

Cisco DNA Software Subscription Matrix for Switching



	Network Essentials	Network Advantage	Cisco DNA Essentials	Cisco DNA Advantage	Cisco DNA Premier
License type	Perpetual license compatible with Cisco DNA Essentials. Cannot be purchased as a standalone license	Perpetual license compatible with Cisco DNA Advantage or Premier. Cannot be purchased as a standalone license	3/5/7 year term subscription	Includes Cisco DNA Essentials, 3/5/7 year term subscription	Includes Cisco DNA Advantage, 3/5/7 yea term subscription
Management options	Manual, WebUl	Manual, WebUl	Automation through Cisco DNA Center including Manual, WebUl	Automation through Cisco DNA Center including Manual, WebUI	Automation through Cisco DNA Center including Manual, WebUI

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Added protects ····································	Essential switch capabilities Layer 2, routed access, OSPF, PBR, PIM Stub Multicast, PVLAN, VRRP, PBR, Cisco Discovery Protocol, QoS, FHS, 802.1X, MACsec-128, CoPP, SXP, IP SLA responder, SSO, Stackwise (9300/9200). Limited functionality in Cisco DNA Center cloud.	~	~								
	L3 Routed access L3 Routed access (RIP, EIGRP Stub, OSPF (1000 routes)). For Cisco DNA Center Cloud- supported via "CLI" and "CLI Template" functionality.	~	 Image: A second s								
har and a consisting of a core (as a result of a result of a core	Programmability, NETCONF/RESTCONF/gRPC/YANG Model-driven programmability lets you automate configuration and control of your network devices with programmable interfaces. For Cisco DNA Center Cloud- supported via "CLI" and "CLI Template" functionality.	~	 Image: A second s								
and and a set of the	Zero Touch Provisioning Automated provisioning of a new Cisco switch using the Zero Touch Provisioning functionality built into the switch.	~	 Image: A second s								
ten dig ten di	128-bit MACsec encryption Configure 128-bit MACSEC for authenticating and encrypting packets between MACsec-capable devices.	~	 Image: A set of the set of the								
	Advanced telemetry SPAN, RSPAN Manual/CLI or WebUI configuration of SPAN, RSPAN for providing near real-time access to operational statistics. No automation through Cisco DNA Center.	~	~								
	Streaming telemetry and visibility Model-driven telemetry lets you monitor your network by streaming data from network devices, continuously providing near-real-time access to operational statistics.	~	 Image: A second s								
An and generation of the second and a second and of the generation and and a second and of the second and a first second and a	Cisco trustworthy solutions Help ensure hardware and software authenticity for supply chain trust and strong mitigation against man-in-the-middle attacks that compromise software and firmware.	~	 Image: A second s								
	Software Image Management (SWIM) Manually manage software upgrades and control the consistency of image versions through CLI or WebUI. Automation through Cisco DNA Center not supported.	~	~								
See You All of Years (NAME) Left Year Park Left Year Base House Base Access to You Year Call of	Full L3 routing functionality BGP*, OSPF, IS-IS*. For Cisco DNA Center Cloud- supported via "CLI" and "CLI Template" functionality.		 Image: A second s								
backet generative models and addition of the instruction of addition of the instruction o	Flexible network segmentation VRF*, VXLAN, LISP,* SGT, MPLS*, BGP-EVPN with VXLAN*. For Cisco DNA Center Cloud- supported via "CLI" and "CLI Template" functionality.		~								
Arran Arra Arra	High availability Support operational continuity and maintain availability during routine maintenance, and perform disaster recovery. NSF*, GIR*, HS Virtual*, ISSU*/eFSU*.	RP, Stackwise	~								
Additional types between numbers of the part type where the instance is a best of the part type constants to the part theory constants (a best of the part) and security is a set of the part type constants the instance is a best of the part type constants the part type constants to the part type constant type constants the part type constant type constants the part type constant type constant type constants the part type constant type constants the part type constant type co	Patch/SMU lifecycle management Manual/CLI operations or through WebUI only. Automation through Cisco DNA Center not supported.		~								
Derivative 250 to 1W XMSLB ¹ for antibility of the except inputs of packets between MACkee or gapped endows. Implementation of the except	Optimize bandwidth utilization (Advanced Multicast) Multicast is used between routers so they can track which multicast packets to forward to each other and to their directly connect Discovery*, PIM BI-DIR*.	ed LANs. RP	~								
har here kerekenden in fleve kerekenden verbende gesetnere, verbendig operating obtig and monocide capacity planning and sacuty incoset distancial. If we werkende in and monocide capacity engineering of the set of the	256-bit MACsec encryption Configure 256-bit MACSEC* for authenticating and encrypting packets between MACsec-capable devices.		✓								
Bit is a powerful and results using stem that a products used, using stem that a products and onlocat dustomation. It gives Image: A management of the twent of only on twent dustomation is not allowed and onlocation is not allowed and onlocation. Image: A management of the twent of only on twent dustomation is not allowed and onlocation. Image: A management of the twent of only on twent dustomation is not allowed and onlocation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of only on twent dustomation. Image: A management of the twent of twent of twent dustomation. Image: A management of the twent of twent of twent of twent of the twent of twent o	Full Flexible NetFlow This next generation in flow technology optimizes the network infrastructure, reducing operating costs and improving capacity plat (License is required for Manual/CLI, WebUI or automated Cisco DNA Center configuration).	nning and security in	cident detection.	~	~	~					
Wurnets achware upgrades and cartrel the consistency of image versions through Claco DNA Center.	Cisco IOS Embedded Event Manager (EEM) EEM is a powerful and flexible subsystem that provides real-time network event detection and onboard automation. It gives you the ability to adapt the behavior of your network devices to align with your business needs.			~	~	~					
Number configurations and deployment of networks with Claco DNA Center. <	Software Image Management (SWIM) Automate software upgrades and control the consistency of image versions through Cisco DNA Center.			×	~	~					
ables a high-level overview of the health of level ynetwork (device/definet on the network, wined and wireless, Clicco and Merikk, managed by Clicco DNA Center. Check a bigh-level overview of the health of view device, Network, device/definet on the network, managed by Clicco DNA Center. Check a bigh-level overview of the health of view device. Network Plag and Play (PhP) provisioning application Check and provision of new device in network, managed by Clicco DNA Center. Network Plag and Play (PhP) provisioning application Check and provision of new device in network device/site of the network, managed by Clicco DNA Center. Limited Check and Play (PhP) provisioning application or automation through Clicco DNA Center. Network Plag and Play (PhP) provisioning application Check and Play (PhP) provisioning application or automation through Clicco DNA Center. Network Plag and Play (PhP) provisioning application Check and Play (PhP) provisioning application Check and Play (PhP) provisioning application or automation through Clicco DNA Center. She Access and Network Health Insights (SIE licenses included only in Promie) She Access and Network Analytics Check Analytics Check Analytics Check Analytics are implemented on Clicco DNA Center and in the Al Network Analytics cloud to nationate the insight segmentation policies. Check All Angle Instrument and entrupies to classify them into groups. Check All Angle Instrument and the instrument and provision application. Check All Angle Instrument and the instrument and the instrument and provision application. Check All Angle Instrument and the in	LAN automation Automate configurations and deployment of networks with Cisco DNA Center.			✓	~	~					
Javes a flip-level overview of the health of wired network, devices/clients on the network, managed by Clico DNA Center. <	Overall health dashboard Gives a high-level overview of the health of every network device/client on the network, wired and wireless, Cisco and Meraki, ma	naged by Cisco DNA	A Center.	 Image: A second s	~	 Image: A second s					
Zero-touch provisioning for new device installation of Classo devices to be provisioned simply by connecting to the network, managed by Classo DNA Center. Limited <	Overall health dashboard for Device, Network, Application and Client for 24 hours only Gives a high-level overview of the health of wired network devices/clients on the network, managed by Cisco DNA Center.			 Image: A second s	~	~					
This software-defined, controller-less solution enables Bonjour services discovery and advertisement at for local cache discovery and distribution functions between VLANs. SD-Access and Network Health insights (ISE licenses included only in Premier) includes policy-cased automation with secure segmentation, complete visibility, and delivery of new services quickly on SD-Access devices, managed by Clicco DNA Center only. Cisco AI Network Analytics Al and machine learning technologies are implemented on Clicco DNA Center and in the AI Network Analytics cloud to anhance the insight and remediation capabilities of Clicco DNA Assurance. Cisco AI Network Analytics dentify and check compliance of endpoints, and use AI/ML techniques to classify them into groups. Cisco AI Network Network Work To Give end-users control of their very own wireless network partition. End-users can then remotely and securely devices on this network. Patch/SUU lifecycle management Automated management of SMU/Patches patching by Clicco DNA Center. Compliance and Reports Compliance and Reports Compliance and Reports Compliance and Clictor S50 UNA Center. Compliance and Reports Cisco Dara Center of SMU/Patches patching by Clicco DNA Center. Cisco Dara Center of SMU/Patches patching by Clicco DNA Center. Cisco Dara Center of SMU/Patches patching by Clicco DNA Center. Cisco Dara Center of SMU/Patches patching by Clicco DNA Center. Compliance and Reports Compliance and Reports <td>Network Plug and Play (PnP) provisioning application Zero-touch provisioning for new device installation of Cisco devices to be provisioned simply by connecting to the network, mana functionality in Cisco DNA Center cloud.</td> <td>ged by Cisco DNA C</td> <td>enter. Limited</td> <td>~</td> <td>~</td> <td>~</td>	Network Plug and Play (PnP) provisioning application Zero-touch provisioning for new device installation of Cisco devices to be provisioned simply by connecting to the network, mana functionality in Cisco DNA Center cloud.	ged by Cisco DNA C	enter. Limited	~	~	~					
anables policy-based automation with secure segmentation, complete visibility, and delivery of new services quickly on SD-Access devices, managed by Cisco DNA Center only. Image: Cisco AI Network Analytics All and machine learning technologies are implemented on Cisco DNA Center and in the AI Network Analytics cloud to anhance the insight and remediation capabilities of Cisco DNA Assurance. Image: Cisco AI Endpoint Analytics Cisco AI Endpoint Analytics Image: Cisco AI Cisco DNA Assurance. Image: Cisco AI Cisco DNA Assurance. Cisco AI Endpoint Analytics Image: Cisco AI Cisco DNA Assurance. Image: Cisco AI Cisco DNA Assurance. Cisco AI Endpoint Analytics Image: Cisco AI Cisco DNA Assurance. Image: Cisco AI Cisco DNA Assurance. Cisco Lisco AI Endpoint Analytics Image: Cisco DNA Assurance. Image: Cisco DNA Center only. Group-Based Policy Analytics Image: Cisco DNA Assurance. Image: Cisco DNA Center only. Cisco Lisco Lisco Disco Disco DNA center inght segmentation policies. Image: Cisco DNA Center. Cisco Lisco Lisco Disco DNA Center. Image: Cisco DNA Center. Allows IT to give end-users control of their very own wireless network partition. End-users can then remotely and securely and cisco DNA Center. Cisco Lisco Compliance and Reports Image: Cisco DNA Center. Cisco Lisco DNA Center. Image: Cisco DNA Center. Cisco Lisco Cisco DNA Center. Image: Cisco DNA Center. Cisco Lisco Cisco DNA Center. Image: Cisco DNA Center.	Cisco Local Area Bonjour This software-defined, controller-less solution enables Bonjour services discovery and advertisement at for local cache discovery License is required for both manual/CLI configuration or automation through Cisco DNA Center.	and distribution func	tions between VLANs.	~	~	~					
Cisco Al Network Analytics Al and machine learning technologies are implemented on Cisco DNA Center and in the Al Network Analytics cloud to Al and machine learning technologies are implemented on Cisco DNA Assurance. Cisco Al Endpoint Analytics Cisco Al Endpoint Analytics </td <td>SD-Access and Network Health insights (ISE licenses included only in Premier) Enables policy-based automation with secure segmentation, complete visibility, and delivery of new services quickly on SD-Access</td> <td>s devices, managed</td> <td>by Cisco DNA Center c</td> <td>only.</td> <td>~</td> <td>~</td>	SD-Access and Network Health insights (ISE licenses included only in Premier) Enables policy-based automation with secure segmentation, complete visibility, and delivery of new services quickly on SD-Access	s devices, managed	by Cisco DNA Center c	only.	~	~					
Cisco AI Endpoint Analytics dentify and check compliance of endpoints, and use AI/ML techniques to classify them into groups. Group-Based Policy Analytics Get visual traffic flows between endpoint groups, so you can define the right segmentation policies. Cisco User-Defined Network Allows IT to give end-users control of their very own wireless network partition. End-users can then remotely and securely Allows IT to give end-users Control of their very own wireless network partition. End-users can then remotely and securely Automated management Automated management of SMU/Patches patching by Cisco DNA Center. Compliance, and detailed Network Reports, managed by Cisco DNA Center. Device 360 and Client 360	Cisco Al Network Analytics Al and machine learning technologies are implemented on Cisco DNA Center and in the Al Network Analytics cloud to				~	~					
Get visual traffic flows between endpoint groups, so you can define the right segmentation policies. Cisco User-Defined Network Allows IT to give end-users control of their very own wireless network partition. End-users can then remotely and securely deploy their devices on this network. Patch/SMU lifecycle management Automated management of SMU/Patches patching by Cisco DNA Center. Compliance and Reports Compliance, and detailed Network Reports, managed by Cisco DNA Center.	Cisco Al Endpoint Analytics Identify and check compliance of endpoints, and use Al/ML techniques to classify them into groups.				~	~					
Cisco User-Defined Network Allows IT to give end-users control of their very own wireless network partition. End-users can then remotely and securely deploy their devices on this network. Patch/SMU lifecycle management Automated management of SMU/Patches patching by Cisco DNA Center. Compliance and Reports Compliance, and detailed Network Reports, managed by Cisco DNA Center.	Group-Based Policy Analytics Get visual traffic flows between endpoint groups, so you can define the right segmentation policies.				~	~					
Patch/SMU lifecycle management Automated management of SMU/Patches patching by Cisco DNA Center. Compliance and Reports Compliance, and detailed Network Reports, managed by Cisco DNA Center. Device 360 and Client 360	Cisco User-Defined Network Allows IT to give end-users control of their very own wireless network partition. End-users can then remotely and securely deploy their devices on this network.				~	~					
Compliance, and detailed Network Reports, managed by Cisco DNA Center.	Patch/SMU lifecycle management Automated management of SMU/Patches patching by Cisco DNA Center.				~	~					
	Compliance and Reports Compliance, and detailed Network Reports, managed by Cisco DNA Center.				~	~					
	Device 360 and Client 360 Display devices and client connectivity from any angle or context, providing for very granular troubleshooting in seconds.				~	~					

Application policy creation Assign policies to applications based on business relevance and business-critical QoS priority for life-saving devices, for example through Cisco DNA Center.	~	 Image: A second s
Application hosting Allows third-party applications to be hosted in a secure container environment on the switch. License is required for both manual/CLI configuration or automation through Cisco DNA Center.	~	 Image: A second s
Third-party API integration A flexible framework is provided to integrate third-party application software.	~	 Image: A second s
Encrypted Traffic Analytics (ETA)*: (No Stealthwatch License Included) Detect malware within encrypted traffic. License is required for both manual/CLI configuration or automation through Cisco NA Center.	~	 Image: A second s
Cisco Wide Area Bonjour This software-defined, controller-based solution enables Bonjour services discovery and advertisement at scale across multiple domains. License is required for both manual/CLI configuration or automation through Cisco DNA Center.	~	 Image: A second s
ERSPAN* Monitor and re-direct traffic. License is required for both manual/CLI configuration or automation through Cisco DNA Center.	~	 Image: A set of the set of the
Wireshark* Packet capture for analysis. License is required for both manual/CLI configuration or automation through Cisco DNA Center.	~	 Image: A second s
AVC (NBAR2)* Gain application visibility and control through Next-Generation Network-Based Application Recognition. License is required for both manual/CLI configuration or automation through Cisco DNA Center.	~	~
Cisco Prime Infrastructure License Provides a single integrated solution for comprehensive lifecycle management of the wired or wireless access, campus, and branch networks, and rich visibility into end-user connectivity and application performance assurance issues. Only available on the Catalyst 9000 switches, not on legacy switches.	~	~
Stealthwatch Enterprise (for Encrypted Traffic Analytics (ETA))* Detect malware within encrypted traffic. License is required for both manual/CLI configuration or automation through Cisco DNA Center. Includes Stealthwatch Flow Rate License, Virtual Stealthwatch Management Console, and Virtual Flow Collectors.		~
Identity Services Engine (ISE) License: SD-Access and Network Health Insights Enables policy-based automation with secure segmentation, complete visibility, and delivery of new services quickly on SD-Access devices, managed by Cisco DNA Center only.		✓
Support		
E-LLW 90 days of Cisco TAC support; local business hours, 8x5; Hardware replacement (next business day where available); Warranty duration is lifespan of hardware product; OS software updates and upgrades.		
Software Support Service in the subscription software stack includes 24-hour TAC support and software updates and upgrades in Cisco DNA Center.	✓	~
SNTCSmart Net Total Care, 24-hour hardware and network software stack support provided by TAC.OptionalOptional		
For quantities of Stealthwatch and ISE licenses included with the Cisco DNA Premier subscription, please see https://www.cisco.com/c/en/us/products/collateral/software/one-subscription-switching/nb-06-dna-sw-sub-access-sw-ctp-en.html?oid=dsten020087		
* - not supported on all platforms		