

The bridge to possible

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Cisco DNA Center Ordering Guide 2.x

October 2021

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Cisco DNA:

Cisco DNA Center: Intent-based networking

Powered by intent. Informed by context

Figure 1. Cisco DNA Center Architecture

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Design, provision, set policy using logical workflows

Respond to changes faster

Monitor end-to-end network performance

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Predict and act on problems before they happen



Pinpoint

problems faster

Reduce downtime with

an end-to-end view

instead of hop by hop



Manage hardware and software lifecycles

Keep up to date, meet compliance, and plan for refresh



Cisco DNA Center: Design, provision, automate policy and ensure services from one place

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Cisco DNA Center: Solution components

Figure 2. Cisco DNA Center Solution Components

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Routers

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Switches







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Cisco DNA Center hardware appliance ordering

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Cisco DNA Center appliance – scale and hardware specifications

 Table 1.
 Cisco DNA Center Appliance Hardware Specification

DN2-HW-APL	DN2-HW-APL-L	DN2 – HW-APL-XL
 44-core M5 5000 network devices 1000 switches and Routers 4000 APs 25,000 endpoints (concurrent) 	 56-core M5 8000 network devices 6000 APs and 2000 switches/routers 40,000 endpoints (concurrent) 	 112-core M5 18K devices 13K AP/5K switches and routers 100,000 endpoints (60K wireless/40K wired)
	utomation HA available with all models Cluster members must be of the same ap	opliance type.)

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- 1 Select top-level SKU:
- DN2-HW-APL

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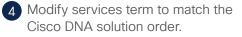
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- Ships with redundant power supply
- Select quantity 1.*
- Select software (for example, DNA-SW-X.Y).
 (If more than one option is available, all options will be shown.)
- 3 Select power cable.



208	Caso DNA Center Appliance (Sen 2) - 44 Com	21 days	91,756.40	1	91,755.40	0	91,756.40
	Valid as all 14.5pc 2021 10:56 40 PDT						
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	11 (NA-5W-213) 1004 () Case Disk Center SW 212	21 days	6.90	1	8.00	8.08	0.60
	12 CAB-25W-18A-CN mon B AC Peer Cell-25ht 18A-PRC	7 days	0.00	2	6.00	0.00	0.00
	13 DRC PCIE-D1007 B nov 0 sea 1710 DA2 susper 350 SFP+ 360	28 days	0.00	63	6.00	0.00	0.00
	7X (00-50-640-51) note () 6408 50 Cast for UCS Servers	28 days	8.80	5	0.00	0.00	0.00
	18 DN2-PS01-770W 28 mine 0 Cloce UCS 1719/I AC Power Supply for Rack Jeney	28 days	0.00	1	6.00	0.00	8.00
	16 (AL) 1992-003 () mine () Toxotof Pathem Madeie 2.6 to: UCS servers	28 days	0.00	1	0.00	8.00	0.00
	17. DN2-RAD-M5 C more C Clica 120 Matulae RAID controller with 208 cante	28 dans	0.00	1	8,30	0.00	8.00

* Quantity to order

- Qty = 1: standalone, 25,000 endpoints, 5000 network nodes
- Qty = 3 or more: HA and scale-out (scale TBD)

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- 1 Select top-level SKU:
- DN2-HW-APL-L

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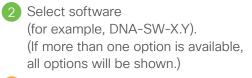
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- Ships with redundant power supply
- Select quantity 1.*



- 3 Select power cable.
- 4 Modify services term to match the Cisco DNA solution order.

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1011 COM 655MT CRUMMA SOCK SUPP BOURDOOMS Santer Appliance (See 2) 58-See	ine paperation	12,989.00 0		12,980.00	0.00	12,996,00
12.62 minths						
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12 CAD 200V 10A-CN mont B AC Press Care - 200V 10A - PRC	7 diya	6.00	3	6.00	0.00	6.00
13 DKD PCIE (D1664 B) Hole (D Mel X716-D43 due per 160 B794 MC	J1 69/1	8.00	1	0.10	0.00	8.24
HALD SO CARENA OCTORNES	28 08/5	6.00	1	8.30	0.00	8.04
18 DAO PERSON DIAN DE MINISTER Casas LCS 17101 AC Passes Tapaty for Read Sense	28 days	8.00	2	6.30	0.00	8.34
18 DAO 17902-000 (0) 1999 (0) Touched Plathers Module 10 for UCS restore	25 dece	8.05	1	0.00	0.00	6.00
12 Dec BLUC in D more g Case 103 Minute BLID consultr with 208 cache	28 days	6.00	4	0.00	0.00	6.00

* Quantity to order

- Qty = 1: standalone, 40,000 endpoints, 8000 network nodes
- Qty = 3 or more: HA and scale-out (scale TBD)

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- Ships with redundant power supply
- Select quantity 1.*
- 2 Select software (for example, DNA-SW-X.Y).
 (If more than one option is available, all options will be shown.)
- 3 Select power cable.
- 4 Modify services term to match the Cisco DNA solution order.

	HWAPL-11.005 Center Applance (Sen 2)	20 days	293,785.44	1	290,795.66	0	293,785.66
	an of 14-Jay 2021 11 10 33 PO1						
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	Duration 12.00 mertite						
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1.2	CAB-2504-10A.CN more D AC Parent Card - 250x 10A - PRC	1 days	6.00	*	6.00	8.00	6.00
	EACI PCYE IDAOCE (2) metric Metric Control (2) designed 1900 SPP+ MC	20 days	0.00	1	8.00	8.00	0.00
2.8	DAQ-SD-64G-5 (2) more (2) 64GB SD Card for UCD Servers	28 dejn	0.00	,	8.00	8.00	9.00
15	CN2 TING OC2 () Incre () Trained Plattern Models 2.1 for UC3 anivers	20 daya	6.00	<u>*</u>)	6.00	9.00	6.00
-	0N2-S008TB1XLEV (2) mark (2) 1278 21 inch Selegrae Value 40 Sata 580	36 daya	0.00	2	8.00	0.00	6.00
82	DN2-C404-DHC0 28 more () UCS C400 MS Drive Module for Bio HCD	35 daya	6.00	3	8.00	4.00	8.00

* Quantity to order

- Qty = 1: standalone, 100,000 endpoints, 18,000 network nodes
- Qty = 3 or more: HA and scale-out (scale TBD)

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Cisco DNA Center appliance license for greenfield and brownfield customers

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Cisco DNA Center appliance license

- One of the Cisco DNA Center Appliance licenses listed below will get deposited into the customer's Cisco[®] Smart Account by default when purchasing a new Gen 2 Cisco DNA Center Appliance (regular/large/XL) with software version 2.1.2.x and above.
- Cisco DNA Center Appliance needs to be registered with the respective Smart Account/Virtual Account to consume this Cisco DNA Center Appliance license. Refer to <u>Cisco DNA Center Administration Guide 2.1.2. x</u> and above for more information.

Cisco DNA Center appliance licenses

 Table 2.
 Cisco DNA Center appliance licenses

License SKU	Description
DN2-HW-APL-LIC	Cisco DNA Center Gen2 Regular (44 Core) Appliance License
DN2-HW-APL-L-LIC	Cisco DNA Center Gen2 Large (56 Core) Appliance License
DN2-HW-APL-XL-LIC	Cisco DNA Center Gen2 XL (112 Core) Appliance License

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Brownfield Cisco DNA Center appliance customers

- Brownfield Cisco DNA Center Appliance customers will also get a Cisco DNA Center Appliance license based on the appliance type.
- Existing Cisco DNA Center Appliance customers must upgrade to Cisco DNA Center software Release 2.1.2.x or above.
- They need to register their appliances one by one with Cisco[®] Smart Software Manager (CSSM) and leverage the self-serve option in CSSM to deposit the respective the Cisco DNA Center appliance license in the customer's Cisco Smart Account.

Figure 4. Ordering Cisco DNA Center appliance in CCW

Category ()	Qty	Extended List Price (USD)	DN2-HW-APL > DNA Software	
DNA Software		^	DNA Software	
DNA-SW-2.1,2 Power Cable	1	0.00	SIKU	City
CAB-250V-10A-CN	2	0.00	O DNA-SW-1.3 Cisco DNA Center SW 1.3 More	1
Smart Licensing DN2-HW-APL-LIC	1	0.00	DNA-SW-2.1.2 Cisco DNA Center SW 2.1.2 More	1

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Cisco DNA Center appliance license

• When performing self-serve, the customer must select the appropriate Cisco DNA Center Appliance license with QTY 1 based on their appliance model (regular-regular/large-large/XL-XL).

 Table 3.
 Cisco DNA Center Appliance types

Appliance type	License to select	QTY
DN2-HW-APL	DNAC Gen2 Appliance - Regular (44 Core)	1
DN2-HW-APL-L	DNAC Gen2 Appliance - Large (56 Core)	1
DN2-HW-APL-XL	DNAC Gen2 Appliance - XL (112 Core)	1

Customer should follow the steps mentioned in the upcoming pages to deposit the Cisco DNA Center Appliance
 license in the respective Smart Account/Virtual Account automatically.

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Cisco DNA Center appliance registration

Register Cisco DNA Center Appliance with CSSM using the option "Smart License Registration." Refer to <u>Cisco</u> <u>DNA Center Administration Guide</u> 2.1.2. x and above.

Check the registration status and license authorization status after registering with CSSM. Go to CSSM, if the authorization status is "Out of Compliance."





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Cisco DNA Center appliance license self-serve

Enable self-serve in CSSM by navigating to **Inventory > Product Instances > Select the Product Instance with type "DNASW"> Actions > Add to Inventory.**

-	Product (colorises	Dest(sq.			
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Are		Pointing	Galicovan	-	Altern
elandor talenty por	Chen .	Device	305-hp-9/1428-H		Address +
eldneme measured in the	-	Date	201-01-0100910		4444
Alternation of the second second	tite	Design	250 Ag #11 10 (F		Autors a
And the owner was started		Dealer	883-04-215-38-81		8.001+
at dilling topolycist bei	-	(might	All Age to be the		Turch: Amust

Select the appliance license based on the hardware appliance model. Enter "1" against "**DNAC Gen2 Appliance -Regular (44 Core)**" if you are registering a regular DNAC appliance.

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Click "Next" and review the added license.

Click "**Add** to Inventory" to add the appliance license to the inventory.

License	Dçiel	Adulta	Additio inventory
DRAC Gerd Appliance - Regular (AR Cont) Cless DRAC Gerd Regular (N4 Cent) Appliance Universe	-mm-	1	1
DNAC Gen2 Appliance - HL (112 Core) Discs DNAC Gen2 XL (112 Core) Appliance License	-0000		
ONAC Genil Agyllania - Largel M Cont) Once ONAC Genil Large (M Cont) Agellance Learner	-0041-	1	

Note: Reach out to GLO team If you have selected the wrong appliance license or quantity.

Cisco DNA Center appliance license self-serve

In CSSM, navigate to Inventory
 > licenses check whether DNAC appliance self-service license has been deposited.

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Server Lowest	Paral Concession State	etter :					
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· mat hait issues	Lager M Doort	-	1.4		2.4	100	Automa -
O DISC SHE Approved		and a local					· million ·

In Cisco DNA Center, navigate to System > Settings > Cisco Accounts > Smart License Registration > Reregister. Now the authorization status will be changed to "Authorized."

Elses Alessans - III	Smart License Registration			
Deta ant Datastat	Cince DNA conser regimention completed outcombuly X			
PuP Carriell Smart Account	Brown Licenseig to a cloud-based, schloppe listness management publics their allower usual to manage and tools the status of your listness and software usage.			
Bright Literine Registration	On Registering this Course ENK Currier Product Instances, it will be appe to continuencem with Group Smart Software Monagen			
Davies Berrigs	Disse Smark Sufferine Monager efforts an integrated view of the features pite have purchased and what has been deproved in your research.			
Device Controllability Device ELLA Acceptance	Smart Account			
maga Statematics Surveys	Smart Associat Distant			
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- Routing and SD-WAN ordering guide: Click here
- Wireless access points ordering guide: Click here
- ISE ordering guide: <u>Click here</u>

The documents below can be accessed by partners from Cisco® SalesConnect:

- EN promotions: Click here
- Switching license construct: Click here
- Routing license construct: Click here
- Wireless license construct: Click here

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