在Intersight管理模式下为Intersight专用虚拟设备 升级基础设施和服务器固件。

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简介

本文档介绍专用虚拟设备(PVA)上UCS域和服务器的升级过程。

先决条件

要求

Cisco 建议您了解以下主题:

- 对Intersight管理模式(IMM)的一般知识和了解。
- 了解Intersight专用虚拟设备(PVA)。

使用的组件

本文档中的信息基于以下软件和硬件版本:

- Cisco UCS 6454 54端口交换矩阵互联,固件4.2.3(d)
- Cisco UCS B200 M5刀片服务器,固件4.2.1(a)

本文档中的信息都是基于特定实验室环境中的设备编写的。用于本文的所有设备始于初始(默认)配置。如果您的网络处于活动状态,请确保您了解所有命令的潜在影响。

背景信息

专用虚拟设备(PVA)是封装在虚拟机中的Cisco Intersight平台的本地版本。它提供的功能和优势与基

于云的Intersight服务相同,包括基础设施管理和自动化,但仅限于私有网络。这满足了需要高水平数据安全的组织的需求,例如那些具有严格的合规性和法规要求的组织。

适用于PVA环境的软件捆绑包存储在Intersight中,可通过Intersight设备帐户下载。

配置

开始使用前

导航到此链接以设置您的帐户:<u>创建设备帐户。</u> 按照以下步骤操作,接受许可协议,然后为其创建帐户名称。

交换矩阵互联升级

步骤1:创建设备帐户后,导航到软件下载>软件目录>固件。

查找要转至的固件版本。单击其名称。

🔎 提示:展开名称列以查看设备的型号和版本。

≡ dualt Intersight €	System V			Q Search	ତ ।
Software Downloads Settings	Only one user with the Account Administrator role exist recommended to add at least one more Account Administrator	s. To reduce user management, configuration istrator. Go To Users	and security risks, it's strongly		
Admin ^ Audit Logs	Software Downloads				
Sessions	All Downloads Appliance HyperFlex UCS Director	Firmware IKS +	rsoftware at Center		
New Command Palette ×	3 Q Add Filter :	Type : Version	: Size	C Export 320 items found 50 v per page C C Export 320 items found 50 v per page C	د <u>1</u> of 7 کی : ۶
Navigate Intensight with Ctri+K or go to Help > Command Palette		Firmware 5.2(0.23	0092) 707.5 MIB	Cisco Intersight Server Bundle Nov 15, 2023 Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4.3(2.23	0129) 1784.3 MiB	Cisco Intersight Infrastructur Nov 15, 2023	
	ucs-intersight-infra-4gfl.4.3.2.230129.bin intersight-ucs-server-210c-m6.5.2.0.230092.bin	Firmware 4.3(2.23 Firmware 5.2(0.23	0129) 1743.6 MiB 0092) 608.8 MiB	Cisco Intersight Infrastructur Nov 15, 2023 Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 5.2(0.23 Firmware 5.2(0.23	0100) 566.6 MiB 0100) 583.1 MiB	Cisco Intersight Server Bundle Nov 15, 2023 Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 5.2(0.23 Firmware 4.3(2.23	0100) 583.1 MiB 0270) 826.5 MiB	Cisco Intersight Server Bundle Nov 15, 2023 Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4.3(2.23 Firmware 4.3(2.23	0270) 805 MiB 0270) 724.2 MiB	Cisco Intersight Server Bundle Nov 15, 2023 Cisco Intersight Server Bundle Nov 15, 2023	
		Firmware 4.3(2.23	0270) 712 MiB	Cisco Intersight Server Bundle Nov 15, 2023	

第二步:在新窗口中,您可以看到有关软件包一些更详细的信息。确保这是您需要的。单击 Download按钮。在本示例中,交换矩阵升级适用于4.3.2。

≡ diate Intersight	 iystem 🗸		Q Search Ø A
 Software Downloads Settings Admin 	Only one user with the Account Adminis recommended to add at least one more Software Downloads	strator role exists. To reduce user management, configuration and security risks, it's strongly Account Administrator. Oo To Users	×
Audit Logs	ucs-intersight-infra-	4gfi.4.3.2.230129.bin	Download
365510175	Details	Information	
New Command Palette Navigate Intersight with Ctrl+K or to Help > Command Palette	Name ucs-intersight-infra-4gfi.4.3.2.23012	Description	Checksum Information
	Type Firmware Version 4.3(2:230129) Size 1743.6 MiB Release Date Nov 15, 2023	Cisco Intersight Infrastructure Bundle	SH4512 bd8360ca0f4cb4ecaed24789cad0bde1f6777aed87f8dd043ef1cdffe4533c053577b7_ MDS 67cd17be14af7281c6c11e157f029c00

第三步:下载完成后,在浏览器中打开一个选项卡,然后登录到专用虚拟设备。

导航到管理>软件存储库>软件文件。在此选项卡中,您可以看到可供升级的程序包列表,然后点击 上传软件。

≡	cisco Intersight	ADM	IN > Sof	tware Repository					🗘 🗖 3 🗛 6	ß	₽	۹,			admin 🔬
	Chassis Fabric Interconnects	Firmw	rare Links	Software Files	OS Image Links	scu	Links OS Config	uration File	ts					Uplo	ad Software
	HyperFlex Clusters									0 items fou	nd 10	∽ per page	K < (0 of 0 >	
×	CONFIGURE ^		Name				Description		Туре		Version		: Size		
	Profiles														
	Templates														
	Policies													K < 0	K < 0 lo
	Pools														
ø	ADMIN ^														
	Targets														
	Software Repository														
	Tech Support Bundles														

第四步:浏览交换矩阵互联的包并上传。

≡	cisco Intersight	ADMIN > Software Repository >	Software Files > Upload		₲ ■ 3 ▲ 6 │ [₽ ₽	٩	0	admin 🖉
	Chassis	Progress			Step 1				
	HyperFlex Clusters	Upload Software			Upload Softwa Upload from local mad appliance installation	re chine or specify the file.	e path to the		
×	CONFIGURE ^								
	Profiles			 You can down Appliance Po 	nload the required softwa rtal. To log in to your Priv	re from your Priva ate Appliance Acc	ite ount,		
	Templates			click here					
	Policies			Local M	achine	Network Shar	e		
	Pools				No File Selected				
ģ	ADMIN ^								
	Targets								
	Software Repository								
	Tech Support Bundles								
		Cancel						F	inish

第五步:映射完成后,单击Finish按钮。

≡	cisco Intersight	ADMIN > Software Repository >	Software Files > Upload	Q 🖪 3 🔺 6	₽	۵ ا	ල admin යු
	Chassis Fabric Interconnects	至 Progress		Step 1	b		
	HyperFlex Clusters	Upload Software		Upload from lo appliance insta	DTTWARE Incal machine or specify the p allation file.	ath to the	
×	CONFIGURE ^						
	Profiles			 You can download the required Appliance Portal. To log in to y 	d software from your Private our Private Appliance Accou	nt,	
	Templates			click here			
	Policies			Local Machine	Network Share		
	Pools			Browse Selected File	ucs-intersicht-infra-Acfi		
ø	ADMIN ^				and meregin mile synam		
	Targets						
	Software Repository						
	Tech Support Bundles						
		Cancel					Finish

第六步: 您可以在Alert (警报) 按钮左侧的图标中看到进度。

在Software Files选项卡上,确认您的下载已可以使用。如有必要,请刷新页面。

≡	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		

步骤 7.导航至操作>交换矩阵互联。选择需要升级的设备。点击属于您需要升级的集群的任何交换 矩阵互联(FI)。

≡	cisco Intersight		OPERATE > Fabric Inter	connects			🗘 🖬 3 🔺 6	R 61	٩	• (ව adr	min 🔬
<u>00</u> 0	MONITOR		* All Fabric Interconnec	ts ⊚ +								
Ŷ	OPERATE	^	🖉 🔍 🔍 Add Filter					2 items found 4	∽ per pa	e K <	1 of 1	
	Servers		Health	Connection X	Bundle Versi	NX-OS	Version	Models				Θ
	Chassis		Critical 1	Ocnnected 2		(
	Fabric Interconnects		· Warning		NO VERSIONS	Ľ	• 9.3(5)/42(30) 2	2 • 6454 2				
	HyperFlex Clusters		Name	° Health	* Model		Rundle Version	LICS Domain Profile		Ports		
×	CONFIGURE				100 0 4464				Total	Used	Available	
	Profiles		ESPOCSDOMUT-X	warning	005-FI-0454			IMM_VPA	54	54	v	
	Terrelation			FI-B Critical	UCS-FI-6454				54		47	
	remplates										1_ of 1 [
	Policies											
	Pools											
ģ	ADMIN											

步骤 8确保选择了正确的交换矩阵互联。

在详细信息选项卡上,您可以查看一般信息,例如对等交换机、管理IP和当前版本。 步骤 9导航到操作按钮。单击它,它将显示几个选项,选择Upgrade firmware。

≡	າງມາມ cisco Intersight	OPERATE > Fabric I	nterconnects > ESPUCS	DOM01-X FI-A	Q 🛛 3 🔺 6 🛛 🗹 🕴 📢	٩	ن 🕄 🗇 admin
	Chassis	General Inventory	Connections UCS [Domain Profile			Actions V
	Fabric Interconnects	Details		Properties		Events	Open TAC Case
	HyperFlex Clusters	Health	▲ Warning	UCS-FI-6454	Front View Rear View	+ Alarms 2	Upgrade Firmware
×	CONFIGURE	Name	ESPLICSDOM01-X ELA	-	tested exterior interview and and and	+ Advisories	Replace UCS Domain
~		Deer Switch	ESPLICSDOM01-X FLB				Collect Tech Support Bundle
	Profiles	Model	LICS-EL6454		Health Overlay 🌉		
	Templates	Serial	00377-0434				
	Doliciae	Management IP		Mode	Access		
	Policies	Mode	Intersight				
	Pools			Ethernet end-host	IP Addre		
ø	ADMIN ^	UCS Domain Profile		FC Switcend-host	Subnet		
		UCS Domain Profile		Admin E Ø Disabled	Default		
	Targets			Oper Ev ODisabled	Default		
	Software Repository	Bundle Version	4.1(3j)		MAC		
	Tech Support Bundles	NX-OS Version	7.0(3)N2(4.13i)				
		Organizations					

步骤 10系统将显示一个窗口,其中包含有关如何执行升级的基本说明。单击开始。

步骤 11您可以看到Intersight声明的Fabric Interconnect列表。自动选择您之前点击的域。



步骤 12 在本示例中,软件包版本4.3.2可用。选择您的版本,然后单击下一步继续。

≡	cisco Intersight	Fabric Interconnects > Upgrade Firmware	다. 🖬 3 🔺 6 🛛 🖓 🖓 🤤 admin 🔔
<u>00</u> 0	MONITOR	드 Progress	Step 2
۲	OPERATE ^		Version
	Servers		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
	Policies		Version : Size : Description : 🖗
	Pools		 4.3(2.230129) 1.70 GiB Cisco Intersight bundle
ē			Selected 1 of 1 Show Selected Unselect All (1 of 1)
Ţ			
	Targets	< Back Cancel	Next >

admin 🚨

Upgrede

步骤 13 它显示升级摘要:域名、序列号、型号和固件版本。

cisco Intersight Fabric Interconnects > Upgrade Firmware 🗘 🔳 З 🗛 б Selected firmware bundle will be downloaded to the Fabric Interconnects and upgraded. Click on 🖻 Progress 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 ect B Domain Name Serial Mode Model UCS-FI-6... FD0244... 4.2(... 🚯 UCS-FI-6... FD0234... 4.2(... (ا ADMIN

确认这是正确的域,然后单击Upgrade。

步骤 14 如果升级操作成功,右上角会显示一个绿色框。

-+ C	sco Intersight Help Center 🔿	🏧 Software Downloads intersight: X 🔤 Cisco Intersight X	ic Interconnects Intersight \times + \vee	😁 Private browsing — 🗇 🗙
÷	\rightarrow C O	A https://inter.mxsvlab.com/an/network/element-summaries/?\$currentPage=1&	\$pageSize ☆ Q Search	ද 👱 එ 🕶 ≡
≡	cisco Intersight	OPERATE > Fabric Interconnects	🚨 🖬 3 🔺 6 📔 🛛 1 🛛 🖓 🕵	ි ි ⑦ admin <u>&</u>
000	MONITOR	* All Fabric Interconnects ③ +		Successfully initiated
	OPERATE ^	Add Filter	Export 2 items fou	firmware upgrade for the Close selected Fabric Interconnects
	Servers	Health Connection 🕅 Bundle Version	NX-OS Version Models	Entr
	Chassis	Critical 1		- 5454 D
	Fabric Interconnects	2 • Warning 1		· 0154 2
	HyperFlex Clusters	Name : Health : Model :	Bundle Version 🗧 UCS Domain Profile	Ports Ø
×	CONFIGURE ^	ESPUCSDOM01-X FI-A A Warning UCS-FI-6454	4.2(3d) IMM_VPA	54 54 0
	Profiles	ESPUCSDOM01-X FI-B Critical UCS-FI-6454	4.2(3d) IMM_VPA	54 7 47 +++
	Templates			K < 1 of1 > 기
	Policies			
	Pools			
ē	ADMIN ^			
	Targets			

步骤 15按警报按钮旁边的图标检查升级进度。

++ Cit	co Intersight Help Center		📥 Software Di	nwnloads intersight-	× 🕂 Cisco Intersigh	t X 🔤 Fab	ric Interconnects Intersight	× +	🗸 😄 Privat	e browsing — 🗇 🗙
÷	\rightarrow G	08	https://inter	r. mxsvlab.com /an/	'network/element-sun	nmaries/?\$currentPage=18	\$pageSize 값 Q Se	arch		ද 🛃 🗙 ≡
≡	cisco Intersight	t	OPERATE >	Fabric Interconnec	ns		🗘 🛛 3 🔺 6		¢‡ 0°	🕄 🕜 sdmin 🔬
00	MONITOR		* All Fabri	c Interconnects 😒					Requests	All Active Completed ×
	OPERATE							t 2 items	Upgrade Firmwar FD02444067B	e In Progress a few seconds ago
	Servers		Health		Connection X	Bundle Version	NX-OS Version			lus -
	Chassis		$\left(\right)$	Critical 1	Connected 2	2 • 4.2(3d) 2	2 • 9.3(5)(4	2(3c) 2		
	Fabric Interconnects		\bigcirc	• Warning 1						
	HyperFlex Clusters		Nam		Health	Model :	Bundle Version	UCS Dom:		
×	CONFIGURE				A Warning	UCS-FI-6454	4.2(3d)			
	Profiles				Critical	UCS-FI-6454	4.2(3d)	IMM_VPA		
	Templates									
	Policies									
	Pools									
Ē	ADMIN									
	Targets									View All

步骤 16它需要确认才能重新启动交换矩阵。单击Proceed继续升级。

++ Ci	sco Intersight Help Center		👫 Cisco Intersight	🗙 🔺 Cisco Intersight	X 🔤 Requests Upgrade Firmware X + V 😳 Private browsing -	
←	\rightarrow G	08	https://inter.mxsvlab.	com/an/workflow/workflow-infos	557cb7b696f6e2d309bad18/ 🔂 Q Search Q 🛃	එ ∞ ≡
≡	cisco Intersigh	t	Requests > Upgrade	Firmware	ରୁ 🗖 4 🔺 6 🔾 । 🤤 ଟ୍ୟ ର୍ ପ୍ରି ପ୍ରି	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 require upgrade. Places acknowledge to continue with Fabric Interconnect. A upgrade Lass 	irements
	Fabric Interconnects		Target Type	Fabric Interconnect	Help Center.	inde at
	HyperFlex Clusters		Target Name		Proceed	
×	CONFIGURE		Source Type	Firmware Upgrade		
	Profiles		Source Name	FD02444067B	Wait for image download to complete in endpoint. Nov 17,	
			Initiator	admin@local	image ucs-intersignt-inita-agit.a.s.2.230129.bin successfully cached in Fabric interconnect(s).	
	Templates		Start Time	Nov 17, 2023 2:22 PM	Initiate image download to endpoint. Nov 17,	
	Policies		End Time		Image ucs-intersight-infra-4gfi.4.3.2.230129.bin already available in a cache, skipping the download. Im synced to the selected endpoints.	age will be
	Pools		Duration	35 m 10 s	Check If image has been cached. Nov 17,	
ē	ADMIN		Organizations		Verfhed that image is available in the cache.	
	Targets			default	Walt for firmware upgrade in Fabric Interconnect - B. Nov 17, Successfully upgraded Fabric Interconnect.	

步骤 17 在Fabric Interconnects选项卡的Bundle Version列中验证升级已成功完成。

两个FI现在都使用版本4.3.2。

=	cisco Intersight	OPERATE > Fabric Inte	erconnects		û 🛛 3 🗛 6	₽ ₽	٩	e (ව adi	min 🚨
<u>00o</u>	MONITOR	* All Fabric Interconne	cts ⊙ +							
Ŷ	OPERATE ^	🧷 🔍 Add Filte	er -			2 items found 5	∽ per pag	eĸ<	1 of 1 [
	Servers	Health	Connection %	Bundle Version	NX-OS Version	Models				⊡
	Chassis	Critical	O Connected 2	A 2/2 2201201		2(5)(42(2b) 2				
	Fabric Interconnects	• Warning		2 4.5(2230123)				2		
	HyperFlex Clusters	Name	: Health	1 Model 1	Bundle Version	UCS Domain Profile		Ports		
×	CONFIGURE ^	ESPUCSDOM01-	CEI-A Warning	UCS-FI-6454	4.3(2.230129)	IMM_VPA	Total 54	Used	Available 0	
	Profiles	ESPUCSDOM01-)	(FLB Critical	UCS-FI-6454	4 3(2 230129)		54	7	47	
	Templates	/3							1 of 1	
	Policies									
	Pools									
ø	ADMIN ^									
	Targets									

服务器升级

步骤1:在Admin > Software Repository > Software Files > Upload Software上上传服务器的固件包。

确认上传完成后已列出。

≡	cisco Intersight	ADMIN > Software Repository Q 🖬 4 🔺 6 📝 ⊄ 🔍 🤅	} ⑦ admin &
	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 🕞 河 🥨
	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		
Q	ADMIN ^		
	Targets		
	Software Repository		
	Tech Support Bundles		

第二步:导航到操作>服务器。选择要升级的服务器。在本例中,服务器1/3。

≡	cisco Intersight	OPERATE > Servers		Q 🛛 4 🔺 6	V 4	୍ ⊚	ා admin <u>ළ</u>	
<u>00o</u>	MONITOR	⊁ All Servers ⓒ +						
Ŷ	OPERATE ^	••• 🖉 9. Add Filter			2 items found	4 ∨ per page 🖂	< 1 of1 > >>	
	Servers	Health Power	HCL Status	Models P	rofile Status X	Requests (Last 2	4h) 🗐	
	Chassis	• Critical 1	Incomplete 2			\bigcirc	a Completed 1	
	Fabric Interconnects	• Healthy 1 O On 1			IU SERVER PROFILES		Joinpieted 1	
	HyperFlex Clusters	Name :	Health : M	Model		<u>о</u> с м с	UCS Do H) &	
×	CONFIGURE ^		C Healthy	UCSB-B200-M5		40.8 128.0		
	Profiles			LICSB-B200-M5		40.8 128.0		
	Templates			0000-0200-000		40.0		
	Policies							
	Pools							
8	ADMIN ^							
	Targets							

第三步:导航到Action按钮并单击它,它将显示一些选项,选择Upgrade firmware。

≡	cisco Intersight	OPERATE > Servers > ESPUCSDOM01-X-1-3		\$ 7 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 Tunneled vKVM &
	Profiles	Vendor Cisco Systems Inc			
	Templates	Revision -			Open TAC Case
	rempiaces	Asset Tag -	Revuer () Leaster LED () Health Quarter ()		Set License Tier
	Policies	License Tier Essentials	Power O Locator LED O Health Ovenay		Collect Tech Support Bundle
	Pools	Management Mode Intersight			
		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-		

第四步: 验证您选择了正确的服务器,然后单击Next。选择要升级的固件版本。

系统将显示升级摘要。确保服务器和固件版本正确。

≡	cisco Intersight	Servers > Upgrade Firmware			Q 🛛 4	▲ 6 🗹	¢1 0,		⊘ admin &	
<u>00o</u>	MONITOR	☑ Progress		Ŭ,	- Confirm	n configuration and initia	te the upgrade.			
Ŷ	OPERATE ^	1 General								
	Servers		Firmw	are						
	Chassis	(2) Version	Versio	m 5.2(0.2	130100) ©	Size	583.06 MiB			
	Fabric Interconnects	3 Summary	Server	rs to be Upgraded						
	HyperFlex Clusters		Jeiver	is to be opgraded						
×	CONFIGURE ^				1 items found	50 ∨ per page K	< <u>1</u> of 1			
	Profiles									
	Templates		Nam	ne 🗧 Userl	🗧 Model	: Firmw :	Require 🛈	UCS Domain		
	Policies			UCSDO IMM_	server UCSB-E	200 4.2(3g) 💮	Yes	ESPUCSDO		
	Pools							of 1 🕞 河		
ø	ADMIN ^									
	Targets	< Back Cance							Upgrade	

第五步: 它显示一个新窗口。启用立即重新引导以开始升级, 然后单击升级。

💊 注意:如果不启用,服务器不会立即升级。服务器在下次重新启动之前升级。

=	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

第六步:如果升级操作成功,右上角会显示一个绿色框。

≡	النانيان Intersight	OPERATE > Servers □ 1 q4	<u> २</u> ७	⊘ admin &
<u>00o</u>	MONITOR	× All Servers ⊙ +	Successfully initiated	
Ŷ	OPERATE ^	···· Add Filter Image: Comparison of the second	firmware upgrade for the selected servers	the Close
	Servers	Health Power HCL Status Models Profile Status X	Requests (Last 24)) 🗇
	Chassis	On 1 On 1		mpleted 1
	Fabric Interconnects	2 • Healthy 1 O Off 1	· Ru	nning 1
	HyperFlex Clusters	Name : Health : M : Model :	⊙ : M :	UCS Do H> 🖗
×	CONFIGURE ^	ESPUCSDOM01-X-1-2 G Healthy UCSB-B200-M5	40.8 128.0	
	Profiles	() ESPUCSDOM01-X-1-3 () [] Critical UCSB-B200-M5	40.8 128.0	ESPU
	Templates			ব 1 of 1 চি সি
	Policies			
	Pools			
Ō	ADMIN ^			
	Targets			

步骤 7.按警报按钮旁边的图标检查升级进度。

≡	cisco Intersight	OPERATE > Servers	Ç ⊠ 5 ▲ 6 ◯ 1 🕫 │ Q, │ 😳 │ ⑦ │ admin &
<u>00o</u>	MONITOR	× All Servers ⊙ +	
Ŷ	OPERATE ^		C Export 2 items found 5 v per page K < 1 of 1 >> >>
	Servers	Health Power HCL Status Models	Profile Status X Requests (Last 24h)
	Chassis	• Critical 1	
	Fabric Interconnects	2 • Healthy 1 O On 1	BZOU MS 2 NO SERVER PROFILES 2 • Running 1
	HyperFlex Clusters	□ Name : Health : M : Model	
×	CONFIGURE ^	C ESPUCS00M01-X-1-2 Elealthy UCSB-	3200-M5 40.8 128.0 ESPU
	Profiles	() ESPUCSDOM01-X-1-3 () Critical UCSB-	3200-M5 40.8 128.0 ESPU_ ···
	Templates		নি ব ব ব ব ব ব ব ব ব ব ব ব ব ব ব ব ব ব ব
	Policies		
	Pools		
ģ	ADMIN ^		
	Targets		

≡	cisco Intersight	Requests >	Upgrade Firmware	Q 🖬 5 🔺 6 🔿 1 🛱 Q 🕲	ා admin යු
<u>00o</u>	MONITOR	Details		Execution Flow	
Ŷ	OPERATE	Status	O In Progress	Progress	22%
	Servers Chassis	Name	Upgrade Firmware 655ce22a696f6e2d309e6895	Wait for image download to complete in endpoint. 0% completed.	
	Fabric Interconnects	Target Type	Blade Server ESPUCSDOM01-X-1-3	 Initiate image download to endpoint. Download intersight-ucs-server-b200-m5.5.2.0.230100.bin request is submitted successfully. 	
	HyperFlex Clusters	Source Type	Firmware Upgrade	 Wait for the image download to complete in the local repository. 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. 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.	
	Policies	Duration	6 m 52 s		
ģ	Pools	Organizations			
	Targets				

步骤 8完成后,在General选项卡上验证服务器的新固件版本。此服务器现在具有固件版本 5.2(0.23)。

6 ☑ 9⊄1 ♀, ② ⑦ admin &
Actions
Events
Top View + Alarms No Alarms
+ Requests 10 📀 10
+ Advisories No Advisories
verlay 🌑
3
N8FC8F-

验证

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

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