在Intersight管理模式下為Intersight專用虛擬裝置 升級基礎設施和伺服器韌體。

<u>簡介</u> <u>必要條件</u> <u>需求</u> <u>採用元件</u>
<u>必要條件</u> <u>需求</u> <u>採用元件</u>
<u>需求</u> <u>採用元件</u>
<u>採用元件</u>
<u>背景資訊</u>
<u>開始之前</u>
交換矩陣互聯升級
<u>伺服器升級</u>
<u>驗證</u>
相關資訊

簡介

本文檔介紹專用虛擬裝置(PVA)上UCS域和伺服器的升級過程。

必要條件

需求

思科建議您瞭解以下主題:

- 對Intersight管理模式(IMM)的一般知識和瞭解。
- 瞭解Intersight專用虛擬裝置(PVA)。

採用元件

本文中的資訊係根據以下軟體和硬體版本:

- Cisco UCS 6454 54埠交換矩陣互聯,韌體4.2.3(d)
- Cisco UCS B200 M5刀鋒伺服器,韌體4.2.1(a)

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除(預設))的組態來啟動。如果您的網路運作中,請確保您瞭解任何指令可能造成的影響。

背景資訊

專用虛擬裝置(PVA)是封裝在虛擬機器中的Cisco Intersight平台的本地版本。它提供的功能和優勢與

基於雲的Intersight服務相同,包括基礎設施管理和自動化,但僅限於專用網路內。這滿足了需要高級別資料安全的組織的需要,例如那些具有嚴格的法規遵從性和管理法規要求的組織。

適用於PVA環境的軟體捆綁包儲存在Intersight中,並可通過Intersight裝置帳戶下載。

設定

開始之前

·導航到此連結以設定您的帳戶:<u>建立裝置帳戶。</u> 按照以下步驟操作,接受許可協定,然後為其建立帳戶名稱。

交換矩陣互聯升級

步驟 1.建立裝置帳戶後,導航至軟體下載>軟體目錄>韌體。

查詢要使用的韌體版本。按一下其名稱。

🔎 提示:展開「名稱」列,檢視裝置的型號和版本。

≡	cisco Intersight	🖷 Syste	m V				Q Search ③	۹
4 Ø	Software Downloads		Only one user with the Account Administrator role or recommended to add at least one more Account Administration and the set one more Account Administration and the set of					
U	Admin ^	S	oftware Downloads					
	Sessions		Utaty) must be downloaded from	Central	other software at	Center		
			All Downloads Appliance HyperFlex UCS Direct	tor Firmware 0 IKS +				
							☐ Export 320 items found 50 ∨ per page ≤ 1 of 7 ≥	
(Ne	Command Palette		Name	: Туре :	Version	: Size	: Description : Release Date :	ş
Nav to H	igate Intersight with Ctrl+K or go lelp > Command Palette			Firmware	5.2(0.230092)	707.5 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	5.2(0.230092)	710.4 MiB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	4.3(2.230129)	1784.3 MiB	Cisco Intersight Infrastructur Nov 15, 2023	
				Firmware	4.3(2.230129)	1743.6 MiB	Cisco Intersight Infrastructur Nov 15, 2023	
				Firmware	5.2(0.230092)	608.8 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	5.2(0.230100)	566.6 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	5.2(0.230100)	583.1 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	5.2(0.230100)	583.1 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	4.3(2.230270)	826.5 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	4.3(2.230270)	805 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	4.3(2.230270)	724.2 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
				Firmware	4.3(2.230270)	712 MIB	Cisco Intersight Server Bundle Nov 15, 2023	

步驟 2.在新視窗中,您可以看到有關包的更多詳細資訊。確保這是您所需要的。按一下「 Download」按鈕。在本示例中,交換矩陣升級適用於4.3.2。

≡ diada Intersight	∥∎ System ∨		Q Search ⑦ A								
 Software Downloads Settings Admin Audit Logs 	Only one user with the Account Admin recommended to add at least one mor - - - - - - - Software Downloads ucs-intersight-infra-	Only one user with the Account Administrator role exists. To reduce user management, configuration and security risks, it's strongly recommended to add at least one more Account Administrator. Go To Users • Software Downloads ucs-intersight-infra-4gfi.4.3.2.230129.bin									
Sessions Command Palette Navigate Intersight with Ctri-K or go to Help > Command Palette	Details Name ucs-intersight-infra-4gfl.4.3.2.23012 Type Firmware Version 4.3(2.230129) Size 1743.6 MIB Release Date Nov 15, 2023	Information Description Cisco Intersight Infrastructure Bundle	Checksum Information SHA512 bd8386ca044cb4ecaad24789cad0bde116777aed97f8dd043ef1cdffe4533c053577b7 MD5 67cd17be14af7281c8c11e157f029c00								

步驟 3.下載完成後,在瀏覽器中開啟一個頁籤,然後登入到專用虛擬裝置。

導航到Admin > Software Repository > Software Files。在此頁籤中,您可以看到可供升級的程式包 清單,然後按一下Upload Software。

=	cisco Intersight	ADMIN > So	ftware Repository					🗘 🗖 3 🗛 6	Ø	\$2	Q,	٢	0	admin 🔬
	Chassis	Firmware Links	Software Files	OS Image Links	scu	Links OS Configu	ration Fil	es					Uploa	d Software
	HumarElex Chustere								O items for	nd 10			n eta 🖂	
	HyperFlex Clusters							L3 Export	U items for	nd 10	✓ per page	KC		2
×	CONFIGURE ^	Name				Description		Туре		Version		Size		
	Profiles													
	Templates													
	Policies												K < 0	K < 0 to
	Pools													
Q	ADMIN ^													
	Targets													
	Software Repository													
	Tech Support Bundles													

步驟 4.瀏覽交換矩陣互連的軟體包並上傳。

≡	cisco Intersight	ADMIN > Software Repository >	Software Files > Upload	l	Ç ■3▲6 [בא £	۹,	0	admin 🖉
	Chassis	☑ Progress			Step 1				
	HyperFlex Clusters	1 Upload Software			Upload Softwa Upload from local man appliance installation	r e chine or specify t file.	he path to the		
×	CONFIGURE ^								
	Profiles			 You can down Appliance Por 	nload the required softwa rtal. To log in to your Priv	are from your Priv ate Appliance Ac	rate count,		
	Templates			click here					
	Policies			Local Ma	achine	Network Sha	re		
	Pools								
ģ	ADMIN ^								
	Targets								
	Software Repository								
	Tech Support Bundles								
		Cancel							Finish

步驟 5.對映完成後,按一下Finish按鈕。

≡	cisco Intersight	ADMIN > Software Repository > Software Files > Upload	다 🖬 3 🔺 6 🕝 🥵 🤤 🕜 admin 요
	Chassis Fabric Interconnects	⊂ Progress	Step 1
	HyperFlex Clusters	Upload Software	Upload Software Upload from local machine or specify the path to the appliance installation file.
×	CONFIGURE ^		
	Profiles		You can download the required software from your Private Appliance Portal. To log in to your Private Appliance Account,
	Templates		click here
	Policies		Local Machine Network Share
	Pools		Browse Selected File ucs-intersight-infra-4nfi_ @ X
Ţ	ADMIN ^		
	Targets		
	Software Repository		
	Tech Support Bundles		
		Cancel	Finish

步驟 6. 您可以在Alert(警報)按鈕左側的圖示中看到進度。

在「Software Files(軟體檔案)」頁籤上,確認您的下載已經可以使用。如有必要,請刷新頁面。

≡	dudu cisco Intersight	ADMIN > Software Repository	약3 C, C ⑦ admin 요
	Chassis	Firmware Links Software Files OS Image Links SCU Links OS Configuration Files	File Upload ×
	Fabric Interconnects	* All Firmware Links 💿 +	 ucs-intersight-infra-4gfi.4.3.2.2301 1743.6 MiB 1% Software Repository List
	HyperFlex Clusters		
×	CONFIGURE ^	File Name : Version : Supported Models File Location	
	Profiles		
	Templates		
	Policies		
	Pools		
ē	ADMIN ^		
	Targets		
	Software Repository		
	Tech Support Bundles		

步驟 7.導覽至操作>光纖互連。選擇需要升級的裝置。點選屬於您需要升級的群集的任何交換矩陣 互聯(FI)。

≡	cisco Intersight	o	PERATE > Fabric Interconne	cts			🗘 🖬 3 🗛 6	R 41	۹,	0	ව adr	min 🕰
<u>00o</u>	MONITOR		★ All Fabric Interconnects ③									
Ŷ	OPERATE /	`	🖉 🔍 Add Filter					∽ perpa	e K <	1 of 1		
	Servers		Health	Connection %	Bundle Versi NX-OS Version		Models				۵	
	Chassis		Critical 1	Ocnnected 2		\mathcal{C}	• 9 2/EM2/24) 2	2				
	Fabric Interconnects		• Warning 1									
	HyperFlex Clusters		Name :	Health	Model		Bundle Version 3	UCS Domain Profile		Ports		Ģ
×	CONFIGURE		ESPUCSDOM01-X FI-A	A Warning	UCS-FI-6454			IMM_VPA	Total 54	Used 54	Available 0	
	Profiles			E Critical	UCSELAASA				54		A7	
	Templates				000110101						1 611	
	Policies											
	Pools											
ģ	ADMIN											

步驟 8.確保選擇了正確的交換矩陣互聯。

在Details(詳細資訊)頁籤上,您可以檢視一般資訊,如對等交換機、管理IP和當前版本。 步驟 9.導航到Action按鈕。按一下它,它將顯示幾個選項,然後選擇Upgrade firmware。

≡	cisco Intersight	OPERATE > Fabric I	nterconnects > ESPUCS	DOM01-X FI-A	Q 🛛 3 🔺 6 🛛 🖓 📢	٩	ල admin යු		
	Chassis	General Inventory	Connections UCS [Domain Profile			Actions 🗸		
	Fabric Interconnects	Details		Properties		Events	Open TAC Case		
	HyperFlex Clusters	Health	▲ Warning	UCS-FI-6454	Front View Rear View	+ Alarms 2	Upgrade Firmware		
>>	CONFIGURE	Nama		-	leter sistemetric statemetric	+ Advisories			
\sim	CONTIGUE	Door Switch					Collect Tech Support Bundle		
	Profiles	Madal			Health Overlay 🌉				
	Templates	Model	005-F1-6454						
		Senal		Mode	Access				
	Policies	Management IP							
	Pools	Mode	Intersight	Ethernet end-host	IP Addre				
				FC Switcend-host					
ø	ADMIN ^	UCS Domain Profile		Admin E 🖉 Disabled	Subnet				
	Targets	UCS Domain Profile		Oper Ev Ø Disabled	Default				
		Duadla Marrian	4 1 (02)						
	Software Repository	Bunule Version	4.1(3)		MAC				
	Tech Support Bundles	NX-OS Version 7.0(3)N2(4.13i) dles							
		Organizations							

步驟 10.將顯示一個視窗,其中包含有關如何執行升級的基本說明。按一下「Start」。

步驟 11.您可以看到Intersight宣告的Fabric Interconnect清單。自動選擇您之前按一下的域。



步驟 12. 在此示例中,軟體包版本4.3.2可用。選擇您的版本,然後按一下下一步繼續。

≡	cisco Intersight	Fabric Interconnects > Upgrade Firmware	다. 🖬 3 🔺 6 🛛 🖓 🤤 🥵 🖓 sdmin 🔔
000	MONITOR	드 Progress	Step 2
۲	OPERATE ^	(1) General	Version Select a firmware version to upgrade the Fabric
	Servers Chassis	2 Version	Interconnects to.
	Fabric Interconnects	3 Summary	Select Firmware Bundle Advanced Mode 🔵
	HyperFlex Clusters		 Select the firmware bundle to upgrade. By default, the upgrade enables Fabric Interconnect traffic evacuation. Use Advanced Mode to exclude Fabric Interconnect traffic evacuation.
×	CONFIGURE ^		
	Profiles		1 items found 10 ✓ per page K K 1 of 1 >>>> K S
	Templates		Q Add Filter
	Policies		Version : Size : Description : 🖗
_	Pools		4.3(2.230129) 1.70 GiB Cisco Intersight bundle
ē	ADMIN ^		Selected 1 of 1 Show Selected Unselect All
	Targets	< Back Cancel	Next >

步驟 13. 它顯示了升級的摘要: 域名、序列號、型號和韌體版本。

cisco Intersight Fabric Interconnects > Upgrade Firmware 🗘 🖪 З 🗛 б Selected firmware bundle will be downloaded to the Fabric Interconnects and upgraded. Click on Requests to monitor the progress of the firmware upgrade. OPERATE 1 General Servers Version 4.3(2.230129) @ 1.70 GiB Version Size Fabric Interconnects to be Upgraded ct B Domain Name Serial Mode Model UCS-FI-6... FD0244... 4.2(... 🚯 UCS-FI-6... FD0234... 4.2(... (ADMIN Upgrede

確認這是正確的域,然後按一下Upgrade。

步驟 14. 如果升級操作成功,則右上角會出現一個綠色框。

-+ C	sco Intersight Help Center 🛛 🗙	🍜 Software Downloads intersight: X 👘 Cisco Intersight X 🔤 Fabri	c Interconnects Intersight :	× + ~	🤓 Private b	rowsing	- 0			
÷	\rightarrow G O	A https://inter.mxsvlab.com/an/network/element-summaries/?\$currentPage=1&\$	pageSize 🔝 🔍 Sea	arch		Q 7	ខំ	ø ≡		
=	alladia cisco Intersight	OPERATE > Fabric Interconnects	🗘 🛛 3 🗛 6	0 1 93	٥,		ງ ad	min 🚨		
000	MONITOR	★ All Fabric Interconnects ◆			Successfully	initiated				
	OPERATE ^	🖉 🛛 🔍 Add Filter	P Q Add Filter							
	Servers	Health Connection 🕅 Bundle Version	NX-OS Version	Models			۱, ۱	μЭ		
	Chassis	Connected 2			A 6454 9		· · · ·			
	Fabric Interconnects	2 • Warning 1	2		• 0404 Z					
	HyperFlex Clusters	Name : Health : Model :	Bundle Version	UCS Domain Profile		Ports				
×	CONFIGURE ^	ESPUCSDOM01-X FI-A Warning UCS-FI-6454	4.2(3d)		54	54	0			
	Profiles	ESPUCSDOMD1-X FI-B Critical UCS-FI-6454	4.2(3d)		54		47			
	Templates						1 of 1 [
	Policies									
	Pools									
ē	ADMIN A									
	Targets									

步驟 15.按警報按鈕旁邊的圖示檢查升級進度。

++ Ci	co Intersight Help Center		📥 Software [Downloads intersight -	X 🛛 📥 Cisco Intersight	e 🛛 🔤 Fa	bric Interconnects Intersigh	it× +	∽ 👳 Privat	e browsing	- 0	
÷	\rightarrow G	08	https://inte	er. mxsvlab.com /an/	'network/element-sum	maries/?\$currentPage=18	እ\$pageSize 🔂 🔍 S	earch		Q 🕹	ර 🗙	∍≡
≡	cisco Intersight	t	OPERATE	> Fabric Interconne	ns		🗘 🛛 3 🔺 6		¢1 ¢	0 0) adm	nin 🔉
00	MONITOR		🛞 All Fab	ric Interconnects 🛞					Requests	All Active	Complete	ed X
	OPERATE							rt 2 items	Upgrade Firmware ED024440678	•	In Pro	ogress ds ago
	Servers		Health		Connection %	Bundle Version	NX-OS Version		1502-140010	100	a fatt accorn	as ago
	Chassis		$\overline{(}_{2}$	• Critical 1	Connected 2	2 • 12(3d) 2	2 • 9.3(5)	142(3c) 2				
	Fabric Interconnects		C	• Warning 1								
	HyperFlex Clusters		Nar	ne C	Health :	Model 0	Bundle Version	UCS Dom:				
×	CONFIGURE				A Warning	UCS-FI-6454	4.2(3d)					
	Profiles			UCSDOMD1-X FLB	Critical	UCS-EL-6454	4 2(3d)					
	Templates					000110404	4.2(00)					
	Policies											
	Pools											
Ē	ADMIN											
	Targets									View All		

步驟 16.重新引導交換矩陣時需要確認。按一下「Proceed」以繼續升級。

++ Ci	sco Intersight Help Center		📥 Cisco Intersight	🗙 🛛 🔤 Cisco Intersight	X Requests Upgrade Firmware X + V 😒 Private browsing - 🗇	
÷	\rightarrow G	0 6	https://inter. mxsvlab.c	om/an/workflow/workflow-infos	s,/6557cb7b696f6e2d309bad18/ 😭 🔍 Search 🔍 🖳 😋	≡
≡	cisco Intersight	t	Requests > Upgrade F	Firmware	다. 🛛 4 ▲ 6 │ C 1 ③ 1 │ 🕫 │ C │ ③ │ ⑦ │ admin	
<u>00o</u>	MONITOR		Details		Execution Flow	
۲	OPERATE		Status	Action Required	Progress 68	%
	Servers		Name	Upgrade Firmware	Wait for a user acknowledgement on Fabric Interconnect - A.	
	Chassis			6557cb7b696f6e2d309bad18	 Firmware upgrade for Fabric Interconnect - B is complete. Ensure Fabric Interconnects meet requirements to continue unorade. Please acknowledge to continue with Fabric Interconnect. A upgrade Learn more at 	
	Fabric Interconnects		Target Type	Fabric Interconnect	Help Center.	
	HyperFlex Clusters		Target Name		Proceed	
×	CONFIGURE		Source Type	Firmware Upgrade		
	Profiles		Source Name	FD02444067B	Wait for image download to complete in endpoint. Image unsintersight info 4.10.2.2.20129 his successfully carberl in Fabric Interconnect(s).	
			Initiator	admin@local		
	Templates		Start Time	Nov 17, 2023 2:22 PM	Initiate image download to endpoint. Nov 17, 2023 2:55 P Image use interview interview interview interview interview and interview interview.	
	Policies		End Time		image ucs-intersignitinnar-4gli 4.3.2.230 (29.0in aiready available in a cache, skipping the download, image will be synced to the selected endpoints.	
	Pools		Duration	35 m 10 s	Check if image has been cached. Nov 17, 2023 2:55 P	
8	ADMIN		Occasionations			
	Targets		organizations		Wait for firmware upgrade in Fabric Interconnect - B. Nov 17, 2023 2:55 P Successfully upgraded Fabric Interconnect.	

步驟 17. 在「交換矩陣互聯」頁籤的「套件組合版本」列中驗證升級是否成功完成。

兩個FI現在都處於4.3.2版。

=	cisco Intersight	OPERATE > Fabric Interconnects	8		û 🛛 3 🔺 6	P 🕫	م ډ	9 ୧) adr	min 🚨
<u>00o</u>	MONITOR	★ All Fabric Interconnects ③								
Ŷ	OPERATE ^	Add Filter				2 items found 5	∽ per page		1 of 1 🖸	
	Servers	Health	Connection % B	Bundle Version	NX-OS Version	Models				Θ
	Chassis	Critical 1	Connected 2							
	Fabric Interconnects	• Warning 1		2 • 4.3(2.230123)				-		
	HyperFlex Clusters	Name :	Health :	Model :	Bundle Version	UCS Domain Profile		Ports		
×	CONFIGURE ^	ESPUCSDOM01-X FI-A	A Warning	UCS-FI-6454	4.3(2.230129)	IMM. VPA	Total 54	Used 54	Available 0	
	Profiles		Critical	LICS-EL-6454	4 3(2 230129)		54		47	
	Templates		Cilicar	003110404	4.0(2.200127)		54		*'	
	Policies									
	Pools									
ø	ADMIN ^									
	Targets									

伺服器升級

步驟 1.在Admin > Software Repository > Software Files > Upload Software上上傳伺服器的韌體包。

驗證上傳完成時是否列出該選項。

≡	cisco Intersight	ADMIN > Software Repository Q 🖬 4 🔺 6 🖂 🕫	ා admin <u>ව</u>
	Chassis	Firmware Links Software Files OS Image Links SCU Links OS Configuration Files	Upload Software
	Fabric Interconnects	10 V Per page K	1 of 1 🖂 💭
	HyperFlex Clusters	Name Description Type Version	Size
×	CONFIGURE ^	intersight-ucs-server-b200-m5.5.2.0.230100.bin Cisco Intersight bundle Intersight Managed Mod 5.2(0.230100)	583.06 MiB
	Profiles	ucs-intersight-infra-4gfi.4.3.2.230129.bin Cisco Intersight bundle Intersight Managed Mod 4.3(2.230129)	1.70 GiB
	Templates		K < 1 of 1 > 기
	Policies		
	Pools		
Ō	ADMIN ^		
	Targets		
	Software Repository		
	Tech Support Bundles		

步驟 2.導覽至Operate > Server。選擇要升級的伺服器。在本例中,伺服器1/3。

≡	cisco Intersight	OPERATE > Servers	Q ⊠ 4 ▲ 6 🗹 ⊄	् 🔅 🧿 admin 🕰
<u>00o</u>	MONITOR	× All Servers ⊙ +		
Ø	OPERATE ^	Add Filter	Export 2 items found	4 🗸 per page 🔣 < 1 of 1 🖂 🕅
	Servers	Health Power HCL Statu	s Models Profile Status X	Requests (Last 24h)
	Chassis	Critical 1		a completed 1
	Fabric Interconnects	• Healthy 1 O On 1	V DEDUMIN 2 NU SERVER PAUPILES	
	HyperFlex Clusters	□ Name : Health :	M : Model :	⊙ : м: UCSDo н) ∲
×	CONFIGURE ^	() ESPUCSDOM01-X-1-2 Healthy	UCSB-B200-M5	40.8 128.0 ESPU ···
	Profiles	ESPUCSDOM01-X-1-3	UCSB-8200-M5	40.8 128.0 ESPU
	Templates			
	Policies			
	Pools			
ø	ADMIN ^			
	Targets			

步驟 3.導航到Action按鈕並按一下它,它將顯示一些選項,選擇Upgrade firmware。

≡	cisco Intersight	OPERATE > Servers > ESPUCSDOM01-X-1-3	Q 🖬 4 🔺 6 🛛 🗹	¢ ⊅ Q	🕄 🔿 admin 🕰
<u>00o</u>	MONITOR	General Inventory UCS Server Profile HCL			Actions 🗸
Ø	OPERATE ^	Details	Properties	Events	Power >
	Servers	Health E Critical	Cisco UCSB-B200-M5 Front View Top View	+ Alarms 1	System >
	Chassis	Name ESPUCSDOM01-X-1-3		+ Requests 7	Profile > ,
	Fabric Interconnects	User Label IMM_server-1		+ Advisories	Install Operating System 🔒
	HyperFlex Clusters	Management IP -			Upgrade Firmware
		Serial			Launch vKVM
×	CONFIGURE ^	PID UCSB-B200-M5			Launch Tunnalad vKVM A
	Profiles	Vendor Cisco Systems Inc			
		Revision -			Open TAC Case
	Templates	Asset Tag -			Set License Tier
	Policies	License Tier Essentials	Power O Locator LED O Health Overlay		Collect Tech Support Bundle
	Doole	Management Mode Intersight			
	10013	Chassis ESPUCSDOM01-X-1	CPUs 2 CPU Capacity (G 40.8		
Q	ADMIN ^		Threads 24 ID 3		
	Targets	Firmware Version 4.2(3g)	CPU Cores 12 Adapters 1		
		Firmware Status Success	CPU Cor 12 UUID 96D8FCBF-		

步驟 4. 確認您選擇了正確的伺服器,然後按一下Next。選擇要升級的韌體版本。

此時將顯示升級摘要。確保伺服器和韌體版本正確。

≡	cisco Intersight	Servers > Upgrade Firmware			Ĺ	🔍 🛛 4 🗛 6	ß	¢4 0°		⊘ admin &
<u>00o</u>	MONITOR	☑ Progress			ž≕ "	Confirm config	uration and initiat	e the upgrade.		
Ŷ	OPERATE ^	Ganaral								
	Servers		Firm	nware						
	Chassis	2 Version	Ver	sion	5.2(0.230100) <	9	Size	583.06 MiB		
	Fabric Interconnects	Summary	Ser	vers to be Unor	aded					
	HyperFlex Clusters			ters to be opgi	uutu					
×	CONFIGURE ^				🔁 🕴 1 items	found 50 ~	∕perpage ⊠ —	< <u>1</u> of 1 [
	Profiles		٩	Add Filter						
	Templates			lame 🔅	User L 🔅	Model 0	Firmw C	Require 🛈	UCS Domain	
	Policies				IMM_server	UCSB-B200	4.2(3g) 💮	Yes	ESPUCSDO	
	Pools							K (<u>1</u>	of1 >> >>	
ø	ADMIN ^									
	Targets	< Back Canc								Upgrade

步驟 5. 它顯示一個新視窗。啟用Reboot Immediately to Begin Upgrade,然後按一下Upgrade。

💊 註:如果不啟用,伺服器不會立即升級。伺服器在下次重新啟動之前已升級。

=	cisco Intersight	Servers > Upgrade Firmware	Q 🖬 5 🔺 6	🛛 🖓 🧠 🕄 🔿 🖓 admin 🕰
<u>00</u> 0		⊆ Progress	Confirm configu	
Ŷ		General		
		Version	Jpgrade Firmware	ize 583.06 MiB
		3 Summary	irmware will be installed on next boot. To reboot immediately, please	
		t	naue ue option below.	
×			Reboot Immediately to Begin Upgrade	
			Cancel	
				.2(3g) 🕐 Yes ESPUCSDO_
ø				
	Targets	< Back	Cancel	Upgrade

步驟 6.如果升級操作成功,則右上角會出現一個綠色框。

≡	cisco Intersight	OPERATE > Servers □ □ q<1	ଦ୍ ତ	⊘ admin ⊉
<u>00o</u>	MONITOR	× All Servers ⊘ +	Successfully initiated	
Ŷ	OPERATE ^	Add Filter C Items for the State of the Stat	firmware upgrade for selected servers	the Close
	Servers	Health Power HCL Status Models Profile Status 🕅	Requests (Last 24	h) 🗐
	Chassis	Critical 1 On 1 On 1 On 1 On 1		ompleted 1
	Fabric Interconnects	2 • Healthy 1 Off 1	2 • Ri	anning 1
	HyperFlex Clusters	Name C Health C M C Model C	⊙ : M :	UCS Do H> 🖗
\times	CONFIGURE ^	CSB-B200-M5 UCSB-B200-M5	40.8 128.0	
	Profiles		40.8 128.0	
	Templates		120.0	
	Policies			
	Pools			
ø	ADMIN ^			
	Targets			

步驟 7.按警報按鈕旁邊的圖示檢查升級進度。

≡	cisco Intersight	OPERATE > Servers	ද 🔅 🧿 admin 싶
<u>00o</u>	MONITOR	× All Servers ⊙ +	
Ŷ	OPERATE ^	···· 🖉 🔍 Add Filter 🛛 🖸 Export 2 items found	5 ∨ perpage K < 1 of 1 ⊃ >>
	Servers	Health Power HCL Status Models Profile Status $ar{X}$	Requests (Last 24h)
	Chassis	Off 1 O	e Completed 1
	Fabric Interconnects	• Healthy 1 O On 1	• Running 1
	HyperFlex Clusters	Name : Health : M : Model :	⊙ : M : UCS Do H> ∳
×	CONFIGURE ^	ESPUCSDOM01-X-1-2 Healthy UCSB-B200-M5	40.8 128.0 ESPU ···
	Profiles	C ESPUCSDOM01-X-1-3 C ESPUCSDOM01-X-1-3 UCSB-8200-M5	40.8 128.0 ESPU ···
	Templates		К < 1 of 1 > Э
	Policies		
	Pools		
ģ	ADMIN ^		
	Targets		

≡	cisco Intersight		Requests > Upg	rade Firmware	요 🖬 5 🔺 6 🔷 기 🛛 ⊄ 4 🖉 🗍 🤅	⑦ │ admin &
<u>00o</u>	MONITOR		Details		Execution Flow	
Ŷ	OPERATE		Status	O In Progress	Progress	22%
	Servers		Name	Upgrade Firmware	Wait for image download to complete in endpoint. 0% completed.	
	Chassis Fabric Interconnects		ID Target Type	655ce22a696f6e2d309e6895 Blade Server	 Initiate image download to endpoint. Nov Download intersight-ucs-server-b200-m5.5.2.0.230100.bin request is submitted successfully. 	
	HyperFlex Clusters		Target Name Source Type	ESPUCSDOM01-X-1-3 Firmware Upgrade	Wait for the image download to complete in the local repository. Nov Image is already imported, skipping to wait.	
×	CONFIGURE Profiles		Source Name Initiator	FLM2402001F admin@local	Prepare image download to copy the image from an external location to the local repository. Nov Uploader operation skipping as file is already imported.	
	Templates		Start Time End Time	Nov 21, 2023 11:00 AM -	⊘ Validate the requirements for the endpoint. Nov	
	Policies		Duration	6 m 52 s		
	Pools		Organizations			
ģ	ADMIN					
	Targets					

步驟 8.完成後,在General頁籤上驗證伺服器的新韌體版本。此伺服器現在具有韌體版本 5.2(0.23)。

≡	cisco Intersight	OPERATE > Servers > ESPUCSDOM01-X-1-3	Q 🛛	3▲6 🖸 📢 🗘 🗯	ා ල admin <u>A</u>
<u>00o</u>	MONITOR	General Inventory UCS Server Profile HCL			Actions 🗸
Ŷ	OPERATE ^	Details	Properties	Events	
	Servers	Health 📀 Healthy	Cisco UCSB-B200-M5 Front View	v Top View + Alarms	No Alarms
	Chassis	Name ESPUCSDOM01-X-1-3		Requests 10	
	Fabric Interconnects	User Label IMM_server-1		Advisories	No Advisories
	HyperFlex Clusters	Management IP - Serial			
×	CONFIGURE ^	PID UCSB-B200-M5			
	Profiles	Vendor Cisco Systems Inc Revision -			
	Templates	Asset Tag -			
	Policies	License Tier Essentials	Power 🕐 Locator LED O He	alth Overlay 🌉	
	Pools	Management Mode Intersight	00110 0 00110 ¹ t-/0		
۵	ADMIN ^	Chassis ESPUCSDOM01-X-1	CPUs 2 CPU Capacity (G	40.8 3	
	Targets	Firmware Version 5.2(0.230100) Firmware Status Success	CPU Cores 12 Adapters CPU Cor 12 UUID	1 96D8FCBF-	

驗證

FOR FABRIC INTERCONNECT

```
ESPUCSDOM01-X-A# connect nxos
ESPUCSDOM01-X-A(nx-os)#show version | egrep NXOS
NXOS: version 9.3(5)I43(2b) <<<<
NXOS image file is: bootflash:///ucs-6400-k9-system.9.3.5.I43.2b.bin
NXOS compile time: 10/23/2023 15:00:00 [10/23/2023 18:26:58]
```

FOR SERVER

ESPUCSDOM01-X-A# connect cimc 1/3 [help]#version ver: 5.2(0.230100) <<<< Build Time: Wed Nov 1 17:14:35 2023 Build Sha: 7e4aab46a4c04c403b3a2ae380572c38c3c4ef18 Build Tools: armv7-cortex_a9_v011-linux-gnueabi

相關資訊

<u>Cisco Intersight Virtual Appliance and Intersight Assist入門指南</u>

關於此翻譯

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