

Cisco Catalyst Center (Formerly Cisco DNA Center) DN4 Appliance

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- Simplified IT experiences
- Solution components
- Cisco Catalyst Center DN4 hardware appliance ordering
- Hardware specifications
- Regulatory compliance
- Ordering a Cisco Catalyst Center DN4 appliance
- Cisco Catalyst Center Appliance license
- Cisco Catalyst Center Appliance registration

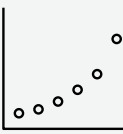
Simplified IT experiences

Scale at the speed of your business



Design, provision, set policy using logical workflows

Respond to changes faster



Monitor end-to-end network performance

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® Catalyst® Center: Design, provision, automate policy, and ensure services from one place

Figure 1. Cisco Catalyst Center simplified experiences

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Solution components

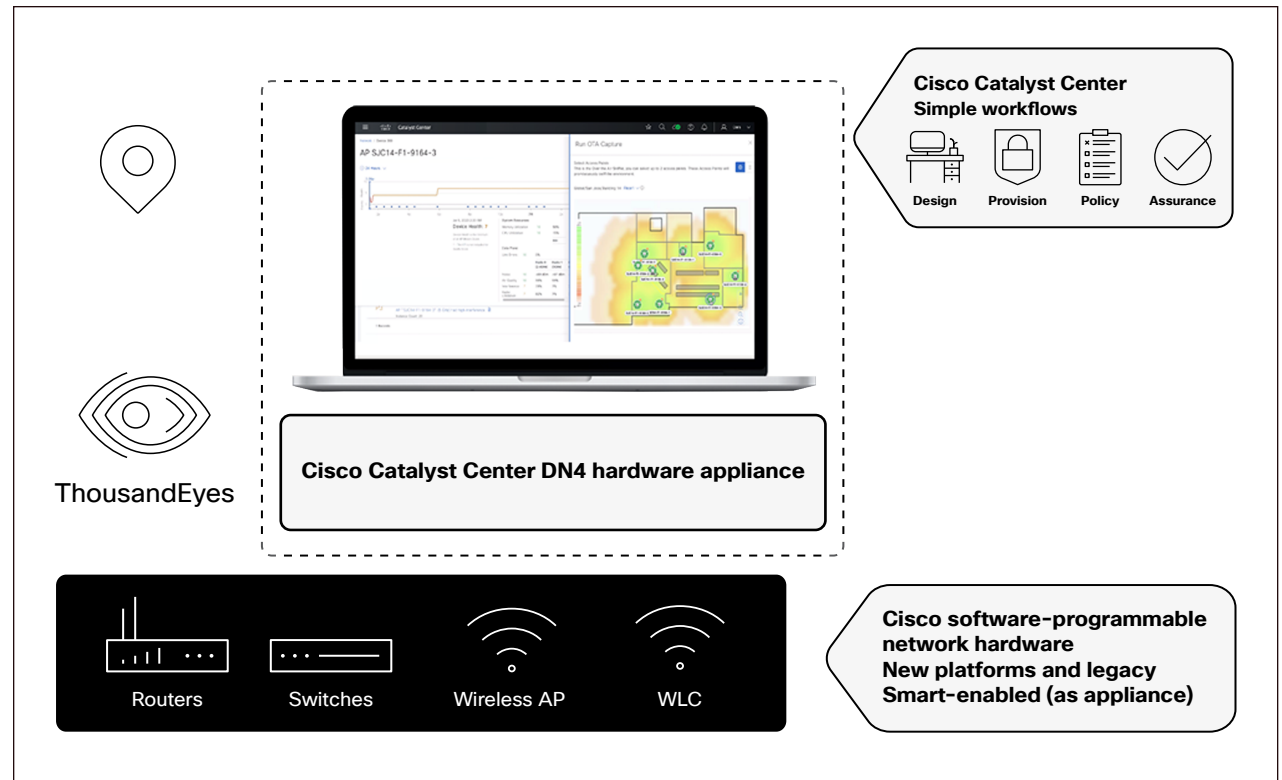


Figure 2. Cisco Catalyst Center solution components



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Cisco Catalyst Center DN4 hardware appliance ordering

Cisco Catalyst Center DN4 appliance – scale and hardware specifications

Scaling for Cisco Catalyst Center DN4 appliances is the same as for their DN3 counterparts. Please see the [Cisco Catalyst Center Data Sheet](#) for detailed scale information.

Table 1. Cisco Catalyst Center DN4 appliance hardware specifications

DN4-HW-APL	DN4-HW-APL-L	DN4-HW-APL-XL
• 32-core M8 • 5000 network devices - 4000 APs - 1000 switches and routers • 25,000 endpoints (concurrent)	• 48-core M8 • 8000 network devices - 6000 APs - 2000 switches/routers • 40,000 endpoints (concurrent)	• 72-core M8 • 18000 network devices - 13000 APs - 5K switches and routers • 100,000 endpoints (concurrent)



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Hardware specifications

Physical specifications	DN4-HW-APL, DN4-HW-APL-L and DN4-HW-APL-XL
Hardware series	Cisco UCS® C225 M8 Rack Server (data sheet)
Form factor	1RU rack server
Power supply	2 hot-pluggable, redundant 1200W Titanium certified AC
Physical dimensions	Height: 1.70 in. (4.3 cm) Width: 16.9 in. (42.9 cm) Depth: 30.0 in. (76.2 cm)
Operating temperature	5°C to 35°C (41°F to 95°F) (supports ASHRAE Class A4 and/or Class A3 and/or Class A2) ASHRAE Class A3 will be generic test profile unless otherwise specified by product engineering The system will continue to operate with a single fan failure (one failed impeller in dual impeller housings) across the ASHRAE recommended operating range of 18°C to 27°C (64.4°F to 80.6°F). While undesired, increased power consumption and/or noise is permitted during a fan-fail event
Non-operating temperature	Dry bulb temperature of -40°C to 65°C (-40°F to 149°F)
Operating humidity	8% to 90% relative humidity, non-condensing, with maximum wet bulb 28°C (82.4°F) within operational temperature range of 5°C to 50°C (41°F to 122°F)



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Physical specifications	DN4-HW-APL, DN4-HW-APL-L and DN4-HW-APL-XL
Non-operating humidity	5% to 93% relative humidity, non-condensing, with a maximum wet bulb temperature of of 28°C (82.4°F) across the 20°C(68°F) to 40°C (104°F) dry bulb range
Operating altitude	A maximum elevation of 3050 meters (10,006 ft)
Non-operating altitude	An elevation of 0 to 12,000 meters (39,370 ft)
Network and management I/O	Supported connectors: • 1 Gigabit Ethernet dedicated Ethernet management port • Two 10 Gigabit BASE-T Ethernet LAN ports • One RS-232 serial port (RJ-45 connector) • VGA display port (DB15 connector) • USB 3.0 ports (two) • One KVM connector (used with KVM cable that provides two USB 2.0, one VGA, and one serial connector)



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Regulatory compliance

Parameter	Description
Regulatory compliance	Products should comply with CE Markings per directives 2014/30/EU and 2014/35/EU
Safety	UL 60950-1/62368-1 CAN/CSA-C22.2 No. 60950-1 / 62368-1 IEC/EN 60950-1/62368-1 AS/NZS 62368.1 GB 4943.1 - 2022 CNS 15598-1:2020
EMC - Emissions	47CFR Part 15 (CFR 47) Class A AS/NZS CISPR32 Class A CISPR32 Class A EN55032 Class A ICES003 Class A VCCI-CISPR32 Class A EN61000-3-2 EN61000-3-3 KS C 9832 Class A EN 300386 Class A



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Parameter	Description
EMC - Immunity	EN55035
	EN55024
	CISPR24/35
	EN300386
	KS C 9835
	IEC/EN61000-6-1

Ordering a Cisco Catalyst Center DN4 appliance

To order a Cisco Catalyst Center DN4 appliance:

1. Select a top-level SKU:
 - DN4-HW-APL
 - DN4-HW-APL-L
 - DN4-HW-APL-XL

In the Configuration Summary panel:

1. Select software version (example: DNA-SW-3.3.1).
2. Select at least two Small Form-factor Pluggables (SFPs).
3. Select at least two power cables.
4. Modify the services term to match the Cisco Catalyst Center order.

Figure 3. Ordering a Cisco Catalyst Center DN4 appliance



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Cisco Catalyst Center Appliance license

- One of the Cisco Catalyst Center Appliance licenses listed below is deposited in the customer’s Cisco Smart Account by default when purchasing a new Catalyst Center appliance.
- The Cisco Catalyst Center Appliance needs to be registered with the respective Smart Account/ Virtual Account to consume this Cisco Catalyst Center Appliance license. Refer to the [Cisco Catalyst Center Administrator Guides](#) for more information.

Cisco Catalyst Center appliance licenses

Table 2. Cisco Catalyst Center Appliance licenses

License SKU	Description
DN4-HW-APL-LIC	Cisco Catalyst Center Appliance (Gen 4) License – 32-core
DN4-HW-APL-L-LIC	Cisco Catalyst Center Appliance (Gen 4) License – 48-core
DN4-HW-APL-XL-LIC	Cisco Catalyst Center Appliance (Gen 4) License – 72-core

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After Catalyst Center has been installed, log in, then click the menu icon and choose System > Settings > Cisco Accounts > Smart Account. Add the Smart Account credentials.

See the Administrator Guide for more details.

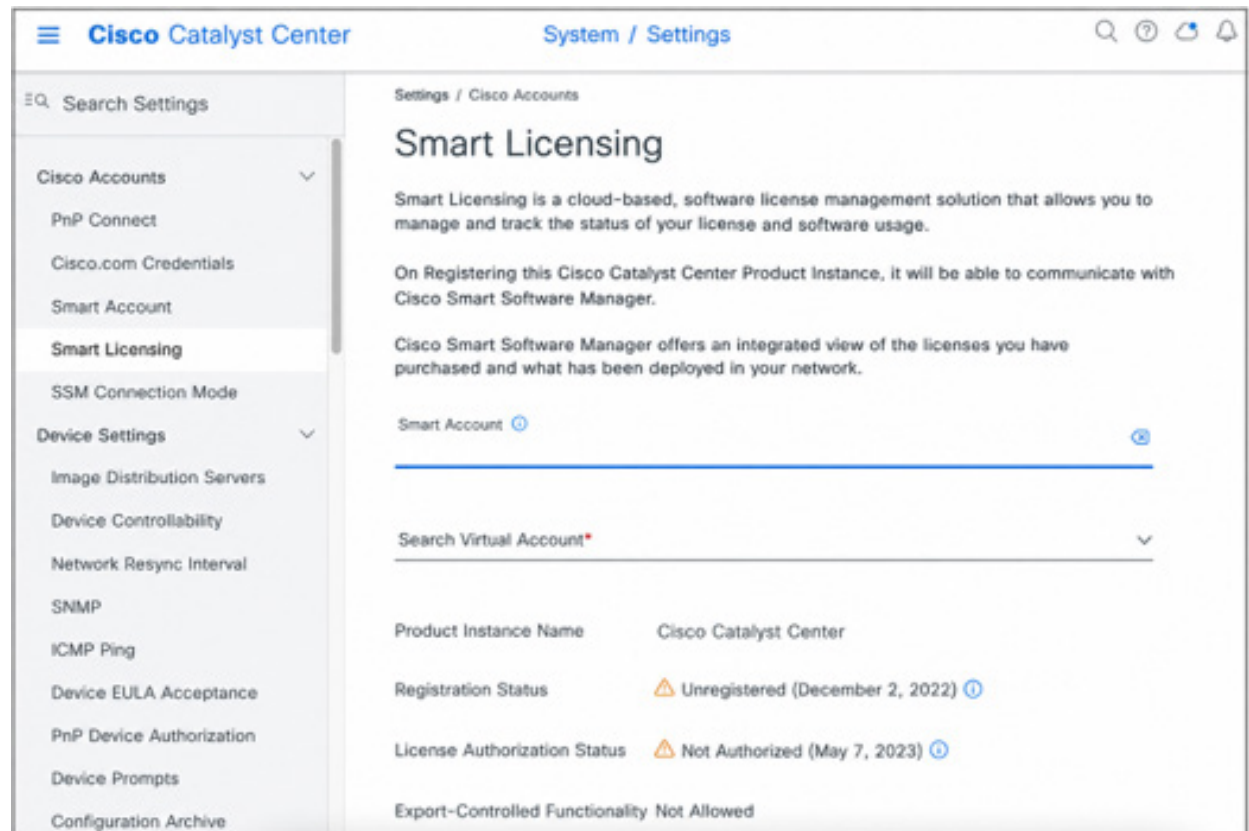


Figure 4. Administrator guide