Cable
STACK-T1-50CM=	50CM Type 3 Stacking Cable, spare
STACK-T1-1M	1M Type 3 Stacking Cable
STACK-T1-1M=	1M Type 3 Stacking Cable, spare
STACK-T1-3M	3M Type 3 Stacking Cable
STACK-T1-3M=	3M Type 3 Stacking Cable, spare

## Software SKUs

Table 4. Cisco DNA 24-Port License Ordering Information

License Type	SKU	Description
Essentials	C9200L-DNA-E-24	C9200L Cisco DNA Essentials, 24-port term licenses
	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	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



Things to know

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Table 5. Cisco DNA 48-Port License Ordering Information

License Type	SKU	Description
Essentials	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
Advantage	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

## Cisco DNA Premier subscription for Cisco Catalyst 9200 Series switches

Cisco DNA Premier licensing for Cisco Catalyst 9200 Series switches which includes ISE Base and ISE Plus, Stealthwatch® Software, and a Cisco DNA Advantage term license. The DNA Premier license includes comprehensive software support in a single purchase. Design, provision, and assure services with full network visibility while quickly accessing updates and the latest innovation. Enjoy lower cost of entry and flexible terms.

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## Cisco DNA Premier ordering information

Tables below provide Cisco DNA Premier ordering information.

Table 6. Cisco DNA Premier 24-Port Option Ordering Information

Product Number	Product Description
C9200L-DNA-P-24	C9200L DNA Premier Term, 24-Port: Includes Term Licenses for DNA Advantage, 25 ISE Base and 25 ISE Plus Endpoints, 25 Stealthwatch Flows (including Virtual Flow Collector and Management Console). Requires separate purchase of ISE appliance/ ISE VM and DNA Center appliance
C9200L-DNA-P-24-3Y	C9200L DNA Premier, 24-port, 3Y Term - DNA, 25 ISE PLS and ISE BASE, 25 SWATCH
C9200L-DNA-P-24-5Y	C9200L DNA Premier, 24-port, 5Y Term - DNA, 25 ISE PLS and ISE BASE, 25 SWATCH
C9200L-DNA-P-24-7Y	C9200L DNA Premier, 24-port, 7Y Term - DNA, 25 ISE PLS and ISE BASE, 25 SWATCH

Table 7. Cisco ONE DNA Premier 48-Port Option Ordering Information

<b>Product Number</b>	Product Description
C9200L-DNA-A-48	C9200L DNA Premier Term, 48-Port: Includes Term Licenses for DNA Advantage, 25 ISE Base and 25 ISE Plus Endpoints, 25 Stealthwatch Flows (including Virtual Flow Collector and Management Console). Requires separate purchase of ISE appliance/ ISE VM and DNA Center appliance
C9200L-DNA-A-48-3Y	C9200L DNA Premier, 48-port, 3Y Term - DNA, 25 ISE PLS and ISE BASE, 25 SWATCH
C9200L-DNA-A-48-5Y	C9200L DNA Premier, 48-port, 5Y Term - DNA, 25 ISE PLS and ISE BASE, 25 SWATCH
C9200L-DNA-A-48-7Y	C9200L DNA Premier, 48-port, 7Y Term - DNA, 25 ISE PLS and ISE BASE, 25 SWATCH



Things to know

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# Catalyst 9200 Series switches hardware to DNA License Mapping

Table 8. Catalyst 9200 Series switch hardware SKUs to DNA Premier, Advantage and Essentials License Mapping

C9200 Switch		Major DNA PID	DNA Term License Options (one must be selected)		
C9200L 48 port DNA Essentials					
C9200L-48T-4G-E	DNA Essentials	C9200L-DNA-E-48	C9200L-DNA-E-48-3Y		
C9200L-48P-4G-E			C9200L-DNA-E-48-5Y		
C9200L-48T-4X-E			C9200L-DNA-E-48-7Y		
C9200L-48P-4X-E			C9200L-DNA-E-48-3Y=		
			C9200L-DNA-E-48-5Y=		
			C9200L-DNA-E-48-7Y=		
C9200L 48 port DNA	Advantage and DN	NA Premier			
C9200L-48T-4G-A	DNA Advantage	C9200L-DNA-A-48	C9200L-DNA-A-48-3Y		
C9200L-48P-4G-A			C9200L-DNA-A-48-5Y		
C9200L-48T-4X-A			C9200L-DNA-A-48-7Y		
C9200L-48P-4X-A			C9200L-DNA-A-48-3Y=		
			C9200L-DNA-A-48-5Y=		
			C9200L-DNA-A-48-7Y=		
	DNA Premier	C9200L-DNA-P-48	C9200L-DNA-P-48-3Y		
			C9200L-DNA-P-48-5Y		
			C9200L-DNA-P-48-7Y		
			C9200L-DNA-P-48-3Y=		
			C9200L-DNA-P-48-5Y=		
			C9200L-DNA-P-48-7Y=		



Things to know

**Common terminology** 

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C9200 Switch		Major DNA PID	DNA Term License Options (one must be selected)
C9200L 24 port DNA	Facantials		
		000001 DNA 5 04	COCCCL DNA F OA OV
C9200L-24T-4G-E	DNA Essentials	C9200L-DNA-E-24	C9200L-DNA-E-24-3Y
C9200L-24P-4G-E			C9200L-DNA-E-24-5Y
C9200L-24T-4X-E			C9200L-DNA-E-24-7Y
C9200L-24P-4X-E			C9200L-DNA-E-24-3Y=
			C9200L-DNA-E-24-5Y=
			C9200L-DNA-E-24-7Y=
C9200L 24 port DNA	Advantage and DI	NA Premier	
C9200L-24T-4G-A	DNA Advantage	C9200L-DNA-A-24	C9200L-DNA-A-24-3Y
C9200L-24P-4G-A			C9200L-DNA-A-24-5Y
C9200L-24T-4X-A			C9200L-DNA-A-24-7Y
C9200L-24P-4X-A			C9200L-DNA-A-24-3Y=
			C9200L-DNA-A-24-5Y=
			C9200L-DNA-A-24-7Y=
	DNA Premier	C9200L-DNA-P-24	C9200L-DNA-P-24-3Y
			C9200L-DNA-P-24-5Y
			C9200L-DNA-P-24-7Y
			C9200L-DNA-P-24-3Y=
			C9200L-DNA-P-24-5Y=
			C9200L-DNA-P-24-7Y=



Things to know

**Common terminology** 

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## Distribution Ordering Addendum

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

Figure 9. 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 DNA Premier, Advantage or Essentials subscription (the subscription must be ordered at point of sale).



Things to know

**Common terminology** 

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Figure 10. Distributor Drop Shipping the Entire Order

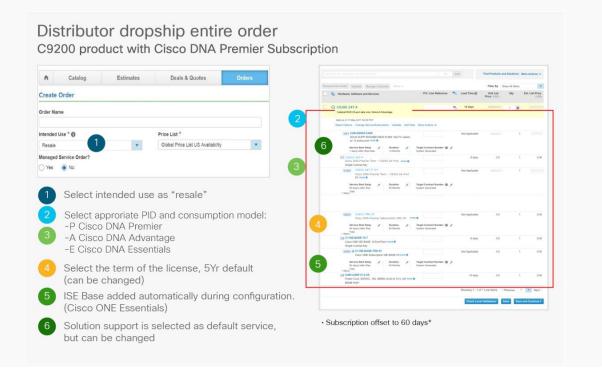


Figure 10 above shows the scenario where the distributor will dropship the entire order from Cisco to the end customer. The intended-use drop-down menu is set to Resale, which allows the default options for hardware support and software to become available. The system defaults will be DNA and Solution Support. Hardware support can be changed to premium Solution Support or SNTC, or it can be removed completely.



Things to know

**Common terminology** 

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Figure 11. Distributor Ordering Cisco Catalyst 9200 for Stocking

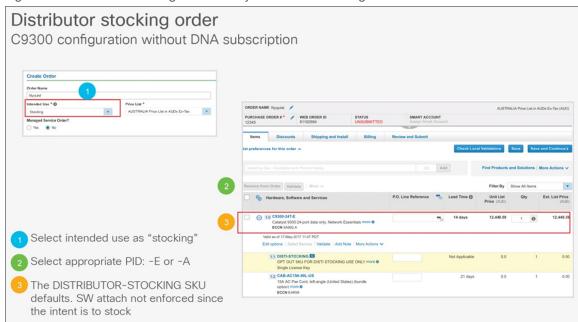


Figure 11 above shows the scenario where the distributor places a stocking order. While placing a distribution stocking order for a Catalyst 9200 Series switch, the distributor will opt out of attaching mandatory subscription software. Orders for Stocking will include Hardware + OS (Network Stack). The Opt out feature will exclude the DNA Subscription software only for distribution stocking orders.



Things to know

**Common terminology** 

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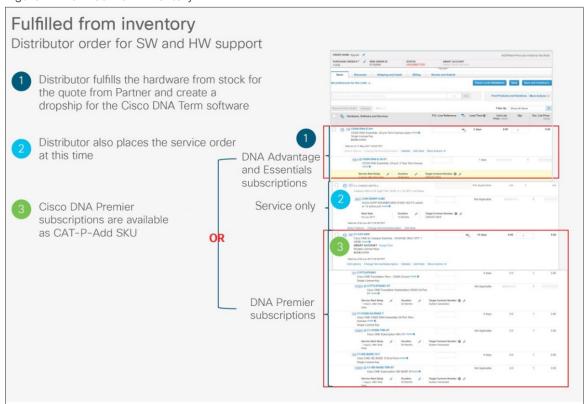
Catalyst 9200 Series switches hardware to DNA License Mapping

**Distribution Ordering Addendum** 

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Figure 12 shows the distributor using either the Cisco DNA Premier, DNA Advantage or Essentials subscription options when fulfilling from inventory.

Figure 12. Fulfilled 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.



Things to know

**Common terminology** 

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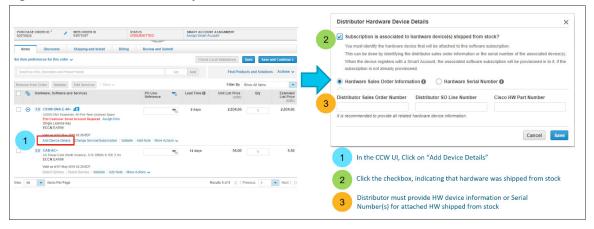
Catalyst 9200 Series switches hardware to DNA License Mapping

**Distribution Ordering Addendum** 

**Important Links** 

Figure 13 shows the partner quote request to the distributor. The distributor can choose to fulfill the entire order by drop-shipping or fulfill the hardware from stock and create a dropship order for Cisco DNA Premier, Advantage or Essentials licensed software.

Figure 13. Fulfilled from Inventory





Things to know

**Common terminology** 

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**Important Links** 

Figure 14 shows the SKUs that the distributor has to use when ordering software as a dropship in Cisco DNA Premier, Advantage and Essentials scenarios.

Figure 14. SKU Details for Distributor Ordering Software as Dropship

	Cisco DNA Essentials			1	Disti fulfills the hardware from stock for the quote	
Product type	Reseller quote	Disti stock	Disti dropship		from partner and creates a dropship for the DNA Ter	
Switch	C9200-24T-E	C9200-24T-E			software. When placing the	
DNA Essentials	C9200-DNA-E-24		C9200-DNA-E-24=		order for DNA Term SW, the Disti will use C9200-DNA-E-24 =	
				C9200-DNA-E-24 =		
		A Premier		2	Disti fulfills the hardware from stock for the quote from partner and creates	
Product type	and Ad	A Premier Ivantage	Disti dropship	2	Disti fulfills the hardware from stock for the quote from partner and creates dropship for the DNA Term	
Product type Switch		lvantage	Disti dropship	2	Disti fulfills the hardware from stock for the quote	



Things to know

**Common terminology** 

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How to order Cisco Catalyst 9200 Series switches services with DNA Advantage and Essentials licenses

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Cisco DNA Premier subscription for Cisco Catalyst 9200 Series switches

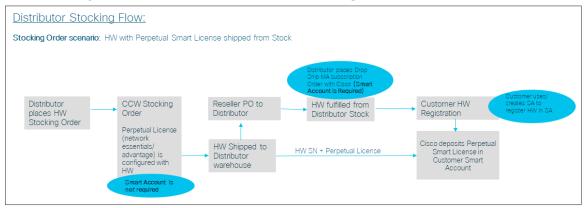
**Cisco DNA Premier ordering information** 

Catalyst 9200 Series switches hardware to DNA License Mapping

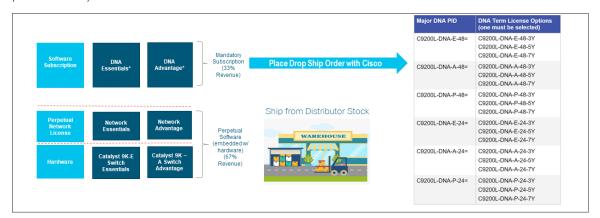
**Distribution Ordering Addendum** 

**Important Links** 

#### 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 DNA Premier, Advantage or Essentials subscription (the subscription must be ordered at point of sale).



When fulfilling a Catalyst 9200 Series switch from inventory the distributor is required to attach DNA subscription Software for each Hardware unit sold. In this scenario, the distributor will place a dropship DNA 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 DNA Subscription Software to every Catalyst 9200 Series switch estimate, quote and order except stocking orders.



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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)

## 9200: Mandatory Attach Exceptions and Approvals

Exception type	Exception Reason	Description	Additional Info needed for verification	Validation	Actors
Software Exception(Resell er ordering standalone SW subscription)	Standalone Subscription (Renewals)	The Subscription is not attached to any Hardware	MA flag should <b>not</b> be set to 'Yes' on order	No approval/validation required	
	Buying additional DNAC Entitlements (Software Upgrade)	The subscription is ordered in addition to an existing device associated with a mandatory attach subscription.	MA flag should <b>not</b> be set to "Yes" on order	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)	For approval: EA #, Customer Name, Customer Smart Account #     For HW POS lookup: (Disti SO #, Disti SO Line #, Cisco Part #) OR SN #	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
	Cisco One Portability	The HW is ordered by itself as an upgrade, and the customer is porting over their existing Cisco One License	For approval: Existing Cisco One License details, SN# of Existing Device, Customer Name     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	For approval: Customer service # and RMA # (optional)     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

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Things to know

**Common terminology** 

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Figure 15 shows the distributor drop-shipping the entire order from Cisco to the end customer using Cisco DNA Advantage or Essential instead of Cisco DNA Premier subscription.

Figure 15. Catalyst 9200 Series switch mandatory exceptions

## 9200: Mandatory Attach Exceptions and Approvals

Exception type	Exception Reason	Description	Additional Info needed for verification	Validation	Actors
Software Exception(Resell er ordering standalone SW subscription)  Subscri (Renew Buying addition Entitlem (Software	Standalone Subscription (Renewals)	The Subscription is not attached to any Hardware	MA flag should <b>not</b> be set to 'Yes' on order	No approval/validation required	
	Buying additional DNAC Entitlements (Software Upgrade)	The subscription is ordered in addition to an existing device associated with a mandatory attach subscription.	MA flag should <b>not</b> be set to "Yes" on order	No approval/validation required	
Hardware Exception (Reseller ordering HW without MA subscription)  DOA (Dead Arrival)		The HW is exempted from Mandatory Attach, as part of the Enterprise Agreement with the End Customer (EC)	For approval: EA #, Customer Name, Customer Smart Account #     For HW POS lookup: (Disti SO #, Disti SO Line #, Cisco Part #) OR SN #	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
		The HW is ordered by itself as an upgrade, and the customer is porting over their existing Cisco One License	For approval: Existing Cisco One License details, SN# of Existing Device, Customer Name     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	For approval: Customer service # and RMA # (optional)     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.



Things to know

**Common terminology** 

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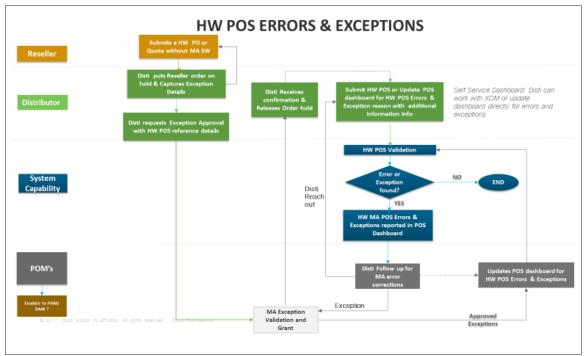
**Cisco DNA Premier subscription for Cisco Catalyst 9200 Series switches** 

**Cisco DNA Premier ordering information** 

Catalyst 9200 Series switches hardware to DNA License Mapping

Distribution Ordering Addendum Important Links

Figure 16. Catalyst 9200 Series switch hardware Point of Sale Approval flow



## Important Links

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
- <u>Smart Account decision tree</u>: 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
- <u>Training reservation form</u>: Form to request a live software training session

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