# ةدتمملا HyperFlex تاعومجم رشن ليلد

# تايوتحملا

# ەمدقملا

يبناج الك لمعي .ايفارغج ةعزوم دقع تاذ ةدحاو ةعومجم نع ةرابع ةدتمملا HyperFlex ةعومجم تانايب خسن متيو .مدختسملاب ةصاخ ةنيعم ةيضارتفا ةزهجأل يساسأ رصنعك ةعومجملا نم ةدتمملا تاعومجملا كنكمت .رخآلا عقوملا ىلع نمازتم لكشب هذه ةيضارتفالا ةزهجألا نوكت ام ةداع .لماكلاب ضفخنيس عقاوملا دحأ ناك نإو ىتح اهلمكأب ةعومجملا ىلإ لوصولا .

ةعومجم كل حيتت HyperFlex المحأل طشن ثراوكلا بنجت لح رشن ةيناكمإ ةدتممل HyperFlex المعومجم كل حيتت (رفص هبش ةداعتسالل ينمزلا فدهلا) قئاف لمع تقو بلطتت يتلا ماهملل ةيويحلا لمعلا (رفص دادرتسالا اقطقن فده) تانايبلا دقف مدعو.

# ةيساسألا تابلطتملا

# تابلطتملا

- HX 240) وأ (HX 220 M5 عيمج) M5 تازارط سفن نم ةعومجملا يف دقعلا عيمج نوكت نأ بجي M5)
- حئارشلا تاعومجم يف طقف M5 ةدقع معد متي •
- ESXi HX ةيساسألا ةمطنألا ىلع طقف ةدتمملا تاعومجملاً معد متي •
- ىندأ دحك نيتدقع ىلع عقوم لك يوتحي نأ بجي •
- ةەباشتم نيتعومجملا الك ىلع ةمدختسملا VLAN تاكبش عيمج نوكت نأ بجي •
- "دوهش" نم يرهاظ زاهج دوجو عستملا ةعومجملا ماظن نيوكت بلطتي •
- تس نم نوكم عاطقل ةبولطم نوكت يتلا IP نيوانع ددع سفن دادتمالا تاعومجم بلطتت طاقن
- دتمم ةعومجم ماظنل vCenter نم طقف دحاو ليثم مادختسإ متي •

ةعومجملا ماظن لمعي يكل HA و DRS تاينقتب دوزملا vCenter جمانرب رفوت مزلي • حيحص لكشب ةدتمملا

# ةمدختسملا تانوكملا

- HX تبثم •
- Cisco نم HX M5 مداوخ •
- VMWare vCenter
- Cisco UCSM
- VMWare ESXi

# ىرخألا تابلطتملا

- <u>قبسملا تيبثتلا نم ققحتلا قمئاق</u> •
- <u>دوەشلل يرەاظلا زاەجلا رشن</u> •
- <u>VM دەاشلا رورم ةملك رېيغت</u> •

# نيوكتلا

# ةكبشلل يطيطختلا مسرلا



# تانيوكتلا

ريس .ةدحاو HX تيبثت ةادأ نم ةدتمم ةعومجمب ةصاخلا نيوكتلا تايلمع ةفاك ءارجإ متيس ەاندأ حضوم وہ امك عسوملا ةعومجملا ماظن تيبثت تاوطخل لمعلا:



# A عقوملا نيوكت

اذإ .ةعومجملا ماظن نيوكت ءدبل هل صصخملا HX تبثم ىلإ لوخدلا ليجستب مق **.1 ةوطخلا** ددحو هالعأ طيرشلا يف ةلجعلا ىلع رقنا ةقباسلا تيبثتلا ةلاح رهظي لازي ال تبثملا ناك (ديدحت)<— **ةعومجم ماظن ءاشنإ**<— **لمع ريس ديدحت** يف .ديدج تيبثت عدبل ديدج نم عدب .

 cisco	HyperFlex Installer	0	0	•	<b>¢</b> ~
	Workflow				
Selec	t a Workflow				
		*			
	Create Cluster     Expand Cluster       Standard Cluster     Edge Cluster       Stretch Cluster     Stretch Cluster				
Advar	iced Option 🛯 🔒 I know what I'm doing, let me customize my workflow				

### مث .**عقوملا مسا** يف D**Dو UCSM دامتعا تانايب** لخدأ عقوملا نيوكت لمع ريس يف **.2 ةوطخلا** .**قعباتم** قوف رقنا

cisco	HyperFlex Installer			0				₿~
	Credentials	Server Selection	UCSM Configuration		Hyper	visor Config	uration	
(i) •	To setup stretch cluster you have to Run the "Configure Site" workflow Download and deploy the Witnes the stretch cluster. Run the "Create Stretch Cluster" v Configure Site Credentials for the UCS Manager Host Name UCS Manager FQDN or IP address Site Name	v once for each site. s VM, per the user documentation. Provide th workflow, after both sites have been configur reate Stretch Cluster his Site UCS Manager User Name admin	he IP address of the Witness VM when you create red. Password	Con	figuration configu	rag and dro rration files i	p here or	*
	DC1				< Back		Continue	

**ةعباتم** قوف رقناو ردصملا مداوخلا ددح ،مداخلا ديدحت يف **.3 ةوطخلا** 

.ı ı.ı ı cısco	' HyperF	lex Installer					0	0	8	ø	<b>\$</b> ~
	Cree	dentials	s	erver Selection	UCSM	Configuration		Нуре	rvisor Config	uration	
S	erver Selection Select Nodes fo Unassociated (3	n or this site. ) Associated (6)			Configure Server Ports	Refresh	Co	nfiguration dentials	n		*
	<del>ب</del> ن 🗸	Server Name 🗠	Status	Model	Serial	Actions	UCS	Manager Host	Name	d	admin
	<b>v</b> (0)	Server 7	unassociated	HX220C-M5SX		none	Site	Name			DC1
		Server 8	unassociated	HX220C-M5SX		none					
		Server 9	unassociated	HX220C-M5SX		none					
								< Back		Continue	

،ةلاحلا هذه يف .**مسا VLAN id و VLAN id ل**ا مسق لخدي **ليكشت UCSM لا تحت .4 ةوطخلا** 

### "ةعباتم" قوف رقنا .CIMC ل **يلخادلا قاطنلا** انمدختسإ

Credentials		Server Selection	UCSM Co	nfiguration	Hypervis	or Configuration	
LAN Configuration					Configuration		
AN for Hypervisor and Hyp	vLAN ID	VLAN for HyperFlex	storage traffic		Credentials		
hx-inband-mgmt-Pod-6	222	thx-storage-data-	Pod-6 3099	٢	UCS Manager Host Na UCS Manager User Na	me dm-j-fi-2	.cisco.cor adm
LAN for VM vMotion		VLAN for VM Netwo	rk		Site Name Admin User name		Di ro
AN Name	VLAN ID	VLAN Name	VLAN ID(s)		Server Selection		
nx-vmotion-Pod-6	3093	vim-network-Pod-	6 3094		Server 8	7.602	120C-M5
IAC Pool					Server 7	/ HX2	120C-M5
AC Pool Prefix					UCSM Configuration	•	
00:25:85:06					VLAN Name	hx-inband-m	gmt-Poo
					VLAN ID		-
					VLAN Name	hx-storage-d	data-Po
IP Pool for Cisco IN	AC .				VLAN ID		3
Blocks	Subnet Ma	sk	Gateway		VLAN Name	hx-vmo	tion-Po
	255.25	5.254.0			VLAN ID		3
					VLAN Name	vm-neb/	vork-Po
					VLAN ID(s)		3
sco IMC access man	agement (Out of band	or Inband)			MAC Pool Prefix	0	0:25:8
0					IP Blocks		
Out of band 💿	In band 0				Subnet Mask	255	255.2
					Gateway		
AN for inband Cisco	IMC connectivity				VLAN Name	hx-inband-c	Jimc-P
N Name	VLAN ID				VLAN ID		
- inhand sime Red P	000				UCS Server Firmware	rersion	3
x-inband+cimc+Pod+o	222	ĕ			HyperFlex Cluster Nan	te dm-	9-800-0
					Org Name		HX-P
SCSI Storage					isc5i Storage	b	
					VLAN A Name	tox-exit-stor	age is
C Storage					VLAN B Name	hx-ext-stor.	age-is
- storeBr					PC Storage		
					WWXN Pool	20:00	):00:25
lvanced					VSAN A Name	hx-ext-st	torage
Server Firmware Version	HyperFlex	Cluster Name	Org Name		VSAN B Name	hx-ext-st	orage

مث .ةبولطملا تامولعملا عيمج ريفوت متي ،**Hypervisor جمانرب نيوكت** مسق يف **.5 ةوطخلا** عقوملا نيوكت ءدبل **عقوملا نيوكت** قوف رقنا

sco HyperFlex Ins	staller			0 0	0	0	0
Credentials		Server Selection	UCSM Configuration	Hype	rvisor Configur	ation	
VLAN Configuration				Configuratio	n		*
VLAN for Hypervisor and Hy	perFlex management	VLAN for HyperFlex st	torage traffic	Credentials			
VLAN Name	VLAN ID	VLAN Name	VLAN ID	UCS Manager Host	Name 📕		
hx-inband-mgmt-Pod-6	222 3	hx-storage-data-Po	d-6 3099 ©	UCS Manager User	Name		admin
				Site Name			DC1
VLAN for VM vMotion		VLAN for VM Network		Admin User name			root
VLAN Name	VLAN ID	VLAN Name	VLAN ID(s)	Server Selection			
hx-vmotion-Pod-6	3093 0	vm-network-Pod-6	3094	Server 8		/ HX2200	c-MSSX
				Server 9		/ HX2200	C-M55X
				Server 7		/ HX2200	C-M55X
MAC Pool				UCSM Configura	tion		
MAC Pool Prefix				VLAN Name	hx-inb	and-mem	t-Pod-6
00:25:85:06				VLAN ID			222
				VLAN Name	hx-st	orage-data	a-Pod-6
Ind ID Deal for Class II				VLAN ID			3099
Thx TP Pool for Cisco II	VIC			VLAN Name		1x-vmotion	1-Pod-6
IP Blocks	Subnet Mask	Ga	ibeway	VLAN ID			3093
	255.255.2	54.0		VLAN Name	v	m-network	-Pod-6
				VLAN ID(s)			3094
Cisco IMC access man	agement (Out of band or	r Inhand)		MAC Pool Prefix		00:25	5:85:06
cisco inic access man	agement (out of band of	( muanu)		IP Blocks		_	
Out of band 💿	<ul> <li>In band iii</li> </ul>			Subnet Mask		255.25	5.254.0
				Gateway			
				VLAN Name	hos-in	iband-cime	-Pod-6
VLAN for inband Cisco	IMC connectivity			VLAN ID			222
VLAN Name	VLAN ID			UCS Server Firmwa	ine Version		3.2(3)
hx-inband-cimc-Pod-6	222	0		HyperFlex Cluster	Name	dm-j-ha	edus-6
				Org Name		HX	POD-6
SIECE Electore				iSCSI Storage			false
/ ISCSI Storage				VLAN A Name	ho-e	sxt-storage	-iscsi-a
				VLAN B Name	hx-e	sx-storage	-iscsi-b
> FC Storage				FC Storage			false
				WWXN Pool		20:00:00	25:85:
Advanced				VSAN A Name	ho	x-ext-stora	ge-fc-a
UCS Server Firmware Version	HyperFlex Clu	uster Name Or	g Name	VSAN B Name	hu	ĸ-ext-stora	ge-fc-b
3.2(3) • 0	dm-j-hx-c	lus-6	HX-POD-6				
				< Back	c	ontinue	

.**عقوملل** ةيضارتفالا ةزهجألا ةبقارم **جمانرب** نيوكت **حاجن** نم دكأت **.6 ةوطخلا** 

#### disco HyperFlex Installer



# ب عقوملا نيوكت

.هاندأ حضوم وه امك B **عقوملا** نيوكت ءاشنإل **عقوملا نيوكت** ددحو **ةلجعلا** قوف رقنا **.1 ةوطخلا** 

:	ılı.ılı. cısco	HyperFlex Installer				0	0	0	Ø	¢ ~	
				Progress				Configur	re Site		
	$\sim$		0	0		Conf	iguration	Create S	tretch Clus	ter	
	0-	$\odot$	$\odot$	$\bigcirc$				Log Out	(root)		
	Start	Config Installer	Validations	UCSM Configuration	Hypervisor Configuration	Crede	ntials				J

مسا يف DC فدەلا UCSM دامتعا تانايب لخدأ **عقوملا** لمع ريس **نيوكت** يف **2 ةوطخلا قعباتم** قوف رقنا مث عقوملا.

 cisco	HyperFlex Installer			0			9	<b>\$</b> ~
	Credentials	Server Selection	UCSM Configuration		Нуре	rvisor Config	uration	
(j	To setup stretch cluster you have to • Run the "Configure Site" workflow o • Download and deploy the Witness V the stretch cluster. • Run the "Create Stretch Cluster" woi Configure Site Create UCS Manager Credentials for this	nce for each site. M, per the user documentation. Provide the IF rkflow, after both sites have been configured. te Stretch Cluster	P address of the Witness VM when you create	Con	figuration	n		*
	UCS Manager Host Name	UCS Manager User Name	Password					
		admin	••••••					
	Site Name							
	DC2							

### **ةعباتم** قوف رقناو ردصملا مداوخلا ددح ،مداخلا ديدحت يف **.3 ةوطخلا**

riļi. Cis	ılı. co	HyperF	lex Installer					0			Ø	<b>¢</b> ~
		Cre	dentials	S	erver Selection	UCSM	Configuration		Нуре	rvisor Conf	iguration	
	Serve	r Selectio	n			Configure Server Ports	Refresh	Cor	nfiguratio	n		*
	Sel Una	ssociated (9	or this site. ) Associated (0)					Cree	lentials			
		-ò-	Server Name	Status	Model	Serial	Actions	UCS	Manager Host	Name	dm-j-fi-3.ci	sco.com
		() ()	Server 1	unassociated	HX220C-M5SX	_	none	UCS	Manager User Name	Name		admin DC2
		0	Server 2	unassociated	HX220C-M5SX		none	Serv	er Selection			
		0	Server 3	unassociated	HX220C-M5SX		none	Serv	er 1		/ HX220	C-M5SX
		00	Server 4	unassociated	HX220C-M5SX		none	Serv	er 2 er 3		/ HX220	C-M5SX
	$\cap$	(0))	Server 5	unassociated	HX220C-M5SX		none					

،ةلااحلا هذه يف .**مسا VLAN و VLAN id ا** مسق لخدي **ليكشت UCSM ال** تحت **.4 ةوطخلا** "ةعباتم" قوف رقنا .CIMC ل **يلخادلا قاطنلا** انمدختسإ

disilis HyperFlex Installer			0 0	0 0	
Credentials	Server Selection	UCSM Configuration	Нург	ervisor Configuration	
VLAN Configuration VLAN for Hypervisor and HyperFlex manage VLAN Name VLAN ID hx-inband-mgmt 222	ement VLAN for HyperFlex : VLAN Name Dx-storage-data	storage traffic VLAN ID 3099	Configuratio Credentials UCS Manager Hos UCS Manager Use	n t Name	* admin
VLAN for VM vMotion VLAN Name VLAN ID hx-vmotion 3093	VLAN for VM Networ VLAN Name vm-network	rk VLAN ID(s) 3094	Site Name Server Selection Server 1 Server 2 Server 3	710 710	DC2 (220C-M55X (220C-M55X (220C-M55X
MAC Pool MAC Pool Prefix 00:25:85:					
'hx' IP Pool for Cisco IMC IP Blocks	Subnet Mask 0 255.255.254.0	iateway			
Cisco IMC access management (O	ut of band or Inband) In band 📀				
VLAN for inband Cisco IMC connervant VLAN Name	VLAN ID				
> iSCSI Storage					
> FC Storage					
Advanced	HyperFlex Cluster Name 0	leg Name			
3.2(3h) •	HyperFlex cluster	HX-POD-7	< Back	Contin	ue

مث .ةبولطملا تامولعملا عيمج ريفوت متي ،**Hypervisor جمانرب نيوكت** مسق يف **.5 ةوطخلا** عقوملا نيوكت ءدبل **عقوملا نيوكت** قوف رقنا

sco HyperFlex Installer			0 0	0 0	<b>Þ</b> <	ł
Credentials	Server Selection	UCSM Configuration	Нуре	visor Configuration	n	
Configure common Hypervisor Sett	ings		Configuration	1		~
Subnet Mask	Gateway	DNS Server(s)	Credentials			
255.255.254.0			UCS Manager Host	Name danging	_	
			UCS Manager User	Name	admin	
			Site Name		DC2	
Hypervisor Settings			Admin User name		root	
Make IP Addresses and Hostnames Sequer	tial		Server Selection			
			Server 1	/ HX2	20C-M5SX	
4t • Name ^ Serial	Static IP Address	Hostname	Server 2	/ HX2	20C-M5SX	
Server 1			Server 3	/ HX2	20C-M5SX	
		dm-j-hx-21	UCSM Configurat	ion		
Server 2			VLAN Name	hx-inba	and-mgmt	
		am-j-nx-22	VLAN ID		222	
= Server 3			VLAN Name	hx-sto	orage-data	
		dm-j-hx-23	VLAN ID		3099	
			VLAN Name	h	x-vmotion	
			VLAN ID		3093	
Hypervisor Credentials			VLAN Name	vn	n-network	
Admin User name	Hypervisor Password		MAC Pool Prefix	0	0.25-85-07	
root			IP Blocks		.25.65.67	
1001			Subnet Mask	255	255.254.0	
			Gateway	_		
			VLAN Name	hx-inband-c	imc-Pod-7	
			VLAN ID		222	
			UCS Server Firmwa	re Version	3.2(3h)	
			< Back	Configu	re Site	

**.B عقوملل** ةيرهاظلا ةزهجألا ةبقارم جمانرب **نيوكت حاجن** نم دكأت **.6 ةوطخلا** 

disco HyperFlex Installer				
			Progress	
Start Config Installer		Validations	UCSM Configuration	Hypervisor Configuration
<ul> <li>Hypervisor Configuration Succes</li> </ul>	ssful			
			Hypervisor Configuration	ŧ
Hypervisor Configuration - Overall	1	Login to UCS API		
Succeeded	1	Configuring static ip on the sp	ecified ESXi servers	
	1	Configuring static ip on a ESXi	server	
	1	Login to ESXi through SoL with	n user specified username and password	
	1	Logout from UCS API		
	1	CONFIGURATION COMPLETED	SUCCESSFULLY	

# HX Witness VM رشن

- ليغشتلا ديق HX Witness VM جمانرب نوكي نأ بجي .امدق يضملا لبق **قماه** ةوطخ هذهو تيبثتلا حاجنل هيلإ لوصولا نكميو.
- فيضم ىلع OVA ةروص رشن بجي
- . لوخدلا ليجست لمع نم دكأتلاو يرهاظلا زاهجلاً اذهب لاصتالا رابتخإ ءاجرلا •
- ايبثت صئاصخل هاندأ عجرا

🎁 Deploy OVF Template		(?) **
<ul> <li>1 Select template</li> <li>2 Select name and location</li> </ul>	Customize template Customize the deployment	properties of this software solution.
✓ 3 Select a resource	All properties have valid	values Show next Collapse all
✓ 4 Review details		5 settings
✓ 5 Select storage	DNS	The domain name servers for this $$ VM (comma separated). Leave blank if DHCP is desired.
6 Select networks		
Ready to complete	Default Gateway	The default gateway address for this VM. Leave blank if DHCP is desired.
o Ready to complete		
	NTP	NTP servers for this VM (comma separated) to sync time.
	Network 1 IP Address	The IP address for this interface. Leave blank if DHCP is desired.
	Network 1 Netmask	The netmask or prefix for this interface. Leave blank if DHCP is desired.
		255.255.254.0
		Back Next Finish Cancel

# دتمم عاطق ءاشنإ

.1 ةوطخلا

- **ماظن ءاشناٍ ددحو** تبثملا ىلع **قلجعلا** ىلإ لقتنا ،ددمملا ةعومجملا ماظن نيوكت ءدبل ددمملا ةعومجملا ماظن نيوكت ءدبل **ةدودمملا قعومجمل**ا.
- فدەلاو (أ عقوملا) ردصملا **دامتعا تانايب** ريفوت متي ،دامتعالا تانايب ةشاش يف UCSM، **قسسؤملا مساو ،عقوملا مساو ،ەب ةصاخلا دامتعالا تانايبو UCSM (**ب عقوملا) ةعباتملل **ةعباتم** قوف رقنا **.ةيرەاظلا ةزەجألا ةبقارم جمانرب دامتعا تانايبو vCenter**و م**داخلا ديدحت** ةشاش ىلإ

alaala cisco	HyperFlex Installer				0			0	¢ ~
	Credentials	Server Selection	IP Add	resses		Clus	ter Configura	tion	
(i	To setup stretch cluster you have to • Run the "Configure Site" workflow • Download and deploy the Witnes the stretch cluster. • Run the "Create Stretch Cluster" Configure Site	w once for each site. is VM, per the user documentation. Provide the workflow, after both sites have been configure ireate Stretch Cluster	e IP address of the Witness VM wi	hen you create	Conf	figuration			4
	UCS Manager Credentials for S	Site 1 User Name	Password						
		admin		0					
	Site Name	Org Name							
	DC1	HX-POD-6							
	UCS Manager Credentials for S UCS Manager Host Name Site Name DC2 VCenter Credentials vCenter Server	Site 2 User Name admin Org Name HX-POD-7 User Name administrator@vsphere.local	Password	0		Configu	rag and drop ration files he elect a File	ere or	
	Hypervisor Credentials Admin User name root The hypervisor on this node uses the f Hypervisor Password	actory default password				( Back		Continue	

مث .ددحم وه امك (فدهلا مداخلاو ردصملا مداخلا) مداوخلا عيمج راهظا نم دكأت **.2 ةوطخلا ،ةعباتم** رقنا

		Credentials		_		Server Selection	IP Ac	Idresses		Cluster Configu	ation
rver Selec Associ	Seleo ct Nod	Ction les for this site. (6)					Configure Server Ports	Refresh	Configural	ion	*
<b>/</b> -	ķ.	Server Name	Site	<ul> <li>Status</li> </ul>	Model	Serial	Service Profile	Actions	UCS Manager H User Name	lost Name 1	admin
2 (		Server 8	DC1	ok	HX220C- M5SX	_	org-root/org-HX-POD-6/ls-rack- unit-8	Actions ~	UCS Manager H	lost Name 2	
2 (		Server 9	DC1	ok	HX220C- M5SX		org-root/org-HX-POD-6/ls-rack- unit-9	Actions ~	User Name Site Name		admin DC1
2 (		Server 7	DC1	ok	HX220C- M5SX		org-root/org-HX-POD-6/ls-rack- unit-7	Actions ~	Org Name 1 Site Name		HX-POD-6
2 (		Server 2	DC2	ok	HX220C- M5SX		org-root/org-HX-POD-7/ls-rack- unit-2	Actions ~	Org Name 2 vCenter Server		HX-POD-7
2 (		Server 3	DC2	ok	HX220C- M5SX		org-root/org-HX-POD-7/ls-rack- unit-3	Actions $$	User Name	administr	ator@vsphere.local
2 (		Server 1	DC2	ok	HX220C- M5SX	_	org-root/org-HX-POD-7/ls-rack- unit-1	Actions ~	Admin User na	me	root

**قدحو** ةرادإو **ةيضارتفالاا ةزهجألاا ةبقارم** جمانرب ريفوت كنكمي ،I**P ناونع مسق** يف **.3 ةوطخلا** ريغ) ةصاخلاا **تانايبل**اصاخلا IP دلإ ةفاضإلاب IP (ماعلا هيجوتلا لودج) **نيزختلا يف مكحتلا ةرادإلاا تاكبش نم لكل ةعومجملا ماظنل IP ناونع** ريفوت كنكمي امك .(هيجوتلل ةلباقلا .

.1 1.1 CISC	0	н	yperFlex In	staller									0			0	<b>\$</b> ~
			Credentials				Server Sel	lection				IP Addresses		Clus	ter Configur	ation	
	IP A	Addre	sses										Con	figuratior	1		*
	~	Make If	P Addresses Seq	uential									Crede	entials			
													UCS M	lanager Host	Name 1		-
					Ν	lanagem	ent - VLA	N		(FQ	Data - DN or I	VLAN P Address)	User N	lame			admin
								Storage				Storage	UCS M	lanager Host	Name 2		-
	11	\$	Name~	Site	Нур	ervisor	0	Controller	0	Hypervisor	0	Controller	User N	lame			admin
													Site N	ame			DC1
		(OD	Server 9	DC1						192.168		92.168.	Org N	ame 1		HX	POD-6
			5 m m m	5.54									Site N	ame			DC2
		۵D	Server 8	DCI						192.168.		92.168.6	Org N	ame 2		нх	POD-7
		(B))	Server 7	DC1							_		vCent	er Server	a desirate total		
			Jerver /							192.168.		92.168.6	Admin	user name	administr	atorevspne	root
		(D)	Server 3	DC2						102 168		92 168 6	Serve	r Selection			
					_					152.100.		52.100.0	Server	2		/ HX2200	-M55X
		()	Server 2	DC2						192.168.		92.168.	Server	3		/ HX2200	-M5SX
													Server	1		/ HX2200	-MSSX
		O	Server 1	DC2						192.168.		92.168.6	Server	8		/ HX2200	-M5SX
													Server	9		/ HX2200	-M5SX
													Server	7		/ HX2200	-M5SX
						Manager	ment	t	Data								
				Cluster IP	Address				192.16	8.							
										_							
				Subr	et Mask	255.2	55.254.0		255.25	55.255.0							
					Gateway												_
				w	itness IP			•					-	C Back		Continue	

Custer Name Replication factor   dm-jhu-clus-d UCS Manager Host Name 1   Controller VM USS Manager Host Name 2   create Admin Password Confirm Admin Password   creater Datacenter Name Vectors Cluster Name   Ho's Stretch dm-j-hu-clus-6   System Services Dis Somain Name   Cisico com Server 3   System Services Server 1   Image: Server 1 Cisico com   System Services Server 4   Cisico com Server 2   Cisico com Server 3   Cisico com Server 3   Custer Name Server 3   Custer Name Server 4   Cisico com Server 3   Cisico com Server 3   Cisico com Server 3   Custer Name Server 4   Cisico com Server 3   Cisico com Server 4   Cisico com Server 3   Cisico com Server 3   Cisico com Server 4   Cisico com Server 4   Cisico com Server 4   Cisico com Server 3   Cisico c	Cisco HX Cluster			Configuration
dm-j-ho-clui-6 22   Controller VM   Create Admin Password   Confirm Admin Password   Monophrotic Baseword   Monophrotic Baseword   Confirm Admin Password   Confirm Admin Password   Monophrotic Baseword   Monophrotic Baseword   Confirm Admin Password   Confirm Admin Password   Monophrotic Baseword   Monophrotic Baseword   Confirm Admin Password   Confirm Admin Password <td>Cluster Name</td> <td>Replication Factor</td> <td></td> <td>Credentials</td>	Cluster Name	Replication Factor		Credentials
Controller VM   Create Admin Password   Confirm Admin Password   Image: Confirm A	dm-j-hx-clus-6	2+2 •		UCS Manager Host Name 1 m
Controller VM Confirm Admin Password Iter Name admin   Create Admin Password Confirm Admin Password Iter Name admin   Create Admin Password Confirm Admin Password Iter Name admin   Vcenter Configuration Site Name Cc2 Gr Name 2 HKP0D4   HX: Stretch dm-j-har-clus-6 User Name Ccenter Server Ccenter S				User Name admin
Create Admin Password Confirm Admin Password   Image: Confirm Admin Password Image: Confirm Admin Password   Image: Configuration Image: Configuration   Vcenter Configuration Image: Confirm Admin Password   Vcenter Datacenter Name Vcenter Cluster Name   HX: Stretch Image: Confirm Admin Password   HX: Stretch Image: Confirm Admin Password   System Services Image: Confirm Admin Password   System Services Image: Confirm Admin Password   Image: Confirm Admin Password Image: Confirm Admin Password   Image: Confirm Admi	Controller VM			UCS Manager Host Name 2
Image: Construction   Vcenter Configuration   vcenter Datacenter Name   HX-Stretch   dm-j-hx-clus-6   Mino-j-hx-clus-6   Vcenter Server   Vcenter Server   System Services   System Services   Time Zone   (utro-68:00) Pacific Time   Image: Construction   Auto Support   Auto Support   Server i Server distances to the notifications to	Create Admin Password	Confirm Admin Password		User Name admin
vCenter Configuration   vCenter Datacenter Name   HX-Stretch   dmi-hx-cluse-6   vCenter Server   VCenter Server   System Services   DNS Server(s)   NTP Server(s)   MTP Server(s)   DNS Domain Name   clisco.com   Server 3   Cutto-08:001 Pacific Time   Cutto-08:001 Pacific Time   Auto Support   Auto Support   Auto Support   Server 1   Server 2   Management Cluster Manie dimi-fications to				Site Name DC1
vCenter Configuration   vCenter Datacenter Name   WCenter Cluster Name   MX-Stretch   dm-j-hx-clus-6     DtS Server(s)   DtS Server(s)   DtS Server(s)   DtS Server(s)   DtS Common   cisco.com     Server 3   dm-j-hx-clus-6     Server 4   dm-j-hx-clus-6     Server 5   Server 7   dm-j-hx-clus-6     Server 7   dm-j-hx-clus-6   Server 7   dm-j-hx-clus-6   Server 7   dm-j-hx-clus-6   Server 7   dm-j-hx-clus-6   Server 7   dm-j-hx-clus-6   Server 7   dm-j-hx-clus-6   Server 7   dm-j-hx-clus-6   Server 7   dm-j-hx-clus-6   Server 7   Ser				Org Name 1 HX-POD-6
VCenter Configuration vCenter Name vCenter Server vCenter vCenter Server vCenter vCe				Site Name DC2
vCenter Datacenter Name vCenter Cluster Name   HX-Stretch dm-j-hx-clus-6   System Services   DNS Server(s) NTP Server(s)   DNS Domain Name cisco.com   Cisco.com Server 3   Time Zone (utc-08:00) Pacific Time   (utc-08:00) Pacific Time •   Auto Support Send servic ticket notifications to	vCenter Configuration			Org Name 2 HX-POD-7
HX-Stretch dm-j-bx-clus-6     System Services     DNS Server(s)   NTP Server(s)   Cluster Name   Cluster Name   Server 3   (1) (UTC-08:00) Pacific Time     Cluster Name   Auto Support     Auto Support     Senver 1     Server 2     (1) (UTC-08:00) Pacific Time     Cluster Name     (1) (UTC-08:00) Pacific Time     (1) (UTC-08:00) Pacific Time     (1) (UTC-08:00) Pacific Time     (1) (UTC-08:00) Pacific Time     (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	vCenter Datacenter Name	vCenter Cluster Name		vCenter Server
Admin User name root System Services NTP Server(s) NTP Server(s) DNS Domain Name  Cisco.com Cisco.com Time Zone (UTC-08:00) Pacific Time O  Auto Support Auto Support Server Server Server 3  PAddresses Cisco.com Cisco	HX-Stretch	dm-j-hx-clus-6		User Name administrator@vsphere.local
System Services   DNS Server(s) NTP Server(s)   DNS Concom Server 2   Cisco.com Server 3   Time Zone Server 1   (UTC-08:00) Pacific Time Server 1   (UTC-08:00) Pacific Time Server 1   Auto Support Service ticket notifications to				Admin User name root
Server (s) NTP Server(s)   DNS Server(s) DNS Domain Name   Cisco.com Cisco.com   Time Zone Cisco.com   (UTC-08:00) Pacific Time Cisco.com   Cisco.com Server 3   Auto Support Senvice ticket notifications to	System Services			Server Selection
DNS Server(s) NTP Server(s)   DNS Domain Name     Server (s)     Imagement Cluster Name     Server (s)     NTP Server(s)     Imagement Cluster (s)     NTP Server(s)     Imagement Cluster (s)     NTP Server(s)     Imagement Cluster (s)	System services			Server 2 / HX220C-M55X
Cisco.com Cisco.com   Time Zone Server 1   (UTC-08:00) Pacific Time Server 3   (UTC-08:00) Pacific Time Server 9   Auto Support   Auto Support Send service ticket notifications to     Send service ticket notifications to	DNS Server(s)	NTP Server(s)	DNS Domain Name	Server 3 / HX220C-M55X
Time Zone   (UTC-08:00) Pacific Time		.cisco.com	cisco.com	Server 1 / HX220C-M55X
(UTC-08:00) Pacific Time     Server 9     / HX220C-MSSX       Server 7     / HX20C-MSSX       Server 7	Time Zone			Server 8 / HX220C-M55X
Server 7     / HX220C-M5SX       Auto Support     IP Addresses       Auto Support     Cluster Name       Auto Support     Management Cluster	(UTC-08:00) Pacific Time	• •		Server 9 / HX220C-MSSX
Auto Support Send service ticket notifications to Management Cluster Cluster Management Cluster Cluste				Server 7 / HX220C-MSSX
Auto Support     Cluster Name     dm-j-hx-clus-6       Auto Support     Send service ticket notifications to     Management Cluster				IP Addresses
Auto Support Send service ticket notifications to Management Cluster	Auto Support			Cluster Name dm-j-hx-clus-6
	Auto Support	Send service ticket notifications to		Management Cluster
Enable Connected Services     (Recommended)     Data Cluster	Enable Connected Services     (Recommended)			Data Cluster
Management Subnet Mask 255.255.254.0				Management Subnet Mask 255.255.254.0
Data Subnet Mask 255.255.255.0	Adversed Methodalise			Data Subnet Mask 255.255.255.0
Advanced Networking Management Gateway	Advanced Networking			Management Gateway
Management VLAN Tag - Site 1 Management VLAN Tag - Site 2 Management vSwitch Witness IP	Management VLAN Tag - Site 1	Management VLAN Tag - Site 2	Management vSwitch	Witness IP
222 © 222 © vswitch-hx-inband-mgmt Server 9 (WZP22370075)	222	222 3	vswitch-hx-inband-mgmt	Server 9 (WZP22370075)
Data VLAN Tag - Site 1 Data VLAN Tag - Site 2 Data vSwitch	Data VLAN Tag - Site 1	Data VLAN Tag - Site 2	Data vSwitch	Management Hypervisor
3099 3099 vswitch-hx-storage-data	3099 ©	3099 3	vswitch-hx-storage-data	Management Storage Controller 9
Data Hypervisor				Data Hypervisor
Data Storage Controller				Data Storage Controller
Advanced Configuration Server 3 (WZP2237007B)	Advanced Configuration			Server 3 (WZP22370078)
Jumbo Frames Disk Partitions Virtual Desktop (VDI)	Jumbo Frames	Disk Partitions	Virtual Desktop (VDI)	
Enable Jumbo Frames on     Data Network     Clean up disk partitions     Optimize for VDI only     deployment     Clean up disk partitions     Clean up disk partitions	<ul> <li>Enable Jumbo Frames on</li> <li>Data Network</li> </ul>	Clean up disk partitions	Optimize for VDI only deployment	K Back Start

حاجنب ةعومجملا ماظن ءاشنإ لامتكا نم دكأت **.5 ةوطخلا**.

Pro	ogress		Summary
Start Config Installer	Deploy Deploy Validation	Create Clu Validation Crea	Configuration
<ul> <li>Cluster Creation Successful</li> </ul>		View Summary	UCS Manager Host Name 1 User Name UCS Manager Host Name 2 User Name admin
Cluster Creation - Overall	<ul> <li>✓ Preparing Storage Cluster</li> <li>✓ Configuring Cluster Resource Manager</li> <li>✓ updateClusterSEDStatus</li> </ul>	Cluster Creation	Site Name     DC1     Org Name 1     HX-POD-6     Site Name     DC2     Org Name 2     HX-POD-7     vCenter Server
192.168. In Progress	✓ Configuring NTP Services		Admin User name root Server Selection Server 2 / HX220C-M55X
192.168. In Progress	✓ Configuring NTP Services		Server 3 / HX220C-M55X Server 1 / HX220C-M55X Server 8 / HX220C-M55X
192.168. In Progress	<ul> <li>Configuring NTP Services</li> </ul>		Server 9 / HX220C-M55X Server 7 / HX220C-M55X
192.168.	<ul> <li>Configuring NTP Services</li> </ul>		Cluster Name dm-j-stretch-1 Management Cluster
In Progress 192.168.	Configuring NTP Services     Configuring NTP Services		Management Subnet Mask 255.255.254.0 Data Subnet Mask 255.255.255.0 Management Gateway
In Progress			Witness IP Server 9 (WZP22370075)

# ةحصلا نم ققحتلا

# Datastore ءاشنإ

يف تانايبلا نزخم ءاشنإ ددمملا ةعومجملا ماظن ىلع تانايبلا نزخم ءاشنإ ەبشي **.1 ةوطخلا** ةعومجم ماظن يف تانايب ةدعاق ءاشنإ ءانثأ ديحولا فالتخالا نمكي .يداعلا ةعومجملا ماظن ىلإ لقتنا ،HyperFlex Connect مدختسملا ةهجاو يف .عقوملا براقت فيرعت يف ةدودمم **تانايب ططخم ءاشنإ** قوف رقناو **تانايبلا تاططخم** 

≡	۱۱۱۰۰۱۰، دەدە HyperFlex Connect	-stretch-1	Ę	3 ලි	0	മ
$\odot$	Dashboard	Datastores	Last refreshed at	: 02/16/2019 2	2:37:10 PM 🔿	
MON	IITOR	<b>ビ Create Datastore</b> ✓ Edit ✓ Mount ⊗ Unmount × Delete				
$\bigcirc$	Alarms					
슈	Events	Name ^ Mount Summary Site Affinity Pairing Status Status	Size	Used	Free	
	Activity	No records found				
ANA L	LYZE Performance TECT Replication					
MAN	AGE System Information					
	Datastores					
Ţ	Virtual Machines					
$\widehat{}$	Upgrade					
>_	Web CLI					

<mark>ةمئاقلا</mark> ددح ،**ةيفاضإلا ةوطخلا** يف مث .همجح ديدحتو تانايب نزخم ءاشنإ **.2 ةوطخلا** عاشناٍ قوف رقنا مث .نيعقوملا دحأ "عقوملا براقت" ةلدسنملا

Create Datastore				$@\otimes$
Datastore Name				
DS-01				
Size			Block Siz	e
1	тв	Ŧ	8K	~
Site Affinity				
Select Site affinity				<b>^</b>
DC2				
DC1				
	Cancel	c	reate Data	astore

**مت** ەنأ ىلع ەرەظي يذلاو اثيدح ەؤاشنإ مت يذلا تانايبلا زكرم ةلاح ديكأتب مق **.3 ةوطخلا** ەب صاخلا **عقوملا براقت** ضرعي امك **ەليمحت**.

Datas	tores			La				Last refreshed at: 02/16/2019 2:41:02 PM 🗧					
🗳 Creat	e Datastore	🖋 Edit 🕑 Mount 🛞	Unmount × Delet	nount × Delete									
	Name ^	Mount Summary	Site Affinity	Pairing Status	Status	Size	Used	Free					
	DS-01	MOUNTED	DC1	Unpaired	Normal	1 TB	0 B	1 TB					

Showing 1 - 1 of 1

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