o ەنيوكتو HyperFlex تيبثت - Cisco Intersight منيوكتو VMware ESXi ىلع ەرشنو

تايوتحملا

ەمدقملا

ةينقت Sisco Intersight، ةرادإ ريفوت لالخ نم تانايبلا زكارم تايلمع طيسبت ىلع لمعت Cisco Intersight، قينقت ةيساسألا ىنبلا نم تاعومجم ىلع ظافحلا ىلإ ةجاحلا ليلقت ىلع لمعي امم ،ةمدخك ةمظنألا .ةيلحملا ةرادإلل

رفوي Cisco HyperFlex — HX Edge تاعومجم تيبثتل تيبثت جلاعم Cisco Intersight رفوي ةعومجملا ماظنل قبسم نيوكت فيرعت ءاشناب جلاعملا موقي .اهرشنو اهنيوكتو ةلصتملا HX دقعل ايقطنم اليثمت فيرعتلا اذه ربتعي .HX ةعومجم ماظن فيرعت فلم ىمسي كيدل -نمضتيو HX ةعومجم يف

- **Security** جمانرب ةعومجمل دامتعالا تانايب WM مكحتلا ةدحو رورم ةملك لثم HyperFlex جمانرب ةعومجمل دامتعالا تاناي VM جمانرب مدختسم مساو.
- · كُلدْ يلا امو ةتباثلاً جماربلاو مداخلاً تَأْبِلطتُمَ **ةَيْءِمَتْلاً** •
- .كلذ ىلإ امو ،ةيضارتڧالا ةكبشلاو مداخلا ةكبش —**لاصتالا**

ةلصتملا HyperFlex تاعومجم رشن ةيفيك حضوت ةشاش ةطقلو تاوطخ دنتسملا اذه مدقي جمانرب مادختساب ةيساسألا ةينبلاب

ةيساسألا تابلطتملا

تابلطتملا

HX ل ةيساسألا ةينبلاب ةلصتملا تاعاطقلا رشن تايلمعل ةموعدملا تارادصإلا

ر ادص إل ا/ر ادص إل ا

زارطلا HX220C-M4S HXAF220C-M4S HX240C-M4SX

نوكم

M5 و M4 مداوخ

HXAF240C-M4S زارطل HX220C-M5SX HXAF220C-M5SX زارطل HX240C-M5SX HXAF240C-M5SX

زاهجلا لصوم

Cisco Intersight ةطساوب ةيئاق لتالا ةيقر تالا تمت

Intersight لاصتا

-تاروظنملا نيب لاصتالاب ةقلعتملا ةيلاتلا ةيساسألا تابلطتملا يف رظنلا

- حيحص لكشب قفاوتملا UCS Manager ليثم ىلع **زامجلا لصوم** نيوكت نم دكأت ب لاصتالل.
- حمستو حيحص لكشب SVC.ucs-connect.com تالاصتا زامجلا تالصوم عيمج لحت نأ بجي 1443. ذفنملا يلع جراخلل امؤدب مت يتلا HTTPS تالاصتاب
- رادصإ معدي HTTP، بانثتساب HTTP، ليكو مادختسإ (28)3.5 ىتح HyperFlex Installer رادص معدي عنصملا نم اديدج سيلو ةعومجملا ماظن رشن ةداعا اهيف متي يتلاا.
- لحب مكحتلا ةدحوب (VM) ةيرهاظلا ةزهجألا ةرادا تاهجاو عيمج موقت نأ بجي جراخلل اهؤدب مت يتلا HTTPS تالاصتاب حامسلاو حيحص لكشب download.intersight.com تالاصتاب حامسلاو حيحص لكشب HTTPS مدع قلاح يف HTTP ليكو مادختسا HX Installer نم يلاحلا رادصإلا معدي .443 ذفنملا ىلع ماظن رشن ةداعا اهيف متي يتلا تالاحلا ءانثتساب ،تنرتنإلاب رشابملا لاصتالا رفوت .
- لا حنم VCenter فيضمو HX مكحتالا ةدحو ةكبشو دوصقمالا ESX مداخ ىلإ لوصولا بجي UCS. قيجيسنالا تاطابترالا قرادإ تاهجاو
- مكحت ةدحو دوجو Intersight Installer جمانرب بلطتي ال ،HXDP نم (2a) 3.5 رادصإلاا نم اءدب ا**لباق بلطتملا اذه لظيس ،كلذ عمو** .HyperFlex مداوخ ىلع عنصملا يف ةتبثم VM مداوخ عيمج رشن نكمي **.HTTP ليكو لالخ نم Intersight ب لاصتالا ناك اذإ قيبطتلل** HTTP ليكو مادختساب يه امك ةديدجلا

ىرخألا تابلطتملا

<u>جماربلا تابلطتم</u> <u>قيداملا تابلطتملا</u>

<u>ةكبشلا تابلطتم</u>

<u>ذفنملا تابلطتم</u>

<u>رشنلا تامولعم</u>

ةمدختسملا تانوكملا

- Cisco Intersight
- Cisco UCSM
- Cisco نم HX مداوخ •
- Cisco HyperFlex
- VMWare ESXi

• vCenter نم VMware

نيوكتلا

ةكبشلل يطيطختلا مسرلا

• نيمضتب HyperFlex تاعومجم رشنل ةلەس ةقيرط HyperFlex رفوي HyperFlex تاعومجم رشنل الدص العيمج يف Installer دادص



نيوكتلا تاوطخ

-هاندأ حضوم وه امك مدختسملا باسح ددحو Cisco Intersight ىلإ لوخدلا ليجستب مق **.1 ةوطخلا**



نميألاا ءزجلاا يف **ةزهجألاا** بيوبتلاا ةمالع قوف رقنا تامولعملاا ةحول يف .2 **ةوطخلا**.



ديدج زامجب ةبلاطملا قوف رقنا ،ةزهجألاا تحت **.3 ةوطخلا**

☆

≡	cisco Intersight	Device						🗘 🖬 12	A 11 🛛 🗹		⑦ Avinash S	Shukla 🔬
<u>00o</u>	Dashboards	📰 Ne	w feature:	s have recently been add	ded! Learn More							×
											Claim a New	Device
\$	HyperFlex Clusters											
모	Fabric Interconnects			Search Hyperflex ×	Search				0 items found	10 v per page	K < 0 of 0 > >	
6	Service Profiles		Name		Status 🗘	Туре	Device IP		Device ID		Claimed By	
ß	Policies											
ŵ	Devices											
											[K] < 0 of 0	

ىل الوخدل اليجست **.4 ةوطخلا** UCS Manager، ىلع رقنا .**زامجلا لصوم <- Admin ك**ىل حفصتلاو ،UCS Manager كى المارك المراحي المارك المراحي المارك المراحي المارك المراحي ال

-	ΔΙΙ	All / Device Connector			
m					
	LAN Cloud				
	SAN Cloud				
윦		Intersight Management	Settings	×	
	Time Zone Management	intersignt munagement			
.	Canability Catalog	Enabled	General	Proxy Configuration Certificate Manager	
ē	Adaptors				SSI201001PJ 📑
Y	Plade Concern	When this option is enabled, you can e	Access Mode		
=	CPUe	of Cisco Intersight.	Read-only		1.00
	Chose	If disabled, no communication will be	Allow Control		
	Chassis	allowed to Cisco Intersight.	0		
	Coprocessor Cards				
-0	Crypto Cards				
	Fan Modules				
	GPU Cards				
	IO Modules				
	Local Disks				
	Memory Units				
	Mini Storage				
	PSUs			Cancel Ok	
	Rack-Mount Servers				
	Storage Controllers				
	 License Management 				
	Device Connector				
æ	All	All / Device Connector			
	· Internet Law				
-	LAN Cloud				
	SAN Cloud				
윪	▶ root 🙆		Settings	×	73 Settions
_	Time Zone Management				
-	 Capability Catalog 	Enabled	General		
	Adaptoro		-	Proxy Configuration Certificate Manager	
-	Adapters		UTTRE Dates	Proxy Configuration Certificate Manager	SSI201001PJ 🖪
	Blade Servers	When this option is enabled, you can o this system and leverage the capabilit	HTTPS Proxy	Proxy Configuration Certificate Manager Enabled	SSI201001PJ 🔹
=	Blade Servers CPUs	When this option is enabled, you can o this system and leverage the capabilit of Cisco Intersight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port *	SSI201001PJ 🖪
=	Blade Servers CPUs Chassis	When this option is enabled, you can a this system and leverage the capabilit of Claco Intersight. If disabled, no communication will be	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ 🖪
	Pudapuers Blade Servers CPUs Chassis Coprocessor Cards	When this option is enabled, you can a this system and leverage the capabilit of Cisco Intensight. If disabled, no communication will be allowed to Cisco Intensight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ 🖪
	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ 🖪
≡ ■ ♪₀	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ 🖪
= = *0	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ 🖪
≡ ⊒ ♪₀	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ E
= 10	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards IO Modules	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ E
= = *	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards IO Modules Local Disks	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight.	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ E
= 10	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards IO Modules Local Disks Memory Units Mini Stranee	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight. Agent Ventor	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ E
≡ ≡ J₀	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards IO Modules Local Disks Memory Units Mini Storage	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight. Agent Ventor	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080	SSI201001PJ E
≡ ⊒ ♪₀	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards IO Modules Local Disks Memory Units Mini Storage PSUs Deak Meret Forume	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight. Agent Ventor	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080 Cancel Ok	SSI201001PJ E
■ 1 0	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards IO Modules Local Disks Memory Units Mini Storage PSUs Rack-Mount Servers	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight. Agent Version	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080 Cancel Ok	SSI201001PJ E
≡ ≱₀	Blade Servers CPUs Chassis Coprocessor Cards Crypto Cards Fan Modules GPU Cards IO Modules Local Disks Memory Units Mini Storage PSUs Rack-Mount Servers Storage Controllers	When this option is enabled, you can a this system and leverage the capability of Cisco Intersight. If disabled, no communication will be allowed to Cisco Intersight. Agent Version	HTTPS Proxy Proxy Hostname/IP *	Proxy Configuration Certificate Manager Enabled Proxy Port * 8080 Cancel Ok	SSI201001PJ 🖻

رز نيكمتب مق .زامجلا لصوم <- Admin ىلإ لوصولل ضرعتسا ،UCS Manager يف .5 ةوطخلا .ةبلاطملا زمرو زامجلا فرعم ىلع لصحاو Intersight Management ليدبتلا



ىلع **.6 قوطخل**ا يف طقتلملاا) **زامجلا فرعم**و **ةبلاطملا زمر** مدختساً ،Intersight ىلع **.6 قوطخلا** لا نآلا .زامجلاب قبلاطملل.

≡	cisco Intersight	Device Claim	٩	🖬 35 🔺 12	Ø	Q,	۲	0	Avinash Shukla 🚨
<u>00.</u>	Dashboards	New features have recently been added! Learn More							×
8	Servers								
\$	HyperFlex Clusters								
Ŧ	Fabric Interconnects								
6	Service Profiles								
1	Policies								
Ŷ	Devices		Claim a New Device To claim your device, you must have the Device ID and Claim Cod Device ID * SSI	je.					

نم اضيأ ققحت .**"بولطم"**و **"لصتم"** ديدجلا لاجملا ضرع ديكأتل ةزهجألا تحت ققحت **.7 ةوطخلا** UCSM CLI و UCSM مدختسم ةهجاو قالطإل رايخلا نآلا كيدل نأ

<u>00o</u>	Dashboards							<u> </u>	laim a New D	Device
8	Servers									
\$	HyperFlex Clusters	Q Search				13 items found	12 v per page	K < _ of		
Ŧ	Fabric Interconnects	Name	Status 🗘	Туре 🗘	Device IP	Device ID		Claimed By		
6	Service Profiles		Connected	UCS Domain		ss	1PJ	rahuku@ciacu		
1	Policies							K	Launch L	JCSM
ធ	Devices								Launch (CLI
Ť										

HyperFlex ةعومجم ماظن فيرعت فلم ءاشنإ ىلع رقنا ،ةمدخلا فيرعت تافلم تحت .8 ةوطخلا



،ةيلاتان اتاوطخلا مادختساب ةمدخلا فيرعت فلم نيوكتب مق **.9 ةوطخلا**

ةماع ماەم

≡	cisco Intersight	Create HyperFlex Cluster Profile		Ç	5 🔺 11				Avinash Shukla
<u>00o</u>	Dashboards		Prior to creating a HyperFlex Cluster profile, ensure that installation instantiation in the second seco	you go through the pre-ir	nstallation checklist	and the det	ailed HyperF		
		General	Installation Instructions, here						
\$	HyperFlex Clusters		HX-2 ©						
무	Fabric Interconnects	 Cluster Configuration 							
6	Service Profiles	Nodes Assignment	HyperFlex Data Platform Version 3,5(2a)						
1									
ø	Devices	 Nodes Configuration 	Type O						
			Cisco HyperFlex Edge Cisco HyperFlex with Fabric I	nterconnect 3					
		Summary	A contractor of the second						
		Results	Description 5						
			1.42						
			Add Tag						
		Cancel						N	ext

نامألا - ةعومجملا ماظن نيوكت

≡	cisco Intersight	Create HyperFlex Cluster Profile	Q 🖬 5 🔺 11 🕑 🧠 🤤	O Avinash Shukla
<u>00o</u>	Dashboards			
8	Servers	General	— Security 🛆	
\$	HyperFlex Clusters		Hypervisor Admin *	
₽		Cluster Configuration	<u>root 1 0</u>	
6	Service Profiles	 Nodes Assignment 		
1	Policies		The hypervisor on this node uses the factory default password	
ø	Devices	 Nodes Configuration 	Hypervisor Password * Hypervisor Password Contirmation *	© 0 2
		Summary Results	Controller VM Admin Password * Controller VM Admin Password Confirmation *	@ 0 3
			+ DNS, NTP and Timezone	
			+ vCenter (optional)	
			+ Storage Configuration (optional)	
			+ Auto Support (optional)	

ةينمزلا ةقطنملاو NTP و DNS - ةعومجملا ماظن نيوكت

≡	cisco Intersight	Create HyperFlex Cluster Profile	C 🖬 5 🔺 11 🛛 C	O Avina	ish Shukla
<u>allo</u>	Dashboards				
		General	+ Security ⊘	hx-2-local-credential-policy	
æ	HyperFlex Clusters		- DNS, NTP and Timezone		
무	Fabric Interconnects	Cluster Configuration	Timezone * DNS Suffix		
6	Service Profiles	 Nodes Assignment 	America/Vancouver 1 v © sjs.local	<mark>2</mark> o	
1	Policies		01/0 General 1970 General		
Ø		 Nodes Configuration 	172.111111 3 0 1 172.111111	<u>4</u> ∘ +	
		Summary	- DNS Servers * @ = + \$		
		Results	+ vCenter (optional)		
			+ Storage Configuration (optional)		
			+ Auto Support (optional)		
			+ IP & Hostname		

vCenter زكرم نيوكت - ةعومجملا نيوكت

≡	cisco Intersight	Create HyperFlex Cluster Profile	Q ■5 ▲ 11 ☑ Q, ©	⑦ Avin	ash Shukla
<u>00o</u>	Dashboards		+ Security 🛛 hx-2-loc	al-credential-policy	
8	Servers	General	+ DNS, NTP and Timezone	2-sys-config-policy	
\$	HyperFlex Clusters		— vCenter (optional)		
무	Fabric Interconnects	Cluster Configuration	vCenter Server FQDN or IP * vCenter Username * vCenter Password *		
Ô	Service Profiles	 Nodes Assignment 	172. 172. 172. 172. 172. 172. 172. 172.	3 👁 0	
1			vCenter Datacenter Name * vCenter Single-Sign-On Server		
Ŵ	Devices	 Nodes Configuration 	Hx-2 4 o (Optional) o		
		 Summary 	+ Storage Configuration (ontional)		
			+ Auto Support (optional)		
		Results	+ IP & Hostname		
			+ UCS Manager Configuration		
			+ Network Configuration		
			+ External FC Storage (optional)		
		Save & Close	Previous	Next	

نيوكتل ةبسنلاب - **:ةظحالم** VCenter. ل يداحألاا لوخدلا ليجست مداخ يطختب ىصوي ،vCenter نيوكتل ةبسنلاب - **:ةظحالم** ،هاندأ 27 دنتسملا ةحفص نم قرقحتلا ىجري

https://www.cisco.com/c/dam/en/us/products/collateral/hyperconverged-infrastructure/hyperflexhx-series/whitepaper-c11-740456.pdf

نيزختلا تادحو ةئيەت - ةعومجملا ةئيەت

≡	cisco Intersight	Create HyperFlex Cluster Profile	🗘 🖬 5 🛦 11 🕞 🔍 🛞 💿 Avinash Shu	ıkla
<u>00o</u>	Dashboards		т авчину 🔾 — — — — — — — — — — — — — — — — — —	
8		General	+ DNS, NTP and Timezone 🖉 hx-2-sys-config-policy 🗐	
å	HyperFlex Clusters		+ vCenter (optional)	
무	Fabric Interconnects	Cluster Configuration	- Storage Configuration (optional)	
6	Service Profiles	 Nodes Assignment 	Logical Availability Zones configuration is recommended for HuperFlex Clusters with 8 or more nodes connected to FI	
۵				
Ŵ	Devices	Nodes Configuration	UDI Optimization ◎ USK Partitions ◎ USK Partitions ◎	
			+ Auto Support (optional)	
		 Summary 	+ IP & Hostname Select Policy	
		Results	+ UCS Manager Configuration	
			+ Network Configuration	
			+ External FC Storage (optional)	
			+ External ISCSI Storage (optional)	U
			+ Proxy Setting (optional)	
		Save & Close	Previous	

يئاقلتلا معدلا - ةعومجملا ماظن نيوكت

≡	cisco Intersight	Create HyperFlex Cluster Profile		🗘 🖬 5 🔺 11	Ø	٩	۲	0	Avinash Shukla
<u>00o</u>	Dashboards								
=		• General	+ Security 🕗				hx-2-local	l-credential-	policy 📋
\$	HyperFlex Clusters		$+$ DNS, NTP and Timezone \oslash				hx-2	-sys-config-	policy 📋
무	Fabric Interconnects	Cluster Configuration	+ vCenter (optional)				hx-2-vce	nter-config-	policy 📋
â	Service Profiles		+ Storage Configuration (optional)				hx-2-clus	ter-storage-	policy 📋
ſ	Policies	 Nodes Assignment 	— Auto Support (optional) 📀						
Ŷ	Devices	Nodes Configuration	1 • Auto-Support () Send Service Tr	cket Notification to					
		Juminary	[+] IP & Hostname						
		Results	+ UCS Manager Configuration						
			+ Network Configuration						
			+ External FC Storage (optional)						
			+ External ISCSI Storage (optional)						
		Save & Close				Previ	ous		

Hostname و IP - ةعومجملا نيوكت

≡	cisco Intersight	Create HyperFlex Cluster Profile		🗘 🖬 5 🔺 11 🖂 🤤 🧔 Avinash Shukla
<u>00o</u>	Dashboards			
88		📍 General	+ Auto Support (optional)	hx-2-auto-support-policy
\$	HyperFlex Clusters		— IP & Hostname ⊘	
Ŧ	Fabric Interconnects	Cluster Configuration	Hostname Prefix *	
â	Service Profiles		hx-2-esxi	
8	Policies	 Nodes Assignment 	Management Network Starting IP *	Management Network Ending IP *
Ŵ		 Nodes Configuration 	172.1	<u>172.1 2 ⊙</u>
		• Summary	Management Network Subnet Mask * 3 C	Management Network Gateway* 4 0
		Results	Controller VM Management Network Starting IP 172.	Controller VM Management Network Ending IP
			Controller VM Management Network Subnet Mask 7 G	Controller VM Management Network Gateway 172.1
		Save & Close		Previous Next

UCSM نيوكت - ةعومجملا نيوكت

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)		Q 🖬 5 🔺 11	C d	۲	⑦ Avinasi	sh Shukla
000	Dashboards							
8		General	+ IP & Hostname			hx-2	-node-config-policy	•
\$	HyperFlex Clusters		- UCS Manager Configuration 🕰					
무	Fabric Interconnects	Cluster Configuration	Server Firmware Version * 4.0(1c) 1					
6	Service Profiles	Nodes Assignment						
1		- House Assignment	MAC Prefix Starting Address * 00:25:B5:AA 2	MAC Prefix Endir 0 00:25:B5:AA	g Address *			
ø	Devices	 Nodes Configuration 						
		Summary	KVM Starting IP * 172.1000000000 4	KVM Ending IP • 0			0	
		Results	KVM Subnet Mask * 255.255.255.0 6	© KVM Gateway 1 172, Gateway 1 Required			0	
			+ Network Configuration					
			+ External FC Storage (optional)					

ةكبشلا - ةعومجملا ماظن نيوكت

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)			ᢕ ॼ 5 ▲ 11 🛛 🖓	٩	0	② Avi	nash Shukla
<u>00o</u>	Dashboards		+ IP & Hostname 👳				nx-2-no	de-contig-polic	y 🗉
8	Servers	General	+ UCS Manager Configuration				hx-2-ucs	sm-config-polic	y 🗊
\$	HyperFlex Clusters		- Network Configuration						
무	Fabric Interconnects	Cluster Configuration	Management Network VLAN Name *		Management Network VLAN I				
6	Service Profiles	 Nodes Assignment 	НХ-МСМТ 1	0	67		2	0	- 1
Ø	Policies		VM Migration VLAN Name *		VM Migration VLAN ID *				
Ø	Devices	 Nodes Configuration 	HX-VMOTION 3	0	4			C	-
		Summary	VM Network VLAN Name * 5	0	VM Network VLAN ID *			+	
		Results	■ Jumbo Frames © 7						
			+ External FC Storage (optional)						6
			+ External ISCSI Storage (optional)						6
			+ Proxy Setting (optional)		-43				
		Save & Close				Previo	us	Next	

(ةيرايتخإ) ةيجراخلا نيزختلا تادحو - ةعومجملا ماظن ةئيهت

ةقطنم ةكبش فرعمو (VSAN) نيزختلا ةقطنم ةكبش مسا ةئبعتب مق ،نيكمتلا قلاح يف يلاوتلا يلع FI B و FI A نم لكل (VSAN) نيزختلا.

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)			🗘 🖪 5 🔺 11						sh Shukla
<u>00o</u>	Dashboards		+ Storage Configuration (optional)					hx-2-clu	ster-storage	e-policy	
		General	+ Auto Support (optional)					hx-2-a	uto-support	t-policy	
\$	HyperFlex Clusters		+ IP & Hostname 🥝					hx-2-	node-config	policy	
무	Fabric Interconnects	Cluster Configuration	+ UCS Manager Configuration					hx-2-u	icsm-config	g-policy	
6	Service Profiles	 Nodes Assignment 	+ Network Configuration					hx-2-clus	ter-network	k-policy	
ſ			- External FC Storage (optional)								
Ŷ	Devices	 Nodes Configuration 	Enable FC Storage 💿 Enables or disables external FC stora								
		Summary	VSAN A Name *	0	VSAN A ID *					0	
		Results									
			VSAN B Name *	0	VSAN B ID *					0	
			WWxN Range Starting Address *		WWxN Range Ending	Address *					
			20:00:00:25:85:		20:00:00:25:85:						
							Prev	ious		Next	

(يرايتخإ) ليكولا دادعإ - ةعومجملا ماظن نيوكت

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)		C S ▲ 11 🖂 Q 💮 Ø Avinash Shuki
<u>00o</u>	Dashboards			
8	Servers	• General	+ Auto Support (optional)	hx-2-auto-support-policy 🔢
\$	HyperFlex Clusters		+ IP & Hostname 🧭	hx-2-node-config-policy
모	Fabric Interconnects	Cluster Configuration	+ UCS Manager Configuration 🔗	hx-2-ucsm-config-policy 👔
ß	Service Profiles		+ Network Configuration 🔗	hx-2-cluster-network-policy
6	Doliciae	 Nodes Assignment 	+ External FC Storage (optional)	
			+ External iSCSI Storage (optional)	
Ψ	Devices	Nodes Configuration	– Proxy Setting (optional)	
		Summary	Hostname * Port *	
			8080	O Username O
		Results		
			Password 💿 💿	₽.
			+ HyperFlex Storage Network 🥝	
		Save & Close		Previous

HyperFlex نيزختلا ةكبش - ةعومجملا نيوكت

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)		Q 🖬 5 🔺 11	ß	Q,	0	0	Avinash Shukla
<u>00o</u>	Dashboards								
8		General	+ vCenter (optional)				hx-2-vcer	nter-config-p	policy 🗐
-	HyperFlex Clusters		+ Storage Configuration (optional)				hx-2-clust	er-storage-p	policy 🗐
Ŧ	Fabric Interconnects	Cluster Configuration	+ Auto Support (optional)				hx-2-au	to-support-p	policy 🗐
តា	Service Profiles		+ IP & Hostname				hx-2-n	ode-config-p	policy 🗐
ß	Policies	 Nodes Assignment 	+ UCS Manager Configuration 🥝				hx-2-uc	sm-config-p	policy 📋
- 	Devices	 Nodes Configuration 	+ Network Configuration	b			hx-2-clust	er-network-p	policy 📋
			+ External FC Storage (optional)						
		Summary	+ External ISCSI Storage (optional)						
			+ Proxy Setting (optional)				hx-2-pro	xy-setting-p	policy 🗐
		Results	— HyperFlex Storage Network 🔺						
			Storage Network VLAN Name * S HX-StorageDataNetwork 1 ©	Storage Network VLAN ID * 5 2	<u>o</u>				
		Save & Close			(Previo	us		iext

ةدقعلا نييعت نم ءزجك مداوخلا ددح **.10 ةوطخلا**.

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)		🗘 🖪 5 🔺 11	🖸 🔍 😳 💿 Avinash Shukla
000	Dashboards				
8	Servers	General	Cisco HyperFlex Fabric Interconnect cluster all	ws a minimum of 3 to a maximum of 32 nodes.	
\$	HyperFlex Clusters		Assign Nodes Assign Nodes Later		
무	Fabric Interconnects	 Cluster Configuration 	Show selected(3) Select the r	servers	
6	Service Profiles	Nodes Assignment			
ß	Policies		Q Search	4 items found	10 ∨ per page K K 1 of 1 ≥ ≫ 😳
Ŷ		 Nodes Configuration 	Name Ass	ign Status Model	
			hx-2-ucsm-2 Not	Assigned HX240C-M4SX	
		 Summary 	 hx-2-ucsm-4 Not 	Assigned HX240C-M4SX	
		Results	hx-2-ucsm-3 Not	Assigned HX240C-M4SX	
			hx-2-ucsm-1 Not	Assigned HX240C-M4SX	
			Selected 3 of 4 Show Selected Unselect A		
					Previous

ةيرهاظلا ةزهجألاا ةبقارم جمانربل IP و نيزختلا مكحت ةدحول IP ناونع نيوكت **.11 ةوطخلا** ،**ةدقعلا** نيوكتل **مديكاتو**

=	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)			🗘 🖬 5 🔺 11	₿ d		0	Avinash Shukla			
<u>01o</u>	Dashboards											
	Servers	General	IP & Hostname Settings									
\$	HyperFlex Clusters		Hostname Prefix hx-2-esxi	Management Subnet Mask	255.255.255.0	Management M Gateway	etwork					
₽	Fabric Interconnects	 Cluster Configuration 	Management Network 172. Starting IP	Management Network Ending IP	172.	Controller VM : Mask	lubnet	255.255.255				
â	Service Profiles	Nodes Assignment	Controller VM Gateway 172	Controller VM Starting IP	172.	Controller VM	inding IP					
1	Policies	Houses Assignment										
ø	Devices	Nodes Configuration	Nodes Configuration Above shown IP & Hostname settings were used for nodes configuration auto-complete. You can change con									
		Summary	Cluster Management IP Address * 1	MAC Prefix Address * 2 00:25:B5:AA 2	^{\$}							
		Results	+									
		Save & Close				F	revious		Next			

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)			Q 🛛 5 🔺 11		Avinash Shukla
<u>00o</u>	Dashboards		172.	00:25:85:AA			
8	Servers	General	Nodes (4) Collapse All				
\$	HyperFlex Clusters						
무	Fabric Interconnects	 Cluster Configuration 	- FCH2024V0NC				
â	Service Profiles	Nodes Assignment	Hostname * hx-2-esxi-1	Hypervisor IP *		Storage Controller IP *	。
6	Policies						
ø	Devices	Nodes Configuration	- ECH2045V/BO				
			- FUT2040Y IDQ				
		Summary	Hostname * hx-2-esxi-2	Hypervisor IP *		Storage Controller IP *	
		Results	k				
			- FCH2024V0MN				
			Hostname *	Hypervisor IP *		Storage Controller IP *	
			hx-2-esxi-3	<u> </u>		172.1	
							Next

لامتكا رظتناو مدقتلاا ةلاح صحفو **رشنلاو ةحصلا نم ققحتلا قوف رقنا .12 ةوطخلا** تيبثتلاا.

≡	cisco Intersight	Edit HyperFlex Cluster Profile (HX-2)				Q 🖬 5 🔺 11 🔤	ବ୍ ତ	Avinash Shukla
<u>00o</u>	Dashboards						Churter Profi	la LIV-2 was
8		• General	General				Updated.	Close
\$	HyperFlex Clusters		HyperFlex Cluster Name	HX-2	Assigned Nodes	4	Replication	3
무	Fabric Interconnects	Cluster Configuration	HyperFlex Data Platform Version	3.5(2a)	Address	172	Address	UU.23 D3 AA
6	Service Profiles	Nodes Assignment						
1	Policies							
ø	Devices	 Nodes Configuration 	Cluster Configuration Node	es Configuration	Errors / Warnings			
		Summary	Security		Hypervisor Admi The hypervisor o default password		root Yes	
		 Results 	DNS, NTP and Timezone				America/Vancouver	
			hx-2-sys-config-policy				172.	
		Save & Close				Previous	Validate	Validate & Deploy

تيبثتلا لامتكا رظتناو مدقتلا ةلاح نم ققحت. **13 ةوطخلا**.

General Cluster Configuration	HyperFlex Cluster Name Progress Current Stage	HX-2 67% Cluster deployment	HyperFlex Cluster Type Start Time	FI Mar 9, 2019 9:04 AM	Assigned Nodes Duration	4 17m 17s
 Nodes Assignment 	+ Expand All		≓ All (434	4) In Progress (4) –	Success (428) Failed	(0) Warning (2)
 Nodes Configuration 	— HyperFlex Cluster	нх-2 ⊘	Witness N	lode IP Reachability Che	ck	
Summary	 Witness Nod DNS reachat 	le IP Reachability Check bility				
Results	NTP reachat	bility				
	Controllers n	ot in existing cluster check	< compared with the second sec			
	vCenter Reve	erse Proxy Port check				
	SXi uniform	n version check				
Close						Summary

• General	Cluster HX-2 was created successfully				
Cluster Configuration	HyperFlex Cluster HX-2 Name 100% Progress Cluster creation	HyperFlex Cluster Type Start Time	FI Mar 9, 2019 9:04 AM	Assigned Nodes Duration	4 1h 1m 9s
 Nodes Assignment 	Expand All	芒 All (560) In Progress (0)	Success (558) Failed	(0) Warning (2)
 Nodes Configuration 	+ HyperFlex Cluster HX-2 ⊘	Node disk	summary: e60b7bbb-f86f	-b748-bb5d-5c6d1fdd087c	
• Summary	+ UCS-hx-2-ucsm 🧭	Configurin	g static ip on the specified	I ESXi servers	
Results	+ rack-unit-1 hx-2-esxi-4 (172.16.67.140) 🔗	Host data	subnet check		
	+ rack-unit-2 hx-2-esxi-1 (172.16.67.137) 🛕	Host data	subnet check		
	+ rack-unit-3 hx-2-esxi-3 (172.16.67.139) ⊘	🛛 Host data	subnet check		
	+ rack-unit-4 hx-2-esxi-2 (172.16.67.138) 🛆	Host data	subnet check		
					ОК

يصنلا جمانربلا **ليغشت**و **حيحص**و **لصتم** ةعومجملا ماظن نأ نم ققحتلا ءاجرلا **14. ةوطخلا** post_install.py.

- SSH مادختساب لوخدلا ليجستو ةعومجملا ماظن ةراداب صاخلا IP ناونع ىلإ SSH يتلا VM مكحتلا ةدحو رورم ةملكو مدختسملا مسا (اهقوف امو 4.5 HX) <admin وأ (نود امف .تيبثتلا ءانثأ اهريفوت متي
- Enter: **hx_post_install** لاخدإلا حاتفم طغضاو ،Shell يف يلاتال رمألا قصلا •

ةحصلا نم ققحتلا

ةمدخلا فيرعت تافلم نمض ةمدخلا فيرعت فلم ةلاح نم ققحت **.1 ةوطخلا**.

≡	cisco Intersight	Service	Profiles						۵ ۵	43 🔺 12	ß	9	Ģ	3 0	Avinash	Shukla 🔬
<u>00o</u>	Dashboards	🚺 Nev	v features have r	ecently been added! Lea	rn More											×
8		HyperFl	Flex Cluster Profiles Server Profiles & Create HyperFlex Clus												HyperFlex Cluste	r Profile
\$	HyperFlex Clusters															
모	Fabric Interconnects		ି ବ	Search					General Export 1 items found 10 ∨ per page K I of 1 > I €							
õ	Service Profiles		Name		Туре		Nodes		Stat					pdate		
ſ	Policies								ок				Mar 9,	2019 10:05	АМ	
	Devices] < <u>1</u> of 1	
4																

،ىرخأ ليصافتو HX ةعومجم ماظن **ةمالس** نم دكأت ،**HyperFlex Cluster ماظن** تحت **.2 ةوطخلا**

≡	cisco Intersight	Hyperf	lex Clust	ers					🗘 🖬 39 🖌	12 🗹	۹ 🕲	O Avinash \$	Shukla 🗕
<u>00o</u>	Dashboards	🔲 Ne	New features have recently been added! Learn More										
8	Servers			Search						ems found 11	∽ per page 🔣 🤇		
ŝ	HyperFlex Clusters		Name	• •	Health	Type ‡	HyperFlex 💲	Hypervisor 🛊	Storage Capacity	Storage Utilizat	on Storage Optimiz	Server Nodes	
₽	Fabric Interconnects				Healthy	HyperFlex Hybrid	3.5(2a)	VMware vSphe	20.1	1.0	5 0%		
6	Service Profiles											区 (1 of 1	
1													
Ŷ													

يلي امم ققحت ،فيرعتلا فلم ليصافت ىلإ ضرعتساو HX-2 **مسالا ىلع رقنا .3 ةوطخلا** ،**ليصافتل**ا تحت

- ةعومجملا ماظن ةرادإب صاخلا IP ناونع •
- نيزختلل VLAN ةكبش فرعم •
- لثامتملا خسنلا لماع •
- ةعومجملا ماظن عون •

،نيوكتلا تحت دقعلا ليصافتو تاسايسلا فلتخم نم ققحت

≡	cisco Intersight	HyperFlex Clusters > HX-2		📮 🖪 39 🔺 12	₽ ¢	۲	0	Avinash Shukla 🗕				
<u>00o</u>	Dashboards	New features have recently been added! Learn N	Aore					×				
	Servers	General Profile										
\$	HyperFlex Clusters	Details	Configuration									
무	Fabric Interconnects	Status Ok	Cluster Nodes Results									
6	Service Profiles	Name HX-2	Network Configuration				hx-2-cluste	er-network-policy 🍈				
	Policies Devices	Description HX-2	Security				hx-2-local	credential-policy 🗐				
Ŷ		Last Update Mar 9, 2019 10:05 AM	vCenter				hx-2-vcer	nter-config-policy 🗐				
		Assigned Nodes 4 Cluster Type Cisco HyperFlex with Fabric	Proxy Setting				hx-2-pro	xy-setting-policy 🗐				
		HyperFlex Data Platform Version 3.5(2a)	UCS Manager Configuration				hx-2-uc	sm-config-policy 📶				
		Replication Factor 3	IP & Hostname				hx-2-n	ode-config-policy 🗐				
		Cluster Management IP Address 172.	Auto Support				hx-2-au	to-support-policy 🗐				
		Storage Network VLAN ID 5	Storage Configuration				hx-2-clust	er-storage-policy 📶				
		Storage Network VLAN Name StorageDataN MAC Prefix Address 00:25:85:AA	DNS, NTP and Timezone				hx-2-	sys-config-policy 🗐				

ليصوت .4 قوطخلا HyperFlex ةينقت ىلع HyperFlex تاعومجم نم قالطإلاا ربع HyperFlex ليصوت .4 قوطخلا httpsight، لاصتا نم ةعومجملا ماظن ةلاح نم ققحتو

≡	cisco Intersight	HyperFlex Clusters						🗘 🖬 38 🖌	12	٩	۲	Ø Avinash S	ihukla 🖉	
<u>00o</u>	Dashboards	III Ne	New features have recently been added! Learn More										×	
8	Servers		⊘ Q Search ☐ Export 1 items found 11 v per page K											
\$	HyperFlex Clusters		Name		Health ‡	Type ‡	HyperFlex 🕴	Hypervisor ‡	Storage Capacity	Storage Utilizati		ige Optimiz	Server Nodes	
5	Fabric Interconnects				Healthy	HyperFlex Hybrid	3.5(2a)	VMware vSphe_	20.1	1.05		0*		
6	Service Profiles												Launch HyperFlex C	onnect
1												Ľ		
ŵ	Devices													

· ·		https://intersight.com/nx/starget=5063e4	1506172612031aa563a&scope=11x	(-3.5.2d#/clusters/1		×		
=	сіясо Нуре	rFlex Connect		HX-2		Ω <mark>∞</mark> 2 ₿ Ø ₽		
Θ	\oslash	OPERATIONAL STATUS Online						
↓	-∕∕~•	RESILIENCY HEALTH Healthy ①			✓ 1 Node failure can be tolerated			
Î	Ð	сарасіту 20.1 тв	1.0% 195.9 GB Used	19.9 TB Free	STORAGE Storage optimization, com OPTIMIZATION usage.	pression and deduplication ratios will be ufficient information regarding cluster		

ةمجرتاا مذه لوح

تمجرت Cisco تايان تايانق تال نم قعومجم مادختساب دنتسمل اذه Cisco تمجرت ملاعل العامي عيمج يف نيم دختسمل لمعد يوتحم ميدقت لقيرشبل و امك ققيقد نوكت نل قيل قمجرت لضفاً نأ قظعالم يجرُي .قصاخل امهتغلب Cisco ياخت .فرتحم مجرتم اممدقي يتل القيفارت عال قمجرت اعم ل احل اوه يل إ أم اد عوجرل اب يصوُتو تامجرت الاذة ققد نع اهتي لوئسم Systems الما يا إ أم الا عنه يل الان الانتيام الال الانتيال الانت الما