

Cisco DNA Software Subscription Matrix for Switching



icense type	Network Essentials Perpetual license compatible with Cisco DNA Essentials. Cannot be purchased as a standalone license	Network Advantage Perpetual license compatible with Cisco DNA Advantage. Cannot be purchased as a standalone license	Cisco DNA Essentials 3/5/7 year term subscription Automation through Cisco DNA Center including Manual, WebUI		Cisco DNA Advantage Includes Cisco DNA Essentials, 3/5/7 year term subscription Automation through Cisco DNA Center including Manual, WebUI	
Management options	Manual, WebUl	Manual, WebUl				
		Features	Network Essentials	Network Advantage	Cisco DNA Essentials	Clsco DNA Advantage
-	, OSPF, PBR, PIM Stub Multicast, PVLAN, VRRP, PBR, 0		✓ ⊕	→ (*)	Essendais	Advantage
.3 Routed access	XP, IP SLA responder, SSO, StackWise (Catalyst 9300)	/9200).	✓ ⊗	√ ⊛		
Programmability, NET	EIGRP Stub, OSPF (1000 routes)). **CONF/RESTCONF/gRPC/YANG**		✓ ⊗	√ ⊗		
Zero Touch Provisioning				✓ ⊗		
28-bit MACsec encry			✓ ⊙	**		
Advanced telemetry S	SPAN, RSPAN configuration of SPAN, RSPAN for providing near real-t		✓ ⊛	✓ ⊛		
hrough Cisco DNA Cer Streaming telemetry a Model-driven telemetry		n network devices, continuously providing	⋞ ⊛	*		
Sisco Trustworthy Sol	to operational statistics. lutions and software authenticity for supply chain trust and str	ong mitigation against man-in-the-middle attacks	✓ ⊛	✓ ⊗		
hat compromise software Image Mana Manually manage softw Cisco DNA Center not s	agement (SWIM) ware upgrades and control the consistency of image ve	ersions through CLI or WebUI. Automation through	✔ ③	*		
full L3 routing function				₩		
lexible network segm	nentation GT, MPLS*, BGP-EVPN with VXLAN*.			✓ ⊛		
ligh availability		ance, and perform disaster recovery. NSF*, GIR*, HSR	P. Stackwise Virtual*.	₩		
SSU*/eFSU*. Patch/SMU lifecycle m	nanagement***		, , o.a.o	✓ ⊗		
)ptimize bandwidth u	or through WebUI only. Automation through Cisco DNA utilization (Advanced Multicast) een routers so they can track which multicast packets:	A Center not supported. to forward to each other and to their directly connected	HIANS RP Discovery*	√ ⊛		
IM BI-DIR*. 56-bit MACsec encry		to forward to each other and to their directly connected	LANS. RE DISCOVERY ,			
_	Csec* for authenticating and encrypting packets betwe	en MACsec-capable devices.		*		
rofiles with less than 1	100 nano seconds precision.	ult profile (IEEE 1588v2/PTPv2, gPTP (IEEE 802.1AS),	AES67 and G8275.1	*		
udio Video Bridging isco AVB simplifies diqual Flexible NetFlow		of experience with standards like IEEE1588v2 PTPv2,	AES67 timing profile.	*		
his next generation in equired for Manual/CLI	I, WebUI or automated Cisco DNA Center configuratio	reducing operating costs and improving capacity planr n).	ning and security incident de	etection. (License is	*	~
		ent detection and onboard automation. It gives you the	ability to adapt the behavior	of your network devices	⋞ ⊛	~
oftware Image Mana utomate software upg	agement (SWIM) grades and control the consistency of image versions t	hrough Cisco DNA Center.	C.S.		✓	~
	view of the health of every network device/client on th	e network, wired and wireless, through Cisco DNA Cer	nter or cloud monitoring for	Catalyst.	*	~
Gives a high-level over	pard for Device, Network, Application and Client for view of the health of wired network devices/clients on y (PnP) provisioning application		<u>J</u>		~	~
	g for new device installation of Cisco devices to be pro	ovisioned simply by connecting to the network, manage	ed by Cisco DNA Center.			~
equired for both manua	controller-less solution enables Bonjour services disc al/CLI configuration or automation through Cisco DNA	overy and advertisement at for local cache discovery a Center.	nd distribution functions bet	ween VLANs. License is	*	~
Out of box reports Cisco DNA Center pre-	-built reports that can be consumed directly or exporte	ed to third party tools such as Tableau.			✓ ⊛	~
	g options with Cisco® Catalyst® 9000 switches to deliv	er visibility and troubleshooting.			Limited visibility	✓
vailable for Cisco Cata	alyst 9300 and 9400 Series Switches.	platform capabilities via integrations and partner applic	ations. Includes Cisco Spac	es See.		✓ ⊙
eliver superior networl		s, now integrated into Cisco Catalyst 9300 and 9400 S	Series switches.			*
	ed Fabric Management and Configuration rty controller orchestrating a Fabric like EVPN, MPLS e	tc.				✓ ⊗
	automation with secure segmentation, complete visibili	ty, and delivery of new services quickly on SD-Access	devices, managed by Cisco	DNA Center only.		-
	g technologies are implemented on Cisco DNA Center	and in the Al Network Analytics cloud to enhance the	insight and remediation cap	abilities of Cisco DNA Assu	rance.	-
	npliance of endpoints, and use Al/ML techniques to cla	ssify them into groups.				∀ ⊗
Makes segmentation policy simpler by discovering traffic flows between scalable groups to determine the right policies. Al Trust Analytics						∀ ⊗
AN automation		e security policies that isolate rogue or compromised e	endpoints to reduce threat p	oroliferation.		•
utomate configuration	ns and deployment of networks with Cisco DNA Center					V
-						•
automated managemer	nt of SMU/Patches patching by Cisco DNA Center.					V
utomated managemer compliance compliance reports ma		veen sites or from cloud to site.				✓ ⊙
compliance compliance reports ma Psec upports 100G+ HW er	nt of SMU/Patches patching by Cisco DNA Center. anaged by Cisco DNA Center.					✓ •
utomated management compliance compliance reports made apports 100G+ HW error cevice 360, Client 360 isplay devices and client policy creates	anaged by Cisco DNA Center. concryption for high-bandwidth secure L3 transport between the connectivity from any angle or context, providing for the connectivity from any angle or context.		gh CLI or automation through	h Cisco DNA Center.		✓ ⊗
compliance compliance compliance reports ma Psec upports 100G+ HW er revice 360, Client 360 risplay devices and clie complication policy creations policies to application hosting	anaged by Cisco DNA Center. anaged by Cisco DNA Center. ancryption for high-bandwidth secure L3 transport between the connectivity from any angle or context, providing for the cation and business relevance and business-critical cations based on business relevance and business-critical cations.	or very granular troubleshooting in seconds.			ter.	✓
compliance Compliance Compliance reports ma Psec Supports 100G+ HW er Device 360, Client 360 Display devices and clie Explication policy creates in policies to application hosting Illows third-party application party application in the party appl	anaged by Cisco DNA Center. anaged by Cisco	or very granular troubleshooting in seconds. tical QoS priority for life-saving devices, manual throug			ter.	✓ ※
Compliance Compliance Compliance reports ma Psec Cupports 100G+ HW er Pevice 360, Client 360 Pisplay devices and clie Capplication policy creates in policies to application hosting Capplication hosting Chird-party API integral Capplication framework is Capplication framework is	anaged by Cisco DNA Center. anaged by Cisco	or very granular troubleshooting in seconds. tical QoS priority for life-saving devices, manual throug	LI configuration or automation		ter.	✓ ⊗
compliance compliance compliance reports ma Psec upports 100G+ HW er Pevice 360, Client 360 risplay devices and clie replication policy creasing policies to application hosting replication hosting replica	anaged by Cisco DNA Center. anaged by Cisco	or very granular troubleshooting in seconds. tical QoS priority for life-saving devices, manual throught on the switch. License is required for both manual/C	LI configuration or automation	on through Cisco DNA Cent		✓ * ✓ * * * * *
compliance compliance compliance reports ma Psec upports 100G+ HW er revice 360, Client 360 isplay devices and clie pplication policy creasing policies to application hosting llows third-party application hosting replication hosting llows third-party application hosting flexible framework is Incrypted Traffic Analogue tect malware within exisco DNA Service for his software-defined, risco DNA Center. RSPAN*	anaged by Cisco DNA Center. anaged by Cisco	or very granular troubleshooting in seconds. tical QoS priority for life-saving devices, manual throught on the switch. License is required for both manual/C CLI configuration or automation through Cisco DNA Ce	LI configuration or automation	on through Cisco DNA Cent		
compliance compliance compliance reports ma Psec upports 100G+ HW er revice 360, Client 360 isplay devices and clie pplication policy creasing policies to application hosting llows third-party application hosting flexible framework is Incrypted Traffic Analetect malware within exists of DNA Service for his software-defined, isco DNA Center. RSPAN* Ionitor and re-direct training and r	anaged by Cisco DNA Center. Concryption for high-bandwidth secure L3 transport between the connectivity from any angle or context, providing for the cation of the cations based on business relevance and business-critications to be hosted in a secure container environmentation of the cation of t	or very granular troubleshooting in seconds. tical QoS priority for life-saving devices, manual throught on the switch. License is required for both manual/Coscovery and advertisement at scale across multiple dorsation or automation through Cisco DNA Cestation or automation through Cisco DNA Center.	LI configuration or automation	on through Cisco DNA Cent		
Compliance Compliance reports ma Psec Supports 100G+ HW er Device 360, Client 360 Display devices and clie Application policy creates to applicate to applicate to applicate to applicate to applicate to applicate the complete to applicate the complete transport of the complete	anaged by Cisco DNA Center. noryption for high-bandwidth secure L3 transport between the connectivity from any angle or context, providing for the cation locations based on business relevance and business-critications to be hosted in a secure container environmentation provided to integrate third-party application software. Solytics (ETA)*: (No Stealthwatch License Included) encrypted traffic. License is required for both manual/or Bonjour WAN controller-based solution enables Bonjour services displays a License is required for both manual/CLI configurations.	or very granular troubleshooting in seconds. tical QoS priority for life-saving devices, manual throught on the switch. License is required for both manual/Coscovery and advertisement at scale across multiple dorsation or automation through Cisco DNA Cestation or automation through Cisco DNA Center.	LI configuration or automation of automation of automation of automatic of the configuration	on through Cisco DNA Cent or both manual/CLI configura		 ✓ ③ ✓ ③ ✓ ⑤ ✓ ⑤ ✓ ⑤ ✓ ⑤

The <u>Cisco DNA Expansion Pack</u> is a flexible way to purchase Cisco Spaces, Secure Network Analytics (Stealthwatch), ThousandEyes and other licenses, appliances, and services in one convenient bundle. Enhance your Cisco networking solutions such as SD-Access, Zero Trust solutions, Encrypted Traffic Analytics (ETA), location analytics, and assurance. You can add the pack to your Cisco DNA software licenses and choose the license count that fits your needs. For more details, <u>contact</u> a Cisco sales or Cisco registered partner.

Optional

Optional

⊕ Does not require Cisco DNA Center.

in Cisco DNA Center.

Software Support Service in the subscription software stack includes 24-hour TAC support and software updates and upgrades

duration is lifespan of hardware product; OS software updates and upgrades.

Smart Net Total Care, 24-hour hardware and network software stack support provided by TAC.

^{*} Not supported on all platforms.

^{**} Each Catalyst 9300 or 9400 Cisco DNA Advantage subscription entitles the customer to run up to a maximum of 110,000 units per month of ThousandEyes test capacity per Customer Organization, regardless of the number of purchased Cisco DNA Advantage licenses. ThousandEyes Cloud Agent access is not included in the Cisco DNA license entitlement. Test capacity can be increased and Cloud Agents accessed with purchase of additional ThousandEyes Network and Application Synthetics. The Cisco DNA license entitlements will ONLY be provisioned in Customer Organizations on the legacy metered billing model are ineligible. "Customer Organization" means Customer India its Affiliates as defined in the Cisco DNA Advantage license holders.

means Customer and its Affiliates (as defined in the Cisco End User Dicense Wayred ment) collectively who are Cisco DNA Advantage license holders.

*** Supported on Network Advantage from Cisco IOS XE Fuji 16.9.7 onwards. Prior to Cisco IOS Fuji XE 16.9.7, Cisco DNA Advantage is also required.