通过Intersight配置和管理独立服务器

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简介

本文档介绍如何申请、创建和部署独立服务器的UCS服务器配置文件。

先决条件

要求

使用的组件

此程序可针对M5、M6和M7系列独立服务器执行。

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。本文档中使用的所有设备最初均采用原 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

此程序可针对M5、M6和M7系列独立服务器执行。

步骤

导航到可申请的设备的Cisco IMC网页。

ondobio / Oum	mary 🖈			
Server Proper	ties	Cisco Integrated M	lanagement Controller (Cisco IN	AC) Informatio
Product Name:	UCS C220 M6S	Hostname:	C220-WZP24430N7K	
Serial Number:	WZP24430N7K	IP Address:	10.31.123.34	
PID:	UCSC-C220-M6S	MAC Address:	BC:4A:56:59:3D:FC	
UUID:	3ADAE7CA-DEBC-4118-80E9-F5FCA72545E2	Firmware Version:	4.2(2a)	
BIOS Version:	C220M6.4.2.2d.0.0610220138	Current Time (UTC):	Mon Oct 31 23:36:48 2022	
Description:		Local Time:	Mon Oct 31 23:36:48 2022 UTC +0000 (Local)	
Asset Tag:	Unknown	Timezone:	UTC	Select Timezone
Chassis Statu	s	Server Utilization		
Chassis Statu	S State: On	Server Utilization	ion 1961 - N/A	
Chassis Status Power	S State: On Status: Not-Completed	Server Utilization Overall Utilizat	ion (%): N/A	
Chassis Statu: Power Post Completion S Overall Server S	S State: On Status: Not-Completed Status: Severe Fault	Server Utilization Overall Utilizat CPU Utilizat Memory Utilizat	ion (%): N/A ion (%): N/A	
Chassis Statu: Power Post Completion : Overall Server : Tempe	S State: On Status: Not-Completed Status: Severe Fault rature: Good	Server Utilization Overall Utilizat CPU Utilizat Memory Utilizat IO Utilizat	ion (%): N/A ion (%): N/A ion (%): N/A	
Chassis Statu: Power Post Completion 3 Overall Server 3 Tempe Overall DIMM 3	S State: On Status: Not-Completed Status: Severe Fault rature: Good Status: Good	Server Utilization Overall Utilizat CPU Utilizat Memory Utilizat IO Utilizat	ion (%): N/A ion (%): N/A ion (%): N/A	
Chassis Statu: Power Post Completion : Overall Server : Tempe Overall DIMM : Power Su	S State: On Status: Not-Completed Status: Severe Fault rature: Good Status: Good pplies: Good	Server Utilization Overall Utilizat CPU Utilizat Memory Utilizat IO Utilizat	ion (%): N/A ion (%): N/A ion (%): N/A	
Chassis Statu: Power Post Completion 3 Overall Server 3 Tempe Overall DIMM 3 Power Su	S State: On Status: Not-Completed Status: Severe Fault rature: Good Status: Good Status: Good Fans: Good	Server Utilization Overall Utilizat CPU Utilizat Memory Utilizat IO Utilizat	ion (%): N/A ion (%): N/A ion (%): N/A	
Chassis Statu: Power Post Completion S Overall Server S Tempe Overall DIMM S Power Su	S State: On Status: Not-Completed Status: Severe Fault rature: Good Status: Good pplies: Good Fans: Good r LED: Off	Server Utilization Overall Utilizat CPU Utilizat Memory Utilizat IO Utilizat	ion (%): N/A ion (%): N/A ion (%): N/A	

服务器站点

接下来,导航到Admin > Device Connector。

	↔ Cisco Integrated Management Controller
	Admin / Device Connector 🔺
Chassis •	The Device Connector is an embedded management controller that enables the capa
Compute	Device Connector
Networking	
Storage •	
Admin 🔻	
User Management	Device Connector
Networking	
Communication Services	A Not Claimed
Security Management	The connection to the Cisco Intersight Portal is successful, but device is still not cla
Event Management	1.0.11-2316
Firmware Management	
Utilities	
Device Connector	

设备连接器

验证服务器是否可以访问Intersight云或Intersight设备。

在设置下,修改代理配置和证书管理器。

h / Admin / Device Connector 🔅	shesh Host Power Launch v	KVM Ping CIMC Reboot Local	WLED @ @
The Device Connector is an embedded management controller that enables the capabilities of Cisco Intersight, a cloud-based management platform. For detailed information about configuring the device	e connector, please visit. Help Cerr		
Device Connector		G Setting	p 🔿 Refresh
ACCESS MOX. ALLOW DOWTRO.	eeee C	Cevice ID WZP24430N7K Calm Code 169464073EA4	8
Nut Claimed			
The connection to the Cisco Intensight Portal is successful, but device is still not claimed. To claim the device open Cisco Intensight, create a new account and follow the guidance or go to the Targets g Claim a New Device for existing account.	page and click Open Intersight		

设备设置

Settings	
General	
DNS Configuration	 Configure proxy settings
NTP Configuration	Enable Proxy
Proxy Configuration	Proxy Hostname/IP *
Certificate Manager	proxy.esi.cisco.com
Connection	Authentication

代理配置

一旦成功连接到Cisco Intersight门户,您就可以声明该设备。为此,请复制设备ID和声明代码,然 后登录您的Intersight帐户。

Device Connector		0 1	lettings C Refrech
	ACCESS MODE: AULOW CONTROL	Device ID WZP24430N7K Claim Code	ß
Device Connector	···	E87C363F30E0	8
A Not Claimed			
The connection to the Claco intersight Portal is successful, but device is still not claimed. To claim to Claim a New Device for existing account.	e device open Cisco intensight, create a new account and follow the guidance or go to the Targets page and click	Open Intersight	

设备ID和声明代码

在Intersight门户,请导航到Admin > Targets。



单击Claim a New Target。

ADMIN > Targets	🗘 🖪 298 🔺 250	⊕ 1 € ² 33	🔾 💿 💿 Jaime Islas Tolentino 🔔
			Chima New Target
* All Targets () +			
2 📋 🔤 AddThee			and 10 - perpage IC C _1_ of 3 (2)
Connection 37 Connected 5 Not Connected 15 Connected 5 Not Connected 15 Connected 5 Connected			

申请新目标

在计算/交换矩阵下,选择思科UCS服务器(独立)并单击开始。

	Select Target Type
Filters	Q Search
V Available for Claiming	Compute / Fabric
Categories	clisco clisco clisco clisco Clisco UCS Server (Standalone) Clisco UCS Domain (Intersight Managed) HPE OneView
Cloud	
Compute / Fabric Hyperconverged Hypervisor	Image: Cisco I

Cisco UCS服务器

在常规页面,粘贴设备ID和声明代码。

如果选择Resource Group,则可以指定要向其添加设备的Organizations。这不是强制性的。

默认情况下,Resource Group = All。

单击Claim。

		`	Claim Cisco UCS Se (Standalone) Target To claim your target, provide Code and select the appropri	erver t the Device ID, Claim ate Resource Groups.			
General							
Device ID * WZP24430N7K		Claim Code * F6A6893E2682					٥
Resource Groups							
Select the Resource Gr	second Managinal Manag	more this astrontion is not exceeded on	and and an entry Research Course	type is 'All'. The claimed target	will be part of all Organization	s with the Resource Gr	
туре 'АГ'.	oops in required, riski	ever, this selection is not mandatory	as one of more resource uroup	1 items found	10 → perpage K C	1 of 1 > >	0
type 'Al'.	Usage	ever, this selection is not manaatory	as one or more resource uroup	1 items found Description	10 v perpage IC €	_1_ of 1 > >	0
type 'Al'. Name MMM-cp	Usage	ever, this selection is not manaarbay	as one or more resource uroup	1 items found Description	10 v perpage KC	<u>1</u> of 1 > >	0
type 'Al'. Name Name	Usage	ever, this selection is not manaarbry	as one or more resource unoup	1 items found Description	10 ⊻ perpage K C	<u>1</u> of 1) X K (<u>1</u> of 1 (
type 'All'.	Usage	ever, this selection is not manuality		1 items found Description	10 v per page K €	<u>1</u> of 1)) K C <u>1</u> of 1 (

"一般信息"页

如果成功,则可以在Targets下看到设备。

* A	I Targets ⊜ +										
0	Add Filter								30 items		10 v per pag
	Not Connected 15	Top T	argets by Types X UCS Domain 19 HyperFile Chatter 4 Standalow MS Server 4 Hitmsight Applance 3 Other 7	Vendor 30	Cisco Systems, inc. 3	•					
	Name		Status		Туре		Claimed Time			Claimed B	ly .
	C220-WZP24430N7K	1	Connected		Standalone M6 Server		a few seconds a	90		jislasto@c	sisco.com

所有目标

现在服务器已正确添加到Intersight,您可以创建UCS服务器配置文件。

点击Configure > Profiles,然后点击UCS Server Profiles。

≡	disclering intersight	CONFIGURE > Profiles	Q 🗖 297
<u>el</u> e	MONITOR	HyperFlex Cluster Profiles UCS Chassis Profiles UCS Domain Profiles UCS Server Profiles	
ø	OPERATE ^	* All UCS Server Profiles	
	Servers Chassis	🖉 🗊 🔍 Add Filter	
	Fabric Interconnects		
	Networking		
	HyperFlex Clusters		
×	CONFIGURE		
	Orchestration		
	Profiles	←	
	Templates		
	Policies		
	Pools		

UCS服务器配置文件

点击创建UCS服务器配置文件。

CONFIGURE > Profiles				Q 🔲 300 🔺 251	⊕ı ¶¢1 33	Q. Ø 0	Jaime Islas Tolentino 🚊
HyperFlex Cluster Profiles		UCS Server Profiles					Create UCS Server Profile
* All UCS Server Profiles @							
						0 items found 15 v per	page 🖂 C 0 of 0 🗩 🖂
Name Name							
			~				

创建UCS服务器配置文件

为Server Profile命名,然后选择Standalone Server on Target Platform,然后单击Next。



独立服务器分配

在Server Assignment屏幕中,选择Standalone Server,然后单击Next。

						Step 2 Serve Choose pool, or	itep 2 Server Assignment ihoose to assign a server now, from a resource sool, or later.					
		Assign Now	Assign	n Server from a F	Resource	Pool	Assign	Later				
	• C 5	lick the appropriate b elect and attach polic	utton to ies to th	assign a server ne server profile.	r now, fro	m a resourc	e pool, or la	ater. If you choose	to assig	n a server now, select the	server, click Next,	and
	٩							4 items found	10 ~	perpage 🖂 🔄 🔟	of 1 🕞 河	۲
		Name	U	ser Label		Health		Model		UCS Domain	Serial Number	
		C220-WZP24430N7	к			Critical		UCSC-C220-M	s		WZP24430N7K	
		C220-WZP24430N7	к			Critical		UCSC-C220-M	is		WZP24430N7K	
		C240-FCH2303V0B	3 de	escription		Healthy		UCSC-C240-M	452		FCH2303V0B3	
		C240-WZP23510VY	7 U	ab-Test-SV-1		 Healthy 		UCSC-C240-M	SSD		WZP23510VY7	
	Selecte	rd 1 of 4 Show S									< <u>1</u> of 1 [

在接下来的五个步骤中,请根据您的要求分配服务器策略。点击摘要和部署以完成。

⊑ P	Progress	Step 7 Summary Verity details of the profile and the policies, resolve errors and deploy.					
Ŷ	Server Assignment	General					
9	Compute Configuration					_	
ø	Management Configuration	Organization Name	default Server_Profile_C-Series	Status Management	IP 10.31.123.34	yed	
¢	Storage Configuration	Assigned Server					
þ	Network Configuration	Target Platform	UCS Server (Standalone)				
•		Description Server Profile for Stand	alone Server				
		Compute Configuration	Management Configuration	Storage Configuration	Network Configuration		
		BIOS				.27-bios-policy 🗐	
C							

服务器摘要部署

Intersight可以验证配置,如果配置正确,还可以验证状态。

* All UCS Server Profiles 🐵 +													
			G Export 39 items found		DD								
	Name :	Status :	Target Platform :	UCS Server Template		Last Update :							
			UCS Server (Standalone)			a few seconds ago							
		Not Assigned	UCS Server (Standalone)			an hour ago							

最终配置文件

现在您可以通过Intersight管理您的UCS独立服务器。

关于此翻译

思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言,希望全球的用户都能通过各 自的语言得到支持性的内容。

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