从UCS中心配置对UCSM域的KVM角色访问

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简介

本文档介绍如何在UCS中心和UCSM中配置角色,以允许KVM访问通过UCS中心启动的UCS域。

先决条件

要求

Cisco 建议您了解以下主题:

- 统一计算系统(UCS)
- UCS中心

使用的组件

本文档中的信息基于以下软件和硬件版本:

- UCS-FI-6248UP,固件4.0(1c)
- UCS中心,固件2.0(1p)

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。

配置

1. UCS中心角色

第1.1步创建UCS中心用户管理角色

• 在UCS Central中,导航到System Configuration Button > User Settings,然后选择Roles。

H I

- 创建名为"ucs-kvm"的新角色
- 对于新创建的角色"ucs-kvm",在"操作"选项卡下添加KVM权限

UCS Central Users Administration Manage

Password	+ =	ucs-kvm				
Profile	Roles	Network Storage Server Operations				
Roles	AAA Administrator					
	Administrator	+ =				
Locales	Facility Manager	Privileges				
	KVM	KVM				
Local Users	Network Administrator					
	Operations					
Remote Users	Read Only					
	Server Compute					
	Server Equipment Administrator					
	Server Profile Administrator					
	Server Security Administrator					
	Statistics					
	Storage Administrator					
	ucs-kvm					
	Unieve					

UCS中心上的角色配置

第1.2步配置本地用户

- 导航到系统配置按钮 > 用户设置, 然后选择本地用户。
- •选择相应的用户,然后在角色选项卡下为所选用户添加以下3个角色:
 - 1. 管理员
 - 2. 只读
 - 3. ucs-kvm(与上一步中创建的角色相同)



本地用户配置

cisco	UCS Central What are you looking for?	Q	What do you want to do?	•			edmin 💶 🚯 🛞	@ 9 6)
	< III Dashboard								-
								0 18 6	5
ж	🛱 Backup Management	UCS C	entral Users Admi	nistration Manage	۲				
	UCS Central Backup Summary Scheduled	Password	+ 8	jzeron1	9, EI				
9	Domain Backup Schedule Summary (Full State)	Profile	Local Users	Basic Roles Locales SSH					
<	3 Not Scheduled	Locales	ifeman Iri_test	Roles					
n.	Last Domain Backup	Local Users	V Jzeroni	Read Only			0		
	2	Remote Users				Minor 7	Warning 124		
•	No Beckups								
	© Licenses						0		
	Evaluation Expired					Minor 1	Warning 253		
	UCS Domain License Summary				Cancel Save				
	3 Expired								
	Insufficient Ucensed								

在UCS中心为本地用户分配角色

2. UCS域角色

第2.1步在UCSM域中创建角色。

在希望通过KVM从中央访问的每个UCSM域上,执行以下步骤:

- 导航到All > User Management > User Services > Roles,然后单击Add。
- 创建角色ucs-kvm,并仅选择服务配置文件外部访问权限。



在UCS Manager上创建新角色

3.验证对UCSM域的KVM访问

第3.1步从UCS中心启动KVM

- 使用步骤1.2中本地用户的相应凭证登录UCS中心
- 导航到System tools 按钮> Unified KVM Launcher
- 如步骤2.1所述,在已创建角色的域中选中此复选框,KVM必须立即运行。

VCS Central What are y What are y The Dashboard Dashboard	ou looking for? Q What do	you want to do? •		admin 1 A · · · · · · · · · · · · · · · · · ·
Unified KVM Launc	Backup Management			
Filters	🖹 🔰 Filter + Export 🕜 Launch KVM			Export and Import
Domain Group	Server	Hardware	Configuration	Sta Tech Support
Ungrouped root	UCS-AS-MXC-P25-02-8 1/1 Ungrouped 10.31.123.7	UCSB-8200-M5 20 Cores 64 08 RAM S/No FCH23147F2C	Ph1_Ch2_ESXL01 root 4.2(1d)8.4.0(4k)8	OK Do Fas
Domains			FW Ready	Por Hardware Compatibility
UCS-AS-MXC-P25-04-Mini UCS-TS-MXC-P25-64108	UCS-AS-MXC-P25-02-B 1/3 Ungrouped 10.31.123.7	UCSB-8200-M4 24 Corea 256 GB RAM S/No FCH191079JE	Ph1_Ch2_E5X/2 root 4.0(1a)8.4.2(1d)8	OK OK Do Active Sessions Fac
Overall Status			FW Ready	Por Start Logging Session
Unassociated OK Configuration Power Off	UCS-AS-MXC-P25-02-8 1/4 Ungrouped 10.31.123.7	UCSB 6200-M5 20 Cores 64 GB RAM S/No FCH23147/EXZ	Ph1_Ch2_ESX5 root 4.0(4g)8.4.2(1d)8.4.0(4k)8 FW Ready	OK Domain Status: Lost Visibility Fault: Major Power ON Locator LED OFF
Decommissioned Fault Level Ortical Omega	UC5-A5-MXC-P25-02-B 1/5 Ungrouped 10.31.123.7	UCSB-8200-M5 12 Cores 256 GB RAM S/No FLM242700FM	Ph1_Ch2_RS1_W2k16 root 4.2(14)8,4.1(3)8,4.0(4)8 FW Ready	OK Domain Status: Lost Visibility Fault: Ontoal Power ON Locator LED OFF
Minor Warning Cleared Info Constitute	UCS-AS-MXC-P25-02-8 1/6 Ungrouped 0.31.123.7	UCSB-8200-M5 12 Coree 256 08 RAM S/No FLM235100K2	Ph1_Ch2_ES306 root 4.0(1a)8,4.2(1d)8,4.0(4k)8 FW Ready	OK Domain Status: Lost Visibility Fault: Creared Power ON Locator LED OFF
Configuration Status Unassociated Associated	UCSASMXCP2504Mini 1/2 root 10.31.123.62	UCSB 6200-M3 8 Cores 8 GB RAM S/No FCH18127CFY	PROFILEFORMTEMPLATESAM1 root 4.1(30)B FW Ready	CK Domain Status: CK Fault: Cleared Power CN Locator LED OFF
FW Status Ready Upgrading	UCS-TS-MXXC-P25-64108 1/2 root 10.31.123.128	UCSB-8200-M5 32 Cores 1216 GB RAM S/No FCH21337FCX	TestBruncLab1 root 4.2(2c)8,4.2(2d)8,4.1(0.6)8 FW Ready	OK Dornain Status: OK Fault: Major Power ON
Host FW Version				Locator LED OFF

LDAP 验证

Selection State Sta

• 导航到System Configuration Button > User Settings,然后选择Authentication,并为所需的 Group Maps选项分配与LDAP部分下的步骤1.2中相同的3个角色

UCS Central 🗮 What are you looking for? Q.			What do you want to do? • • • • • • • • • • • • • • • • • • •				
Image: Second	M Launcher ×						2
Unified KVM Laund	her						0 . *
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Domain Group	Server	00000	entral Authentication Manage			Status	
Ungrouped root	UCS-A Ungroi	LOAP	LDAP			OK Domain Status: Lost Visibility South Mains	
Domains	10.31	TACACS+	Basic Providers Groups Group Maps			Power ON Locator LED OFF	
UCS-AS-MXC-P25-04-Mini	UCS-A		+ 8	Roles Locales		OK Description of and Michiller	
UCS-TS-MXC-P25-64108	10.31.	RADIUS	Provider Group Map DN	+		Fault: Major	
Overall Status		Authentication	CN+ucabind,0U+CiscoUCS,DC+mxavlab,DC+com	Roles		Power ON Locator LED OFF	
Unassociated	UCS-A	Domains	GrMapiri	KVM.		OK	
🗹 ок	10.31,			Read Only		Fault: Major	
Configuration Power Off				uce-kvm		Power ON Locator LED OFF	
Decommissioned	UCS-A			-	_	OK	
Fault Level	Ungros 10.31					Domain Status: Lost Visibility Fault: Critical	
Critical						Power ON	
Major	1100.4					Locator LED OFF	
0 Warning	Ungroi					Domain Status: Lost Visibility	
Cleared	10.31.					Fault: Cleared	
Condition						Locator LED OFF	
	UCS-A					OK	
Configuration Status	root ↓ 10.31.					Fault: Cleared	
Associated					ancel Save	Power ON Locator LED OFF	
FW Status	UCS-TS-I	MXC-P25-64108 1/2	UCSB-B200-M5	TestBrunoLab1		OK	
Ready	root 10.31.12	3.128	32 Cores 1216 GB RAM S/No FCH21337FCX	root 4.2(2c)8.4.2(2d)8.4.1(0.6)8		Domain Status: OK Fault: Major	
Upgrading				FW Ready		Power ON	
Host FW Version						Locator LED OFF	
4.2/1d/B							

UCS中心中LDAP组的角色分配

相关信息

- UCS中心的用户和角色
- <u>思科技术支持和下载</u>

关于此翻译

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