Aggiornamento dell'infrastruttura e del firmware del server in modalità Intersight Managed per Intersight Private Virtual Appliance.

Sommario

Introduzione
Prerequisiti
Requisiti
Componenti usati
Premesse
Configurazione
Operazioni preliminari
Aggiornamento Fabric Interconnect
Aggiornamento server
Verifica
Informazioni correlate

Introduzione

In questo documento viene descritto il processo di aggiornamento per un dominio e un server UCS su un'appliance virtuale privata (PVA).

Prerequisiti

Requisiti

Cisco raccomanda la conoscenza dei seguenti argomenti:

- Conoscenze generali e comprensione di Intersight Managed Mode (IMM).
- Descrizione di Intersight Private Virtual Appliance (PVA).

Componenti usati

Le informazioni fornite in questo documento si basano sulle seguenti versioni software e hardware:

- Cisco UCS 6454 Fabric Interconnect a 54 porte, firmware 4.2.3(d)
- Server blade Cisco UCS B200 M5, firmware 4.2.1(a)

Le informazioni discusse in questo documento fanno riferimento a dispositivi usati in uno specifico ambiente di emulazione. Su tutti i dispositivi menzionati nel documento la configurazione è stata

ripristinata ai valori predefiniti. Se la rete è operativa, valutare attentamente eventuali conseguenze derivanti dall'uso dei comandi.

Premesse

Un PVA (Private Virtual Appliance) è una versione locale della piattaforma Cisco Intersight incapsulata in una macchina virtuale. Offre le stesse funzionalità e gli stessi vantaggi del servizio Intersight basato su cloud, tra cui la gestione e l'automazione dell'infrastruttura, ma all'interno di una rete privata. In questo modo è possibile soddisfare le esigenze delle organizzazioni che richiedono un elevato livello di sicurezza dei dati, ad esempio quelle con requisiti normativi e di conformità rigorosi.

I pacchetti software per ambienti PVA sono archiviati in Intersight e possono essere scaricati tramite l'account Intersight Appliance.

Configurazione

Operazioni preliminari

Passare a questo collegamento per impostare l'account: <u>Creazione di un account di accessorio</u>. Seguire i passaggi, accettare il contratto di licenza e creare un nome account per il contratto.

Aggiornamento Fabric Interconnect

Passaggio 1. Una volta creato l'account dell'accessorio, selezionare Download di software > Catalogo software > Firmware.

Cercare la versione del firmware a cui si desidera passare. Fare clic sul nome.

Suggerimento: espandere la colonna del nome per visualizzare il modello del dispositivo e la versione.

≡ disco Intersight #	System V				Q Search	ଡ
📥 Software Downloads	Only one user with the Account Administrator role exist	ts. To reduce user management, config	guration and security risks, it's st	trongly		
Settings	recommended to add at least one more Account Admir	histrator. Go To Users				
Admin ^	Software Downloads					
Provin Loga	Utility) must be downloaded from	Central	other software at	Center		
Sessions						
	* All Downloads Appliance HyperFlex UCS Director	Firmware 0 IKS +				
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New Command Palette	Name :	Type : \	Version :	Size :	Description : R	telease 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 N	lov 15, 2023 🕁
		Firmware 5	5.2(0.230092)	710.4 MIB	Cisco Intersight Server Bundle N	lov 15, 2023 🕁
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		Firmware 5	5.2(0.230092)	608.8 MIB	Cisco Intersight Server Bundle N	iov 15, 2023 🕁
		Firmware 5	5.2(0.230100)	566.6 MIB	Cisco Intersight Server Bundle N	iov 15, 2023 🕁
		Firmware 5	5.2(0.230100)	583.1 MIB	Cisco Intersight Server Bundle N	iov 15, 2023 🕁
		Firmware 5	5.2(0.230100)	583.1 MIB	Cisco Intersight Server Bundle N	iov 15, 2023 🕁
		Firmware 4	.3(2.230270)	826.5 MB	Cisco Intersight Server Bundle N	iov 15, 2023 🛓
		Firmware 4	.3(2.230270)	805 MIB	Cisco Intersight Server Bundle N	lov 15, 2023 👌
		Firmware 4	.3(2.230270)	724.2 MiB	Cisco Intersight Server Bundle N	lov 15, 2023 👌
		Firmware 4	.3(2.230270)	712 MiB	Cisco Intersight Server Bundle N	lov 15, 2023 🗄

Passaggio 2. Nella nuova finestra è possibile visualizzare informazioni più dettagliate sul package. Assicuratevi che sia quello di cui avete bisogno. Fare clic sul pulsante Download (Scarica). Nell'esempio, l'aggiornamento di Fabric è per la versione 4.3.2.

≡	dialis Intersight	48 4	System V		Q Search	ଡ
-1	Software Downloads		Only one user with the Account Adminis recommended to add at least one more	trator role exists. To reduce user management, configuration and security risks, it's Account Administrator. Go To Users	strongly	
U	Admin Audit Logs		 Software Downloads ucs-intersight-infra- 	4gfi.4.3.2.230129.bin		Download
Na to	Sessions		Detailis Name ucs-intersight-infra-4gfi.4.3.2.23012 Type Firmware Version 4.312.230129) Size 1743.6 MIB Release Date Nov 15, 2023	Information Description Cisco Intersight Infrastructure Bundle	Checksum Information SHA512 bd8366ca0f4cb4ecaed24789cad0bds1f6777aed97f8dd043ef1cdff/ MDS 67cd17be14af7281c8c11e157f029c00	a4533c053577b7_

Passaggio 3. Al termine del download, aprire una scheda nel browser e accedere all'appliance virtuale privata.

Passare ad Amministrazione > Repository software > File software. In questa scheda è possibile visualizzare l'elenco dei pacchetti disponibili per l'aggiornamento e fare clic su Carica software.



Passaggio 4. Cercare il pacchetto per Fabric Interconnect e caricarlo.

≡	،،ا،،،ا،، دוsco Intersight	ADMIN > Software Repository >	Software Files > Upload		₲ ■ 3 ▲ 6 │ (S €	Q,	0	ා admin <u>ව</u>
	Chassis	œ Progress			Step 1				
	HyperFlex Clusters	Upload Software			Upload Softwa Upload from local ma appliance installation	I re chine or specify t file.	he path to the		
×	CONFIGURE ^								
	Profiles			You can down Appliance Po	nload the required softwa rtal. To log in to your Priv	are from your Priv vate Appliance Ac	vate ccount,		
	Templates			click here					
	Policies			Local M	achine	Network Sha	are		
	Pools				No File Selected				
ē	ADMIN ^								
	Targets								
	Software Repository								
	Tech Support Bundles								
		Cancel							Finish

Passaggio 5. Una volta eseguito il mapping, fare clic sul pulsante Fine.

≡	cisco Intersight	ADMIN > Software Repository >	Software Files > Upload	Ç) 🖪 3 🔺 6	2	1 ⁴ 9,		0	admin 🔔
	Chassis Fabric Interconnects	☑ Progress		Step 1						
	HyperFlex Clusters	Upload Software			Upload from loca appliance installa	tware I machine or spe Ition file.	cify the path to the			
×	CONFIGURE ^									
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	Templates			click here						
	Policies			Local Ma	chine	Networ	k Share			
	Pools			Browse	Selected File	ucs-intersight-inf	ra-4ofi_ ⊚ x			
ģ	ADMIN ^				ochected file (and anterorgine and				
	Targets									
	Software Repository									
	Tech Support Bundles									
		Cancel							Fini	ish

Passaggio 6. È possibile visualizzare lo stato di avanzamento nell'icona a sinistra del pulsante Avviso.

Nella scheda File software verificare che i download siano pronti per l'utilizzo. Aggiornare la pagina, se necessario.

≡	المعالية دisco Intersight	ADMIN > Software Repository	약4 C, (3) 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		

Passaggio 7. Selezionare Operate > Fabric Interconnect. Selezionare il dispositivo da aggiornare. Fare clic su una delle interconnessioni fabric (FI) appartenenti al cluster da aggiornare.

≡	cisco Intersight	OPERATE > Fabric Interconnects	Q 🛛 3 🔺 6 🛛 🖓 📢	오, 🎒 🕜 admin 요
<u>00o</u>	MONITOR	★ All Fabric Interconnects		
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	Servers	Health Connection % Bundle Versi	NX-OS Version Models	
	Chassis	Oritical 1		2
	Fabric Interconnects	• Warning 1		
	HyperFlex Clusters	□ Name : Health : Model	Bundle Version UCS Domain Profile	Ports
×	CONFIGURE ^		A IMM VPA	Total Used Available '
	Profiles			
	Templates	ESPUCSDOM01-X FI-B	4 IMM_VPA	54 7 47
	Policies			K < <u>1</u> of 1 ≥ ≫
	Doole			
-	Pous			
ģ	ADMIN ^			

Passaggio 8. Accertarsi di aver selezionato l'interconnessione fabric corretta.

Nella scheda Dettagli è possibile esaminare informazioni di carattere generale, ad esempio lo switch peer, l'indirizzo IP di gestione e la versione corrente.

Passaggio 9. Passare al pulsante Azione. Fare clic su di esso, visualizza alcune opzioni, scegliere Aggiorna firmware.

≡	cisco Intersight	OPERATE > Fabric Interco	onnects > ESPUCSE	DOM01-X FI-A	ಧಿ 🖪 ३ 🔺 ६ 🛛 🖓 📢	Q,	🔅 🔿 admin 🕰
	Chassis	General Inventory Co	onnections UCS D	oomain Profile			Actions 🗸
	Fabric Interconnects	Details		Properties		Events	Open TAC Case
	HyperFlex Clusters	Health	A Warning	UCS-FI-6454	Front View Rear View	+ Alarms 2	Upgrade Firmware
×	CONFIGURE ^	Name ESP	PUCSDOM01-X FI-A		entered groups and an and an and and and and	+ Advisories	Replace UCS Domain
	Profiles	Peer Switch ESP	UCSDOM01-X FI-B UCS-FI-6454		Health Overlay 🌉		conect recir support bundle
	Templates	Serial		Mode	Access		
	Policies Pools	Management IP Mode	Intersight	Ethernet end-host	IP Addre		
ø	ADMIN ^	UCS Domain Profile		FC Switcend-host	Subnet		
	Targets	UCS Domain Profile		Oper Ev O Disabled	Default		
	Software Repository Tech Support Bundles	Bundle Version NX-OS Version	4.1(3j) 7.0(3)N2(4.13i)		MAC		
		Organizations					

Passaggio 10. Viene visualizzata una finestra contenente le istruzioni di base per eseguire l'aggiornamento. Fare clic su Start.

Passaggio 11. È possibile visualizzare l'elenco delle interconnessioni fabric richieste da Intersight. Il dominio selezionato in precedenza viene selezionato automaticamente.

MONITOR MONITOR OPERATE Servers Chassis Chassis Fabric Interconnects HyperFlex Clusters Profiles Profiles Policies Policies <th>≡</th> <th>cisco Intersight</th> <th>Fabric Interconnects > Upgrade Firmware</th> <th>ୟ ସ 3 ▲ 6 📝 📢 ସ୍ଟି 🧿 admin ୟୁ</th>	≡	cisco Intersight	Fabric Interconnects > Upgrade Firmware	ୟ ସ 3 ▲ 6 📝 📢 ସ୍ଟି 🧿 admin ୟୁ
Image: Weight of the servers Image: Chassis Image: Chassis	<u>00o</u>	MONITOR	드 Progress	Step 1
Servers Chassis Chassis Pabric Interconnects Wersion HyperFlex Clusters Profiles Templates Policies Policies <	Ŷ	OPERATE ^		General
Chassis 2 Version Fabric Interconnects 3 Summary Confirm Fabric Interconnects Selection 1 Selected • Infrastructure firmware upgrade can be performed only on a pair of Fabric Interconnects at once MyperFlex Clusters • Infrastructure firmware upgrade can be performed only on a pair of Fabric Interconnects at once Profiles 1 items found 10 ∨ per page K < 1 of 1 ≥ ∞		Servers	General	Ensure selected Fabric Interconnects meet requirements for firmware upgrade.
Fabric Interconnects 3 HyperFlex Clusters Model Profiles Templates Policies Policies Policies Policies Policies Policies Policies Policies Selected 1 of 1 Show Selected Unselect All K		Chassis	2 Version	
HyperFlex Clusters CONFIGURE Profiles Templates Policies Policies Policies Policies Policies Selected 1 of 1 Show Selected UCS-FI-6 FD02444 UCS-FI-6 FD02444 UCS-FI-6 FD02444 UCS-FI-6 FD02444		Fabric Interconnects	3 Summary	Confirm Fabric Interconnects Selection 1 Selected
X CONFIGURE ^ Profiles 1 items found 10 ∨ per page K < 1 of 1 > > (2) Templates Q_Add Filter Q_Add Filter Add Filter Policies Ommain Name : Fabric Interconnect A Fabric Interconnect A Pools ESPUCSDOM01-X UCS-FI-6FD02444UCS-FI-6FD0244UCS-FI-6FD0244UCS-FI-6FD0244UCS-FI-6FD0244UCS-FI-6FD0244UCS-FI-6FD0244UCS-FI-6FD0244FD024FD024UCS-FI-6FD024FD024FD024FD024FD024FD024FD024FD024FD024		HyperFlex Clusters		 Infrastructure firmware upgrade can be performed only on a pair of Fabric Interconnects at once
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Policies Domain Name Fabric Interconnect A Fabric Interconnect A Pools Serial Bundle Ve Model Serial Selected 1 of 1 Show Selected Unselect All K < 1 of 1 > >		Templates		
Pools ESPUCSD0M01-X UCS-F1-6 FD02444 UCS-F1-6 FDC Selected 1 of 1 Show Selected Unselect All K 1 of 1 D		Policies		Domain Name Fabric Interconnect A Fabric In Model Serial Bundle Ve Model Seri
Selected 1 of 1 Show Selected Unselect All K < 1 of 1 > >		Doole		ESPUCSDOM01-X UCS-FI-6 FD02444 UCS-FI-6 FDC
	_	Pools		Selected 1 of 1 Show Selected Unselect All K < 1 of 1 > >
l⊈ ADMIN ^ < Back Cancel Next >	ģ	ADMIN ^	< Back Cancel	Next >

Passaggio 12. Per questo esempio, è disponibile la versione 4.3.2 del pacchetto. Selezionare la versione e fare clic su Avanti per continuare.

≡	cisco Intersight	Fabric Interconnects > Upgrade Firmwa	are Q 🖬 3 🔺 6 🖓 🤤 📀 🧿 admin 🥸
000	MONITOR	🔄 Progress	Step 2
6	OPERATE ^		Version
	Servers	General	Select a firmware version to upgrade the Fabric Interconnects to.
	Chassis	2 Version	
	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 v per page 🔣 🤇 1 of 1 🗦 🕅 🌑
	Templates		Add Filter
	Dolicine		Version : Size : Description : 🖗
	Policies		4.3(2.230129) 1.70 GiB Cisco Intersight bundle
	Pools		Salactad 1 of 1 Show Salactad Unsalact All 22 7 1 of 1 5 5
ŧ	ADMIN ^		
	Targets		hcel

Passaggio 13. Viene visualizzato un riepilogo dell'aggiornamento: nome del dominio, numero di serie, modello e versione del firmware.

cisco Intersight Fabric Interconnects > Upgrade Firmware 🖻 Progress 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 Firmware Version Chassis 4.3(2.230129) 🐵 1.70 GiB Version Size Fabric Interconnects onnects to be Upgrade Fabric Intere HyperFlex Clusters 🗶 CONFIGURE Fab Domain Name Mode Mode 4.2(... 🚯 FD0244... UCS-FI-6... FD0234... 4.2(... (Policies Pools Targets Upgrade

Confermare che il dominio sia corretto e fare clic su Aggiorna.

Passaggio 14. Se l'operazione di aggiornamento è stata completata correttamente, nell'angolo superiore destro viene visualizzata una casella verde.

🕂 Ci	sco Intersight Help Center		📥 Softw	are Downloads intersight-	× 🛛 🔤 Cisco Intersight	X 🔤 Fabri	ic Interconnects Intersight	× + ~	🤓 Private b	prowsing		ı x
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≡	cisco Intersight	t	OPERAT	TE > Fabric Interconnec	ns		û 🛛 3 🗸 6	01 🕫	ୢୢ		⑦ ac	dmin 🚨
000	MONITOR		× All	Fabric Interconnects 📀					Successfully	initiated		2
8	OPERATE							2 items fou 1 5	selected Fab	ric Interconn	ects	Liose
	Servers		Healt	h	Connection 🕅	Bundle Version	NX-OS Version	Models			Ń	μB
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	Fabric Interconnects			• Warning 1			2	• 0151 Z				
	HyperFlex Clusters			Name 0	Health :	Model :	Bundle Version	UCS Domain Profile		Ports		
×	CONFIGURE				A Warning	UCS-FI-6454	4.2(3d)		54	54	Available 0	
	Profiles			ESPUCSDOM01-X FI-B	Critical	UCS-FI-6454	4.2(3d)	IMM_VPA	54		47	
	Templates										1 of 1	
	Policies											
	Pools											
ŧ	ADMIN											
	Targets											

Passaggio 15. Premere l'icona accanto al pulsante di allarme per controllare l'avanzamento dell'aggiornamento.

*+ C	sco Intersight Help Center	×	📥 Software Downloads intersi	jht- X 🛛 📥 Cisco Intersight	X 🏧 Fabr	ric Interconnects Intersight	× +	∽ 🗢 Private	browsing — 🗇 🗙
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≡	diali cisco Intersigh	it	OPERATE > Fabric Interco	nnects		🗘 🖬 3 🗛 6		¢1 ℃	() ⑦ admin 요
<u>00a</u>	MONITOR		* All Fabric Interconnects	⊗ +				Requests	All Active Completed X
0	OPERATE		🖉 🛛 🔍 Add Filter				2 items	O Upgrade Firmware	In Progress
	Servers		Health	Connection %	Bundle Version	NX-OS Version		FD02444067B	a few seconds ago
	Chassis		Critical 1	© Connected 2					
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	HyperFlex Clusters		□ Name	: Health :	Model	Bundle Version	UCS Dom:		
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	Profiles					4 0/0d)	IRANA MITA		
	Templates				005770434	4.2(30)			
	Policies								
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¢	ADMIN								
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Passaggio 16. È necessario confermare il riavvio dell'infrastruttura. Fare clic su Continua per continuare con l'aggiornamento.

++ Ci	sco Intersight Help Center		😁 Cisco Intersight	🗙 🛛 🔤 Cisco Intersight	x 🔤 Requests Upgrade Firmware X + V 😨 Private browsing - 🗇						
÷	\rightarrow G	$\circ \epsilon$	https://inter.mxsvlab.com/	an/workflow/workflow-info	fos/6557cb7b696f6e2d309bad18/ 🔂 🔍 Search 🔍 🖞 🗠 🗄	≡					
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<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		ID 65	57cb7b696f6e2d309bad18	 Firmware upgrade for Fabric Interconnect - B is complete. Ensure Fabric Interconnects meet requirements to continue upgrade. Diagea acknowledge to continue with Fabric Interconnects. 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. Nov 17, 2023 2:55 PM Image use interesting interesting and (4.3.2.2013) bits supresentially cached in Exhibit Interconnect(c).						
			Initiator	admin@local	innege doshinersignerinna vign. 4.3.2.2.30 r.2.5.bin sociessituiny cablea in riabitic interconnecu(s).						
	Templates		Start Time	Nov 17, 2023 2:22 PM	Initiate image download to endpoint. Nov 17, 2023 2:55 PM						
	Policies		End Time		image upsimilersigneinite-egn.e.s.z.zau izv.bin 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 PM,						
ŧ	ADMIN										
-÷	Targets		Organizations		Wait for firmware upgrade in Fabric Interconnect - B. Nov 17, 2023 2:55 PM Successfully upgraded Fabric Interconnect.						

Passaggio 17. Verificare che l'aggiornamento sia stato completato nella colonna Versione bundle della scheda Interconnessioni fabric.

Entrambi gli FI sono ora nella versione 4.3.2.

≡	،۱۱،۰۱۱، دוدده Intersight	OPERATE > Fabric Interconne	cts		🗘 🛛 3 🔺 6	P 🕫	o,	e () adr	nin 🚨
<u>00o</u>	MONITOR	* All Fabric Interconnects ③								
Ŷ	OPERATE ^	Add Filter	_			2 items found 5	∽ per pag		1 of 1 🖸	
	Servers	Health	Connection %	Bundle Version	NX-OS Version	Models				٥
	Chassis	• Critical 1	Connected 2							
	Fabric Interconnects	• Warning 1		2 4.3(2.230129)) ••••••	2		
	HyperFlex Clusters	Name :	Health	Model 0	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.FL6454	4 3(2 230129)		54		47	
	Templates		Griden	000110404	4.0(2.200127)		54		•"	
	Policies									
	Pools									
ē	ADMIN ^									
	Targets									

Aggiornamento server

Passaggio 1. Caricare il pacchetto firmware per il server su Admin > Repository software > File software > Upload Software.

Verificare che sia elencato al termine del caricamento.

≡	،راندرانه دisco Intersight	ADMIN > Software Repository Q 🖬 4 🔺 6 🛛 🖓 📢	🕄 🔿 admin 🕰
	Chassis	Firmware Links Software Files OS Image Links SCU Links OS Configuration Files	Upload Software
	Fabric Interconnects		< 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		
ø	ADMIN ^		
	Targets		
	Software Repository		
	Tech Support Bundles		

Passaggio 2. Passare a Operazione > Server. Selezionare il server da aggiornare. Per questo esempio, server 1/3.



Passaggio 3. Passare al pulsante Azione e fare clic su di esso. Vengono visualizzate alcune opzioni, selezionare Aggiorna 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 v
Ŷ	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			
	Profiles	Revision -			Open TAC Case
	Templates	Asset Tag -			Opt Lineare Tim
	Policies	- License Tier Essentials	Power 🕐 Locator LED 👩 Health Overlay 🌑		Set License Tier
		Management Mode Intersight			Collect Tech Support Bundle
	Pools	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 O Success	CPU Cor 12 UUID 96D8FCBF-		

Passaggio 4. Verificare di aver selezionato il server corretto e fare clic su Avanti. Selezionare la versione del firmware da aggiornare.

Viene visualizzato un riepilogo dell'aggiornamento. Verificare che la versione del server e del firmware sia corretta.

≡	cisco Intersight	Servers > Upgrade Firmware			ᇦ ◙ 4 ▲ 6	ß	6 4 0°		0	admin 🖉
<u>00o</u>	MONITOR	☑ Progress		ž=	Confirm config	uration and initia	te the upgrade.			
Ŷ	OPERATE ^	General								
	Servers		Firmware							
	Chassis	2 Version	Version	5.2(0.230100)	٩	Size	583.06 MiB			
	Fabric Interconnects	3 Summary	Servers to be Up	graded						
	HyperFlex Clusters									
×	CONFIGURE ^			C 1 items	s found 50 \	∕ perpage K 	< 1 of 1	D D G		
	Profiles									
	Templates		Name 0	User L 🕄	Model 0	Firmw 0	Require 🛈	UCS Domain		
	Policies			IMM_server	UCSB-B200	4.2(3g) 💮	Yes	ESPUCSDO		
	Pools							of1 ⊃ ౫		
Q	ADMIN ^									
	Targets	< Back Cancel							Upgr	ade

Passaggio 5. Viene visualizzata una nuova finestra. Abilitare Riavvia immediatamente per iniziare l'aggiornamento e fare clic su Aggiorna.

Nota: se non si abilita, il server non viene aggiornato immediatamente. Il server viene aggiornato fino al prossimo riavvio.

MONITOR E Progress Confirm configuration and initiate the upgrade.	
Servers	
Chassis Upgrade Firmware ize 583.06 MiB	
Fabric Interconnects Summary Firmware will be installed on next boot. To reboot immediately, please crockled to a price below	
HyperFlex Clusters enable the option below.	
CONFIGURE ^ Per Page K C O O PER Page K C O PER Page K C O PER Page K C O O PER Page K C O P	
Profiles	
Templates Cancel Upgrade irmw. Require. O UCS Domain	
Policies Yes ESPUCSDO_	
Pools	
الله مdmin م	
Targets < Back Cancel	

Passaggio 6. Se l'operazione di aggiornamento è stata completata correttamente, nell'angolo superiore destro viene visualizzata una casella verde.

≡	cisco Intersight	OPERATE > Servers		û 🛛 5 🔺 6 🛛 0 1 🔤 🕵	Q 0	⑦ admin ₽
<u>00o</u>	MONITOR	× All Servers ⊙ +			Successfully initiate	d
Ŷ	OPERATE ^	••• 🖉 🔍 Add Filter		Export 2 items for and) firmware upgrade fo selected servers	r the Close
	Servers	Health Power	HCL Status	Models Profile Status 🕅	Requests (Last 24	ιh) ⊡
	Chassis	Critical 1	Incomplete 2	2 • B200 M5 2 NO SERVER PROFILES		completed 1
	Fabric Interconnects	• Healthy 1 0 Off 1				unning 1
	HyperFlex Clusters	Name :	Health 🗧 M 🗘	Model	⊙ ≎ м ≎	UCS Do H> 🖗
×	CONFIGURE ^		Healthy	UCSB-8200-M5	40.8 128.0	
	Profiles		Critical	UCSB-8200-M5	40.8 128.0	
	Templates					< 1 of1 > >>
	Policies					
	Pools					
Q	ADMIN ^					
	Targets					

Passaggio 7. Premere l'icona accanto al pulsante di allarme per controllare l'avanzamento dell'aggiornamento.

≡	cisco Intersight	OPERATE > Servers	Q ■ 5 ▲ 6 0 1 🕫 0, 0 admin	ድ
<u>00o</u>	MONITOR	★ All Servers ⊙ +		
Ŷ	OPERATE ^		C Export 2 items found 5 ∨ per page K < 1 of 1 ⊃ 2	
	Servers	Health Power HCL Status M	Models Profile Status 🎖 Requests (Last 24h)	
	Chassis	© Off 1 © Incomplete 2	e completed 1	
	Fabric Interconnects	2 • Healthy 1 O On 1	2 • B200 M5 2 NO SERVER PROFILES 2 • Running 1	
	HyperFlex Clusters	Name : Health : M :	Model : ○ : M : UCS Do H> ダ	
×	CONFIGURE ^	ESPUCSDOM01-X-1-2 Healthy	UCSB-8200-M5 40.8 128.0 ESPU ••	
	Profiles		UCSB-8200-M5 40.8 128.0 ESPI	
	Templates			
	Policies			
	Pools			
þ	ADMIN ^			
	Targets			

≡	cisco Intersight	Requests > Upgrade	Firmware	Q 🖬 5 🔺 6 🛛 C 1 🛛 ⊄ 4 🖓 🖓	⑦ admin 요
<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	ID Target Type	655ce22a69616e2d309e6895 Blade Server	Initiate image download to endpoint. No 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. No Image is already imported, skipping to wait.	
×	CONFIGURE	Source Name Initiator	FLM2402001F admin@local	Prepare image download to copy the image from an external location to the local repository. No Unloader operation skinoing as file is already imported.	
	Templates	Start Time End Time	Nov 21, 2023 11:00 AM -	⊘ Validate the requirements for the endpoint. No	
	Policies	Duration	6 m 52 s		
ģ	ADMIN	Organizations			
	Targets				

Passaggio 8. Al termine, verificare la nuova versione del firmware per il server nella scheda Generale. Il server dispone ora della versione firmware 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-	

Verifica

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
```

Informazioni correlate

Guida introduttiva a Cisco Intersight Virtual Appliance e Intersight Assist

Informazioni su questa traduzione

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