Upgradeinfrastructuur en serverfirmware in intersight beheerde modus voor Intersight Private Virtual-applicatie.

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# Inleiding

In dit document wordt het upgradeproces voor een UCS-domein en -server op een Private Virtual Applicatie (PVA) beschreven.

Voorwaarden

Vereisten

Cisco raadt kennis van de volgende onderwerpen aan:

- Algemene kennis en begrip van Intersight Managed Mode (IMM).
- Intersight Private Virtual Applicatie (PVA).

# Gebruikte componenten

De informatie in dit document is gebaseerd op de volgende software- en hardware-versies:

- Cisco UCS 6454 54-poorts fabric interconnect, firmware 4.2.3(d)
- Cisco UCS B200 M5-bladeserver, firmware 4.2.1(a)

De informatie in dit document is gebaseerd op de apparaten in een specifieke laboratoriumomgeving. Alle apparaten die in dit document worden gebruikt, zijn gestart met een uitgeschakelde (standaard) configuratie. Als uw netwerk live is, moet u zorgen dat u de potentiële impact van elke opdracht begrijpt.

# Achtergrondinformatie

Een Private Virtual Applicatie (PVA) is een on-site versie van het Cisco Intersight-platform dat is ingekapseld in een virtuele machine. Het biedt dezelfde functies en voordelen als de cloud-gebaseerde Intersight-service, inclusief infrastructuurbeheer en automatisering, maar binnen een privaat netwerk. Dit komt tegemoet aan de behoeften van organisaties die een hoog niveau van gegevensbeveiliging nodig hebben, zoals organisaties met strikte nalevings- en regelgevingsvereisten.

Softwarepakketten voor PVA-omgevingen worden opgeslagen in Intersight en kunnen worden gedownload via de Intersight Appliance-account.

Configureren

Voordat u begint

Navigeer naar deze link om uw account in te stellen: <u>Een Appliance-account aanmaken.</u> Volg de stappen, accepteer de licentieovereenkomst en maak er een accountnaam voor.

Upgrade voor fabric interconnect

Stap 1. Nadat de Applicatie Account is gemaakt, navigeer je naar Software Downloads > Software Catalog > Firmware.

Zoek naar de firmware-versie die u wilt gebruiken. Klik op de naam.

 $\wp$  Tip: vouw de naamkolom uit om het model van het apparaat en de versie te zien.

≡ duals Intersight <b>#8</b>	System 🗸				Q Search	) ଡ ା ନ
🛓 Software Downloads	Only one user with the Account Administrator role exi	sts. To reduce user management, config	guration and security risks, it's st	trongly		
Settings	recommended to add at least one more Account Adm	nistrator. Go To Users				
🕕 Admin 🗠	Software Downloads					
Audit Logs						
	Utility) must be downloaded from	Central	other software at	Center		
Sessions	A 18 Developed a tection of the officer	Formation (A) M/C -L				
	Al Downloads Applance HyperHex UCS Director	Firmware o IKS T				1.4100
					Export 320 items found 50 V per page 📧 🔇	- or / D D
New Command Palette	Name :	Type : \	Version :	Size :	Description : Release Date	: 9
Navigate Intersight with Ctrl+K or go to Help > Command Palette		Firmware 5	5.2(0.230092)	707.5 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 5	5.2(0.230092)	710.4 MiB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4	4.3(2.230129)	1784.3 MiB	Cisco Intersight Infrastructur Nov 15, 2023	
		Firmware 4	4.3(2.230129)	1743.6 MiB	Cisco Intersight Infrastructur Nov 15, 2023	
		Firmware 5	5.2(0.230092)	608.8 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 5	5.2(0.230100)	566.6 MB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 5	5.2(0.230100)	583.1 MiB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 5	5.2(0.230100)	583.1 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4	4.3(2.230270)	826.5 MB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4	4.3(2.230270)	805 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4	4.3(2.230270)	724.2 MIB	Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4	4.3(2.230270)	712 MiB	Cisco Intersight Server Bundle Nov 15, 2023	

Stap 2. In het nieuwe venster ziet u meer gedetailleerde informatie over de verpakking. Zorg

ervoor dat dit degene is die u nodig hebt. Klik op de knop Download (Downloaden). De Fabric upgrade is bijvoorbeeld bedoeld voor 4.3.2.

≡	disco Intersight	48	System 🗸			Q Search	<u>ଡ</u> ା ନ
4	Software Downloads Settings Admin Audit Logs		Orey one user with the Account Adminis recommended to add at least one more     Software Downloads     ucs-intersight-infra-	trator role exists. To reduce user managem Account Administrator. Go To Users 4gfi.4.3.2.230129		X	
Nar to 1	Sessions Command Palette rigate Intersight with Cert-K or g telp > 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 Ney 15, 2023	Information Description Cisco Intersight Infrastructure Bundle		Checksum Information SHA512 bd8368ca0f4cb4ecaed24789cad0bde1f6777aed3 MD5 67cd17be14af7281c6c11e157f029c00	17f8dd043ef1cdffe4533c053577b7

Stap 3. Wanneer de download is voltooid, opent u een tabblad in uw browser en logt u in op uw Private Virtual-applicatie.

Navigeer naar Beheer > Software Repository > Software Files. Op dit tabblad ziet u de lijst met pakketten die beschikbaar zijn voor een upgrade en klikt u op Software uploaden.

=	cisco Intersight	ADMIN > So	ftware Repository					🗘 🖪 3 🔺 6	ß	\$2	Q,	٢	0	admin &
	Chassis Fabric Interconnects	Firmware Links	Software Files	OS Image Links	scu	Links OS Configu	ration File	ts					Upload	Software
	HyperFlex Clusters								0 items for	nd <u>10</u>	∽ per page		of 0 🕞 🖂	
×	CONFIGURE ^	Name				Description		Туре		Version		Size		
	Profiles													
	Templates													
	Policies												< < 0 of	
	Pools													
ø	ADMIN ^													
	Targets													
	Software Repository													
	Tech Support Bundles													

Stap 4. Blader naar het pakket voor uw Fabric Interconnect en upload het.



Stap 5. Klik na het in kaart brengen op de knop Voltooien.

≡	allalla cisco Intersight	ADMIN > Software Repository >	Software Files > Upload	Ĺ	û ■ 3 🔺 6	ß	r‡ Q,	۲	0	admin 🔔
	Chassis Fabric Interconnects	œ Progress			Step 1					
	HyperFlex Clusters	Upload Software			cify the path to the					
×	CONFIGURE ^									
	Profiles			You can down     Appliance Por	nload the required so rtal. To log in to you	oftware from you r Private Applian	r Private ce Account,			
	Templates			click here						
	Policies			Local Ma	achine	Netwo	k Share			
	Pools			Browse	Selected File	ucs-intersight-inf	ra-4ofi… ⊚ ×			
þ	ADMIN ^									
	Targets									
	Software Repository									
	Tech Support Bundles									
		Cancel							Fin	ish

Stap 6. U kunt de voortgang zien in het pictogram links van de knop Waarschuwing.

Bevestig op het tabblad Software Files dat uw downloads gebruiksklaar zijn. Verfris de pagina indien nodig.

≡	cisco Intersight	ADMIN > Software Repository	두려 🤇 🔇 🔿 admin 🕰
	Chassis	Firmware Links Software Files OS Image Links SCU Links OS Configuration Files	File Upload ×
	Fabric Interconnects	* All Firmware Links 💿 +	<ul> <li>ucs-intersight-infra-4gfi.4.3.2.2301 1743.6 MiB 1% Software Repository List</li> </ul>
	HyperFlex Clusters		
×	CONFIGURE ^	File Name : Version : Supported Models File Location	
	Profiles		
	Templates		
	Policies		
	Pools		
ē	ADMIN ^		
	Targets		
	Software Repository		
	Tech Support Bundles		

Stap 7. Navigeer om te gebruiken > Fabric Interconnects. Selecteer het apparaat dat u moet upgraden. Klik op een Fabric Interconnect (FI) die behoort tot het cluster dat u moet upgraden.

≡	cisco Intersight	OPERATE > Fabric Interconnects		🗘 🖪 3 🔺 6		ه ا ی	0	admin 🖉
<u>000</u>	MONITOR	★ All Fabric Interconnects						
Ŷ	OPERATE /	Add Filter			2 items found 4	∽ perpage [		of 1 > 洌
	Servers	Health Connectio	n 🌾 Bundle Versi	NX-OS Version	Models			۵
	Chassis	Critical 1	cted 2					
	Fabric Interconnects	• Warning 1	NO VERSIONS	2 • 9.3(5)(42(30) 2	2 • 6454 2			
	HyperFlex Clusters	O Nama 🕺 Mashh	. Model	Dundla Vareion	LICS Domaio Brofile		Ports	
×	CONFIGURE	Native . meatur	. model	Duridie Version	ous bomain Prome	Total U	sed Av	ailable Y
	Profiles	ESPUCSDOM01-X FI-A	UCS-FI-6454		IMM_VPA	54 5	4 0	
		ESPUCSDOM01-X FI-B	al UCS-FI-6454			54 7	47	
	Templates							of 1 🕞 河
	Policies							
	Pools							
ģ	ADMIN /							

Stap 8. Zorg ervoor dat u de juiste fabric interconnect hebt geselecteerd.

Op het tabblad Details kunt u algemene informatie bekijken zoals de peer switch, IP-beheer en huidige versie.

Stap 9. Navigeer naar de knop Actie. Klik erop, het toont een paar opties, kies Upgradefirmware.

≡	cisco Intersight	OPERATE > Fabric Interconnects	> ESPUCSDOM01-X FI-A		û ⊠3▲6	19 P	Q,	😳 🧿 admin යු
	Chassis	General Inventory Connection	ons UCS Domain Profile					Actions 🗸
	Fabric Interconnects	Details	Properties				Events	Open TAC Case
	HyperFlex Clusters	Health Z	Warning UCS-FI-6454		Front View	Rear View	+ Alarms 2	Upgrade Firmware
×	CONFIGURE ^	Name ESPUCSDO	M01-X FI-A	} • • • <b>  • 8</b> • • • • •	nini minininininini		+ Advisories	Replace UCS Domain
	rofiles	Peer Switch ESPUCSDO						Collect Tech Support Bundle
	Promes	Model U	JCS-FI-6454		Health Overlay 🗨			
	Templates	Serial						
	Policies	Management IP	Mode		Access			
	Pools	Mode	Intersight Etherne	t end-host	IP Addre			
ø	ADMIN ^	UCS Domain Profile	FC Swite	cend-host	Subnet			
-	Targets	UCS Domain Profile	Admin E Oper Ev	E O Disabled	Default			
	Software Repository	Bundle Version	4.1(3j)		MAC			
	Tech Support Bundles	NX-OS Version 7.0(	3)N2(4.13i)					
		Organizations priv	ate-catalog					

Stap 10. Er verschijnt een venster met basisinstructies voor het uitvoeren van de upgrade. Klik op Start.

Stap 11. U kunt de lijst zien van Stoffen Interconnect die door Intersight worden geclaimd. Het domein waarop u eerder hebt geklikt, wordt automatisch geselecteerd.

≡	cisco Intersight	Fabric Interconnects > Upgrade Firmware	다 🖬 3 🔺 6 🕝 🥵 🤤 🕜 admin 🔔
<u>00o</u>	MONITOR	⊆ Progress	Step 1
Ŷ	OPERATE ^		General
	Servers	General	Ensure selected Fabric Interconnects meet requirements for firmware upgrade.
	Chassis	2 Version	
	Fabric Interconnects	3 Summary	Confirm Fabric Interconnects Selection 1 Selected
	HyperFlex Clusters		<ul> <li>Infrastructure firmware upgrade can be performed only on a pair of Fabric Interconnects at once</li> </ul>
×	CONFIGURE ^		
	Profiles		1 items found   10 ∨ per page K < 1 of 1 >> >
	Templates		
	Dellaise		Domain Name : Fabric Interconnect A Fabric In Model Serial Bundle Ve Model Seri
	Policies		ESPUCSDOM01-X UCS-FI-6_ FD02444_ UCS-FI-6_ FD0
	Pools		
ø	ADMIN ^		Selected for Show Selected Unselect All [K] ( ] 1 of 1 [S] [S]
		< Back Cancel	Next >

Stap 12. Pakketversie 4.3.2 is bijvoorbeeld beschikbaar. Selecteer uw versie en klik op Volgende om verder te gaan.

≡	المان، Intersight	Fabric Interconnects > Upgrade Firmware	다. 🖪 3 🔺 6 🛛 🖓 🤤 🤤 🖓 🖓 🖉 admin 🕹
<u>00o</u>	MONITOR	드 Progress	Step 2
0	OPERATE ^		
	Servers	General	Select a firmware version to upgrade the Fabric Interconnects to.
	Chassis	Version	
	Fabric Interconnects	3 Summary	Select Firmware Bundle Advanced Mode
	HyperFlex Clusters		<ul> <li>Select the firmware bundle to upgrade. By default, the upgrade enables Fabric Interconnect traffic evacuation. Use Advanced Mode to exclude Fabric Interconnect traffic evacuation.</li> </ul>
×	CONFIGURE ^		
	Profiles		1 items found 10 v per page 🔣 🤇 1 of 1 🗦 河 🥘
	Templates		Add Filter
	Delining		Version : Size : Description : ${\mathscr G}$
	Policies		4.3(2.230129) 1.70 GiB Cisco Intersight bundle
	Pools		Relacted 1 of 1 Show Selected   Incolect All
ŧ	ADMIN A		
	Targets		

Stap 13. Het toont een samenvatting van uw upgrade: de domeinnaam, serienummer, model en firmware versie.

Bevestig dat dit het juiste domein is en klik op Upgrade.

	cisco Intersight	Fabric Interconnects > Upgrade Firmware	다 🖬 3 🔺 6 📝 🧖 다, 🏹 ⑦ admin <u>&amp;</u>
<u>00 o</u>	MONITOR	⊂ Progress	<ul> <li>Selected firmware bundle will be downloaded to the Fabric Interconnects and upgraded. Click on Requests to monitor the progress of the firmware upgrade.</li> </ul>
Ŷ	OPERATE ^	(1) General	
	Servers	Version	Firmware
	Chassis		Version 4.3(2.230129) 🐵 Size 1.70 GiB
	Fabric Interconnects		Fabric Interconnects to be Upgraded
	HyperFlex Clusters		
×	CONFIGURE ^		[e] 1 items found 50 ∨ per page ⊠ < 1 of 1 > > > €
	Profiles		
	Templates		Fabric Interconnect A Fabric Interconnect B Domain Name Model Serial Bundle V Model Serial Bundle
	Policies		ESPUCSDOM01-X UCS-FI-6_ FD0244_ 4.2( () UCS-FI-6 FD0234 4.2((
	Pools		K < 1 of 1 > 7
	ADMIN ^		
	Targets	Cancel	Upgride

Stap 14. Als de upgrade succesvol is uitgevoerd, verschijnt er een groen vak in de rechterbovenhoek.

🕂 Ci	sco Intersight Help Center		📥 Softw	vare Downloads intersight - )	K 🛛 📉 Cisco Intersight	🗙 🔤 Fabri	ic Interconnects   Intersight	× + ~	🤓 Private b	rowsing	- e	ı ×	
÷	$\rightarrow$ G	08	https:/	//inter. <b>mxsvlab.com</b> /an/i	network/element-summ	aries/?\$currentPage=18:\$	ipageSize 🔂 🔍 Sei	arch		۹ ۵	් එ	∞ ≡	
≡	cisco Intersight	t	OPERA	TE > Fabric Interconnec	ts		🗘 🖬 3 🗛 6	O 1   🕫	٩		() a	dmin 🔔	
000	MONITOR		× Al	I Fabric Interconnects 🛞					Successfully	initiated			
	OPERATE	^		Q Add Filter				t 2 items fou	firmware upg selected Fabi	rade for the ic Interconr	nects		
	Servers		Healt	th	Connection %	Bundle Version	NX-OS Version	Models			١	un <sup>E</sup>	
	Chassis		(	2 Critical 1	© Connected 2	2 • 42/3d) 2	2 9.3(5)(4)	2(3c) 2	• 6454 <b>2</b>		(		
	Fabric Interconnects			• Warning 1	• Warning 1								
	HyperFlex Clusters			Name 0	Health 0	Model 0	Bundle Version	UCS Domain Profile	Tatal	Ports	Ausilable		
×	CONFIGURE				A Warning	UCS-FI-6454	4.2(3d)		54	54			
	Profiles				Critical	UCS-FI-6454	4.2(3d)		54				
	Templates										1 of 1		
	Policies												
	Pools												
ŧ	ADMIN												
	Targets												

Stap 15. Druk op het pictogram naast de alarmknop om de voortgang van de upgrade te controleren.

** Ci	sco Intersight Help Center	×		× 🔤 Cisco Intersight	X 🔤 Fabri	ic Interconnects   Intersight )	< +	🗸 💿 Private	browsing — 🗇 🗙
÷	$\rightarrow$ G	08	https://inter.mxsvlab.com/an/	/network/element-summ	aries/?\$currentPage=1&\$	ipageSize ☆ Q Sea	arch		ද 🛃 😂 ≡
≡	cisco Intersigh	t	OPERATE > Fabric Interconne	cts		🗘 🛛 3 🗛 6		ଟ୍ଟ   ୦,	🕄 🔿 🛛 admin 🚨
<u>00</u> 0	MONITOR		★ All Fabric Interconnects ⊗					Requests	All Active Completed $\times$
۲	OPERATE						2 items	<ul> <li>Upgrade Firmware</li> </ul>	In Progress
	Servers		Health	Connection %	Bundle Version	NX-OS Version		FD02444067B	a few seconds ago
	Chassis		Critical 1	© Connected 2					
	Fabric Interconnects		2 • Warning 1		2 • 4.2(3d) 2	2 • 9.3(5)142	(3c) 2		
	HyperFlex Clusters		Name 3	Health	Model 3	Bundle Version	UCS Dom:		
×	CONFIGURE		ESPUCSDOM01-X FI-A	A Warning	UCS-FI-6454	4 2(3d)	IMM VPA		
	Profiles			Critical		4 2/24)	INANA VITA		
	Templates			Citical	003770434	4.2(30)			
	Policies								
	Pools								
ē	ADMIN								
	Tarpets								
									View All

Stap 16. Er is een ontvangstbewijs nodig voor de herstart van de Fabric. Klik op Doorgaan om met de upgrade verder te gaan.

** Ci	sco Intersight Help Center		🕂 Cisco Intersight	× 🕒 Cisco Intersight	X 🔤 Requests Upgrade Firmware     X + V 😒 Private browsing - 🗇	
÷	$\rightarrow$ G	08	https://inter.mxsvlab.co	<b>m</b> /an/workflow/workflow-info	os/6557cb7b696f6e2d309bad18/ 🔂 🔍 Search 🔍 🖞 오	≡
≡	cisco Intersight	t	Requests > Upgrade Fir	mware	Q, 🖬 4 🔺 6   ◯ 1 ③ 1   📢   ◯,   〇   ④   admin ,	۵
<u>00o</u>	MONITOR		Details		Execution Flow	
	OPERATE		Status	Action Required	Progress 68%	
	Servers		Name	Upgrade Firmware	Wait for a user acknowledgement on Fabric Interconnect - A.	
	Chassis			6557cb7b696f6e2d309bad18	<ul> <li>Firmware upgrade for Fabric Interconnect - B is complete. Ensure Fabric Interconnects meet requirements to continue upgrade. Places acknowledge to continue with Eabric Interconnect. A upgrade. Learn more at</li> </ul>	
	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 unsintersing information of a 2 2/20120 bit successfully cached in Eabrin Interconnect(s).	
			Initiator	admin@local		
	Templates		Start Time	Nov 17, 2023 2:22 PM	Initiate image download to endpoint. Nov 17, 2023 2:55 PM Image use interview interview and the download tensor will be a serve ablence the download tensor will be a serve ablence the download tensor will be a serve ablence to a serve abl	
	Policies		End Time		image ucs intersignemina 44(1).4.3.2.30 (29.0) already available in a cache, skipping the dowindad. 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 PM	
۲	ADMIN		Omenizations			
	Targets		organizations		Wait for firmware upgrade in Fabric Interconnect - B.         Nov 17, 2023 2:55 PM           Successfully upgraded Fabric Interconnect.         Nov 17, 2023 2:55 PM	

Stap 17. Controleer of de upgrade met succes is voltooid in de kolom Bundle-versie van het tabblad Fabric Interconnects.

#### Beide FI's staan nu in versie 4.3.2.

≡	cisco Intersight	OPERATE > Fabric Interconnects			û 🛛 3 🗸 6	₽ <b>₽</b>	۹   ۱	<b>e</b>   c	) adn	nin 🕰
<u>00o</u>	MONITOR	* All Fabric Interconnects ③	+							
Ŷ	OPERATE ^	Add Filter				2 items found 5	∽ per pag		1 of 1 🗅	
	Servers	Health C	connection % B	undle Version	NX-OS Version	Models				۵
	Chassis	• Critical 1	Ocnnected 2	• 4 3/2 2201201		2(5)(42(25)) 2	. 6454			
	Fabric Interconnects	• Warning 1		2 • 4.3(2.230129) 2				2		
	HyperFlex Clusters	Name : I	Health 3	Model 3	Bundle Version	UCS Domain Profile		Ports		
×	CONFIGURE ^		A Warning	UCS-FI-6454	4.3(2.230129)		Total 54	Used 54	Available 0	
	Profiles	ESPUCSDOM01-X FI-B	Critical	UCS-FI-6454	4.3(2.230129)	IMM_VPA	54		47	
	Templates								1 of 1 🖸	
	Policies									
	Pools									
Q	ADMIN ^									
	Targets									

# Server-upgrade

Stap 1. Upload het firmware-pakket voor de server op Admin > Software Repository > Software Files > Upload Software.

Controleer of dit wordt vermeld wanneer het uploaden is voltooid.

≡	cisco Intersight	ADMIN > Software Repository	③ ② admin 요
	Chassis	Firmware Links Software Files OS Image Links SCU Links OS Configuration Files	Upload Software
	Fabric Interconnects	C Add Filter     C Export     2 items found     10 v per page	< 1 of1 >>> 😳
	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		[[] [] [] [] [] [] [] [] [] [] [] [] [] [] [
	Policies		
	Pools		
ø	ADMIN ^		
	Targets		
	Software Repository		
	Tech Support Bundles		

Stap 2. Navigeer naar Bedienen > Server. Selecteer de server die u wilt upgraden. Bijvoorbeeld server 1/3.

≡	cisco Intersight	OPERATE > Servers Q	nin 🕰
<u>00o</u>	MONITOR	* All Servers ⊙ +	
Ŷ	OPERATE ^	🖉 🔍 Add Filter 🛛 🔂 Export 2 items found 4 🗸 per page 🔣 🔇 1 of 1 🖸	
	Servers	Health Power HCL Status Models Profile Status X Requests (Last 24h)	٥
	Chassis	Critical 1     O Incomplete 2     A R200 M5 2     NO SERVER DROEULES     1     Serverbland 1	
	Fabric Interconnects	e Healthy 1     On 1     On 1     On 1	
	HyperFlex Clusters	Name Health M Model O M UCS Do H>	
×	CONFIGURE ^	C ESPUCSDOM01-X-1-2 ESPU UCSB-B200-M5 40.8 128.0 ESPU	
	Profiles	(1) ESPUCSDOM01-X-1-3 II Critical UCSB-B200-M5 40.8 128.0 ESPU	
	Templates		
	Policies		
	Pools		
ð	ADMIN ^		
	Targets		

Stap 3. Navigeer naar de knop Actie en klik erop, het toont enkele opties, selecteer Upgradefirmware.

≡	cisco Intersight	OPERATE > Servers > ESPUCSDOM01-X-1-3	û 🛛 4 🔺 6	<b>4</b> 4 of	්ට ∂ admin ዾ
<u>00o</u>	MONITOR	General Inventory UCS Server Profile HCL			Actions v
Ŷ	OPERATE ^	Details	Properties	Events	Power >
	Servers	Health 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-8200-M5			
	Profiles	Revision -			Open TAC Case
	Templates	Asset Tag -			
	Dolicies	License Tier Essentials	Power 🕐 🛛 Locator LED 💿 🛛 Health Overlay 🌑		Set License Tier
	Pondes	Management Mode Intersight			Collect Tech Support Bundle
	Pools		CPUs 2 CPU Capacity (G 40.8		
Q	ADMIN ^	Chassis ESPUCSDUMUT-X-T	Threads 24 ID 3		
	Targets	Firmware Version 4.2(3g)	CPU Cores 12 Adapters 1		
		Firmware Status O Success	CPU Cor_ 12 UUID 96D8FCBF-		

Stap 4. Controleer of u de juiste server hebt geselecteerd en klik op Volgende. Selecteer de firmware-versie die u wilt upgraden.

Er wordt een samenvatting van de upgrade weergegeven. Controleer of de versie van de server en de firmware correct zijn.

≡	cisco Intersight	Servers > Upgrade Firmware	유 🖪 4 🔺 6 🛛 🔂 🤘 🤨 🖉	admin 🖉
<u>00o</u>	MONITOR	⊂ Progress	Confirm configuration and initiate the upgrade.	
Ŵ	OPERATE ^	General		
	Servers	Ŭ	Firmware	
	Chassis	(2) Version	Version 5.2(0.230100) @ Size 583.06 MiB	
	Fabric Interconnects	3 Summary	Servers to be Upgraded	
	HyperFlex Clusters			
×	CONFIGURE ^		[-] 1 items found   50 ∨ per page K < 1 of 1 >> >>   ③	
	Profiles			
	Templates		Name : User L : Model : Firmw : Require ① UCS Domain	
	Policies		ESPUCSDO IMM_server UCSB-B200 4.2(3g) () Yes ESPUCSDO	
	Pools		K < <u>1</u> of 1 > >	
Q	ADMIN ^			
	Targets	< Back Cancel		lpgrade

Stap 5. Het toont een nieuw venster. Schakel Reboot Direct in om met upgrade te beginnen en klik op Upgrade.

Opmerking: als u de server niet inschakelt, wordt deze niet direct bijgewerkt. De server wordt bijgewerkt tot de volgende herstart.

=	cisco Intersight	Servers > Upgrade Firmware	Q 🖪 5 🔺 6	🛛 🖓 🖓 🖓 🖓 🖉 🖓 admin 🕰
<u>00o</u>		🔄 Progress	Confirm configu	
Ŵ		() control		
		General		
		(2) Version	Jpgrade Firmware	ize 583.06 MiB
		3 Summary	 irmware will be installed on next boot. To reboot immediately, please	
		e	nable the option below.	
×			Reboot Immediately to Begin Upgrade	perpage K K I of I 🕅 🤯
			Cancel	
				L2/30) ① Yes ESPUCSDO
a				
ছি				

Stap 6. Als de upgrade succesvol is uitgevoerd, verschijnt er een groen vak in de rechterbovenhoek.

≡	،راریان cisco Intersight	OPERATE > Servers	û 🛛 5 🔺 6 🛛 0 1 🛛 ⊄	۵ ۵	⊘ admin ⊉
		★ All Servers ⊙ +		Successfully initiated firmware upgrade for	the Close
			Export 2 items fo ind	selected servers	< <u>1</u> 여1 > > >
	Servers	Health Power HCL Status	Models Profile Status 🕅	Requests (Last 24	n) 🗐
	Chassis	© On 1 © Incomplete 2			empleted 1
	Fabric Interconnects	2 Healthy 1 Off 1	2 • B200 M5 2 NO SERVER PROFILES	2 • Ru	nning 1
	HyperFlex Clusters	Name : Health : M	C Model C	⊙ : M :	UCS Do H> &
×	CONFIGURE ^		11000 0000 MF	40.0 100.0	
	Profiles	C Healthy	UC58-8200-M5	40.8 128.0	
		() ESPUCSDOM01-X-1-3 O Critical	UCSB-B200-M5	40.8 128.0	
	Templates				< 1 of1 > >>
	Policies				
	Pools				
Q	ADMIN ^				
	Targets				

Stap 7. Druk op het pictogram naast de alarmknop om de voortgang van de upgrade te controleren.

≡	cisco Intersight	OPERATE > Servers	1 또 Q ③ ⑦ admin 요
<u>00o</u>	MONITOR	* All Servers ⊙ +	
Ŷ	OPERATE ^		items found 5 🗸 per page 📧 < 1 of 1 🗦 河
	Servers	Health Power HCL Status Models Profile	Status X Requests (Last 24h)
	Chassis	• Critical 1 O Incomplete 2	• Completed 1
	Fabric Interconnects	elity 1     On 1     elity 1     On 1	WER PROPILES
	HyperFlex Clusters	□ Name : Health : M_ : Model	: () : M., : UCSDo,,, H) ∳
×	CONFIGURE ^	C ESPUCSDOM01-X-1-2 Healthy UCSB-B200-M5	40.8 128.0 ESPU ···
	Profiles	C ESPUCSDOM01-X-1-3     C ESPUCSDOM01-X-1-3     C ESPUCSDOM01-X-1-3	40.8 128.0 ESPU ···
	Templates		য়ে 1 of1 চাস
	Policies		
	Pools		
ģ	ADMIN ^		
	Targets		

≡	cisco Intersight	Requests > Upgrade	e Firmware	Q ■ 5 A 6 O 1   94 O Q   ③   ④	) 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.	
	Fabric Interconnects	Target Type	Blade Server	<ul> <li>Initiate image download to endpoint. Nov 2 Download intersight-ucs-server-b200-m5.5.2.0.230100.bin request is submitted successfully.</li> </ul>	
	HyperFlex Clusters	Target Name Source Type	Firmware Upgrade	Wait for the image download to complete in the local repository.     Nov 2     Image is already imported, skipping to wait.	
×	Profiles	Source Name Initiator	FLM2402001F admin@local	Prepare image download to copy the image from an external location to the local repository. Nov 2 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 2	
	Policies	Duration	6 m 52 s		
ø	ADMIN	Organizations			
	Targets				

Stap 8. Controleer na voltooiing de nieuwe firmware-versie voor de server op het tabblad Algemeen. De firmware van deze server is nu versie 5.2(0.23).

≡	cisco Intersight	OPERATE > Servers > ESPUCSDOM01-X-1-3	Q 🛛 3 🔺 6	;
<u>00o</u>	MONITOR	General Inventory UCS Server Profile HCL		Actions
Ŷ	OPERATE ^	Details	Properties	Events
	Servers	Health O Healthy	Cisco UCSB-B200-M5 Front View To	op View + Alarms No Alarms
	Chassis	Name ESPUCSDOM01-X-1-3		+ Requests 10 0 10
	Fabric Interconnects	User Label IMM_server-1		+ Advisories No Advisories
	HyperFlex Clusters	Management IP -		
×	CONFIGURE ^	PID UCSB-8200-M5		
	Profiles	Vendor Cisco Systems Inc Revision -		
	Templates	Asset Tag -		
	Policies	License Tier Essentials	Power O Locator LED O Health Ove	rlay 🌑
	Pools	Management Mode Intersight		
Ø	ADMIN ^	Chassis ESPUCSDOM01-X-1	CPUs 2 CPU Capacity (G., 40.8 Threads 24 ID 3	
-	Targets	Firmware Version 5.2(0.230100)	CPU Cores 12 Adapters 1	
		Firmware Status O Success	CPU Cor 12 UUID 96D8	FCBF-

### Verifiëren

#### 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
```

#### Gerelateerde informatie

Cisco Intersight Virtual-applicatie en Intersight Assist aan de slag

#### Over deze vertaling

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