Configurer les profils de stockage pour les serveurs intégrés de la gamme C avec UCSM

Contenu

Introduction Conditions préalables Conditions requises Components Used Configuration Créer une stratégie de groupe de disques Créer un profil de stockage Créer une stratégie de démarrage basée sur le LUN de démarrage Vérification Dépannage

Introduction

Ce document décrit comment configurer des profils de stockage pour les serveurs intégrés de la gamme C avec Cisco UCS (Unified Computing System) Manager (UCSM). Les profils de stockage permettent une certaine flexibilité afin de définir le nombre de disques de stockage, les rôles et l'utilisation de ces disques, ainsi que d'autres paramètres de stockage. En gros, vous pouvez découper un disque virtuel en différentes parties appelées Numéro d'unité logique (LUN) et attribuer un rôle à ces LUN.

Conditions préalables

Conditions requises

Aucune spécification déterminée n'est requise pour ce document.

Components Used

Ce document n'est pas limité à des versions de matériel et de logiciel spécifiques.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Configuration

Créer une stratégie de groupe de disques

Cet exemple est valide lorsque vous utilisez le disque6-7 pour créer un volume RAID 1 Redundant

Array of Independent Disks (RAID) 1 utilisé pour découper des LUN. Vous pouvez également utiliser la configuration automatique du groupe de disques, où le système sélectionne les disques. Cet exemple utilise la configuration manuelle à des fins de démonstration, au cas où vous souhaitez affecter manuellement des disques comme indiqué dans l'image.

Properties			
Name: gam-c	220-boot		
Description:			
RAID Level: RAID 1	L Mirrored	-	
O Disk Group (Disk Group Conf	Configuration (Automai	tic) 🧿 Disk Group Configuration	n (Manual)
🔍 Filter 🖨 Expo	rt 😸 Print		
Slot Number	Role	Span ID	E.
6	Normal	Unspecified	
7	Normal	Unspecified	

Créer un profil de stockage

Après avoir créé un **groupe de disques**, créez un **profil de stockage** et dans le profil de stockage créez un **LUN de démarrage** et **des LUN de données**.

Local LUNs Contro	oller Definitions Faults							
🔍 Filter 🖨 Export	t 😸 Print							
Name	RAID Level	Size (MB)	Config State	Deploy Name	LUN ID	Drive State	Ę	
100gb	RAID 1 Mirrored	0	Not Applied					83
Data	RAID 1 Mirrored	0	Not Applied					-
							-	
Details								
Actions			LUN Details					
Set LUN	Name		Profile LUN Name: 100gb	Order: N	ot Applicable			
-			RAID Level: RAID 1 Mirrored	Size (MB) 0				
Rename	e Referenced LUN		Configured Size (GB) 100	Admin State: 0	nline			
Set On	ine		Config State: Not Applied	Bootable D	isabled			
			Deployed LUN Details					
Set Und	deployed		LUN New Name:	Referenced LUN Name:				
	MUL boocdes		Deploy Name:	LUN ID:				

ſ	Properties	
	Name:	100gb
	Size (GB):	100
	Fractional Size (MB):	0
	Auto Deploy:	Auto Deploy O No Auto Deploy
	Expand To Available:	
	Select Disk Group Configuration:	qam-c220-boot 🔹 🛨 Create Disk Group Policy
ر ا	Properties	
	Name: I	Data
	Size (GB):	100
	Size (GB): Fractional Size (MB):	0
	Size (GB): Fractional Size (MB): Auto Deploy:	100 0 O Auto Deploy O No Auto Deploy
	Size (GB): Fractional Size (MB): Auto Deploy: Expand To Available:	100 0 • Auto Deploy O No Auto Deploy

Peu de choses à noter ici :

1. Le démarrage est désactivé car le profil de service n'est pas encore appliqué.

2. Le champ Définition du contrôleur reste vide. Il est utilisé uniquement avec le contrôleur PCH interne pour les disques durs SSD internes. La définition du contrôleur PCH permettait de configurer un RAID LUN unique sur deux disques durs SSD internes connectés au contrôleur PCH intégré.

(General Local LUNs Controller Definitions Faults	
ſ	Controller Definitions	
	A Filter ⇒ Export Bernt Bernt	
	Name	T.
		*
l		

Créer une stratégie de démarrage basée sur le LUN de démarrage

Cet exemple montre comment créer un LUN nommé 100gb qui est destiné à être un LUN de démarrage. Créez donc une stratégie de démarrage en conséquence et appliquez-la au profil de service.

General Events												
Actions	Properties	,										
🗂 Delete		Name: 10	0GB_Lun									
Show Policy Usage		Description:										
Use Global		Owner: Lo	cal									
	Reboot or	n Boot Order Change:	1									
	Enforce vNI	IC/vHBA/iSCSI Name: 🛛	/									
		Boot Mode:	🔊 Legacy 🕥 Ue	fi								
Warning												
The type (primary/secondary	y) does not inc	dicate a boot order prese	nce.									
The effective order of boot of	devices within	the same device class (L	AN/Storage/iSCSI) is determined by PCIe bi	us scan ord	ler.						
If it is not selected, the vNIC	CSI Name is a Cs/vHBAs are a	selected if they exist, ot	herwise the vNIC/	VHBA with the lowest PCI	e bus scan	a. order is used.						
		Boot Order										
Local Devices	8		Furnant Die Drint		_	_	_	_	_	_	_	
cruc u			Export B Print									
CIMC Mounted vMedia	×	Name	Order	vNIC/vHBA/iSCSI vNIC	Туре	LUN Name	WWN	Slot Number	Boot Name	Boot Path	Description	E,
VNTCs		Local CD/DVD	1									^
VIIICS		E-Local LUN	2		Deimanni	100-h						- 11
vHBAs	8		lage		Primary	TUUGD						
iSCSI vNICs	8											
FFT Shell	8											

Vérification

Utilisez cette section pour confirmer que votre configuration fonctionne correctement.

Avant d'appliquer le profil de service au serveur, assurez-vous que les disques utilisés dans le groupe de disques sont à l'état Non configuré correct, sinon une erreur indiquant que les disques sont insuffisants se produit au moment de l'association du profil de service. Cet exemple a utilisé Disk6-7, de sorte qu'ils doivent être dans « Unconfigure Good », s'ils sont dans l'état « Online » ou « Jbod », puis cliquez avec le bouton droit sur ces disques et sélectionnez **Set Unconfigure Bad to Good**.

🛨 🖃 🔍 Filter 🖨 Export	😓 Print							
Name	Size (MB)	Serial	Operability	Drive State	Presence	Technology	Bootable	E.
Storage Controller PCH 3	1							
🖃 📶 Storage Controller SAS 1								
🕸 Disk 1	285148	Z0K0HDQ80000C5382LBF	Operable	Online	Equipped	HDD	False	
···· 🕸 Disk 2	285148	Z0K0HCR90000C5393GJW	Operable	Online	Equipped	HDD	False	
🕸 Disk 3	285148	Z0K0HF2P0000C5380LV8	Operable	Online	Equipped	HDD	False	
···· 🕸 Disk 4	285148	Z0K0HEYQ0000C53812RN	Operable	Online	Equipped	HDD	False	
···· 🕸 Disk 5	285148	Z0K0HDTX0000C5390KU8	Operable	Unconfigured Good	Equipped	HDD	False	
Disk 6	285148	Z0K0HF5R0000C5380LV0	Operable	Unconfigured Good	Equipped	HDD	False	
Disk 7	285148	Z0K0GP4W0000C533116U	Operable	Unconfigured Good	Equipped	HDD	False	

Dépannage

Cette section fournit des informations que vous pouvez utiliser pour dépanner votre configuration.

Une fois le profil de service appliqué, votre configuration doit ressembler à ceci :

Local LUNS C									
	Controller Definitions Faults								
🕰 Filter 🖨 E	Export 😸 Print								
Name	P ATD Level	Size (MB)	Confi	n State	Deploy Name		D	rive State	E
100ab	PAID 1 Mirrored	102400	Applie	d	100gb	1000	0	timal	
Data	RAID 1 Mirrored	102400	Applie	d d	Data	1000	op	ntimal	<u> </u>
	NALD THINGICU	102 100	Uppic	u	Data	1001	40	, annai	
									*
Details									
			I IIN Detaile						
Actions	;		LOW Details		_				
📥 Se	et LUN Name		Profile LUN Nam	e: 100gb	Orc	der: Not Applicabl	e		
			RAID Lev	el: RAID 1 Miri	rored Size (MB) 102400			
Re	ename Referenced LUN		Configured Size (G	B) 100	Admin Sta	ate: Unline			
Se Se	et Online		Deployed LUN Det	aile Applied	DOUL				
1	at the dealers of		LUN New Nam	0115	Referenced I UN Na	me: 100ab			
se se	et Undeployed		Deploy Nar	e: 100ab	I IN	ID: 1000			
📥 Cli	aim Orphaned LUN		Drive Stat	te: ontimal	LOIN	10. 1000			
			51110 510	c. opennar					
Local LUNs	Controller Definitions Faults								
A Silver and	Evenent 🔂 Drint								
	Export Corner								
Name	RAID Level	Size (MB)	Conf	ig State	Deploy Name	LUN ID	0	Drive State	₽
100gb	RAID 1 Mirrored	102400	Applie	ed	100gb	1000	ot	ptimal	*
Data	RAID 1 Mirrored	102400	Applie	ed	Data	1001	o	ptimal	
									-
Details									
			PATD Los	ol: DATD 1 Min	mored Size /	(MP) 103400			
R Se Se	tename Referenced LUN let Online let Undeployed		RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar	vel: RAID 1 Mir GB) 100 Ite: Applied tails ne: me: Data	rored Size (Admin St Boot Referenced LUN Na	(MB) 102400 ate: Online able Disabled ame: Data	_		
R R S S C	tename Referenced LUN iet Online iet Undeployed Jaim Orphaned LUN		RAID Lev Configured Size (i Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta	vel: RAID 1 Mir GB) 100 tte: Applied ttails me: me: Data tte: optimal	rrored Size (Admin St Boot Referenced LUN Na LUN	(MB) 102400 ate: Online able Disabled ame: Data NID: 1001	_		
General Inven	tename Referenced LUN let Online let Undeployed daim Orphaned LUN ntory Virtual Machines Hybrid D	isplay Installed Firmware	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC	vel: RAID 1 Mir GB) 100 tte: Applied tails me: me: Data tte: optimal Sessions VIF P.	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events	FSM Health Sta	tistics Temperatur	es Power
General Inven	tename Referenced LUN let Online let Undeployed laim Orphaned LUN ntory Virtual Machines, Hybrid D CIMC COLIN, CPUIN MEMORY	isplay Installed Firmware	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Deploy Nar Drive Sta SEL Logs CIMC	vel: RAID 1 Mir GB) 100 tte: Applied tails me: Data tte: optimal Sessions VIF Property of the sessions	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events	FSM Health Stat	tistics Temperatur	es Power
General Inven	tename Referenced LUN tet Online tet Undeployed daim Orphaned LUN tory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory	isplay Installed Firmware Adapters HBAs NICs iS	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 tte: Applied tails me: Data tte: optimal Sessions VIF P ge	rored Size (Admin St Boot Referenced LUIN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events	FSM Health Stat	tistics Temperatur	es Power
General Inven Motherboard Controller LUI	tename Referenced LUN tet Online tet Undeployed daim Orphaned LUN ntory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory A INs Disks	isplay Installed Firmware Adapters HBAs NICs iS	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	rel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: Optimal Sessions VIF Pr ge	rored Size (Admin St Boot Referenced LUIN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events	FSM Health Stat	tistics Temperatur	es Power
General Inven Motherboard Controller LUI	tename Referenced LUN tet Online tet Undeployed daim Orphaned LUN ntory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory INs Disks Filter A Export C Print	isplay Installed Firmware Adapters HBAs NICs iS	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: Optimal Sessions VIF P. ge	rored Size (Admin St Boot Referenced LUIN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events	FSM Health Stat	tistics Temperatur	es Power
General Inven Motherboard Controller LUI	tename Referenced LUN et Online tet Undeployed daim Orphaned LUN ntory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory INs Disks Filter = Export & Print	isplay Installed Firmware Adapters HBAs NICs iS	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P. ge	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events	FSM Health Stat	tistics Temperatur	es Power
General Inven Motherboard Controller LUI t C K K F Name	tename Referenced LUN tet Online tet Undeployed daim Orphaned LUN ttory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory INs Disks Filter = Export Print Size (1)	isplay Installed Firmware Adapters HBAs NICs iS MB) Serial	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P ge Operability	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events Presence	FSM Health Stat	tistics Temperatur Bootable	es Power
General Inven Motherboard Controller LUI Tomme Name Storage	tename Referenced LUN et Online at Undeployed daim Orphaned LUN ttory Virtual Machines Hybrid D CIMC CPUs GPUs Memory Ns Disks Filter => Export Deprint Size (1 e Controller PCH 3 e Controller PCH 4 e Contro	isplay Installed Firmware Adapters HBAs NICs iS MB) Serial	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P ge Operability	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 or Faults Events Presence	FSM Health Stat	tistics Temperatur Bootable	es Power
General Inven Motherboard Controller LUI Tomore Controller Name Storage Controller Cult	tename Referenced LUN et Online iet Undeployed daim Orphaned LUN ttory Virtual Machines Hybrid D CIMC CPUs GPUs Memory Ns Disks Filter = Export Deprint Filter Size (1 e Controller PCH 3 e Controller SAS 1 http://www.apace.com/online/sas 1 http://wwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwww	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: me: Data te: optimal Sessions VIF P. ge Operability	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito Drive State	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 or Faults Events Presence	FSM Health Star	tistics Temperatur Bootable	es Power
General Inven Motherboard Controller LUI Tomore Controller Name Storage Storage Deb	tename Referenced LUN et Online iet Undeployed Jaim Orphaned LUN ttory Virtual Machines Hybrid D CIMC CPUs GPUs Memory Ns Disks Filter = Export Print Filter = Export Print c Controller PCH 3 e Controller SAS 1 k 1 28514 k 2 29514	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICS Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: me: bata te: optimal Sessions VIF P ge Operability Operability	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito Drive State	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped	FSM Health Stat	tistics Temperatur Bootable False	es Power
General Inven Motherboard Controller LUI Tomor Controller LUI Storage Storage Storage Storage Storage Storage Storage Storage	tename Referenced LUN et Online et Undeployed Jaim Orphaned LUN ttory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory Nts Disks Filter State Export Print Eiter PCH 3 e Controller PCH 3 e Controller SAS 1 k 1 28514 k 2 28514 k 3 28514	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial 3 Z0K0HDQ8000 3 Z0K0HCR9000 3 Z0K0HCR9000	RAID Lev Configured Size (Config Sta Deployed LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICS Storage SCSI vNICS Storage 00C5382LBF 00C5393GJW	vel: RAID 1 Mir GB) 100 te: Applied tails me: me: optimal Sessions VIF P ge Operability Operable Operable Operable Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito Drive State Unconfigured Good	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipped Equipped	FSM Health Star	tistics Temperatur Bootable False False	es Power
General Inven Motherboard Controller LU The Controller LU Controller LU Contro	tename Referenced LUN et Online et Undeployed Jaim Orphaned LUN ttory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter = Export Print Filter = Export Print size (controller PCH 3 e Controller SAS 1 k 1 285144 k 2 285144 k 3 285144 k 4 285144	Nisplay Installed Firmware Adapters HBAs NICs IS MB) Serial 3 Z0K0HDQ8000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: me: me: me: me: me: me: me: me: me:	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito Drive State Unconfigured Good Unconfigured Good	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipped Equipped	FSM Health Star	tistics Temperatur Bootable False False False	es Power
R R S S General Inven Motherboard Controller LU Controller LU Controller Storage Storage Storage Disk Obsk Obsk Obsk Obsk Obsk Obsk Obsk Ob	tename Referenced LUN let Online let Undeployed laim Orphaned LUN ttory Virtual Machines, Hybrid D CIMC CPUs GPUs Memory J Ns Disks Filter SExport Print size (t e Controller PCH 3 e Controller PCH 3 e Controller SAS 1 k 1 285144 k 2 285144 k 3 285144	Nisplay Installed Firmware Adapters HBAs NICs IS MB) Serial 3 Z0K0HDQ8000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag SCSI vNICs Storag CSS82LBF 0C5383GJW 0C5380LV8 0C53812RN 0C53812RN	vel: RAID 1 Mir GB) 100 te: Applied tails me: me: coptimal Sessions VIF P ge Operability Operable Operable Operable Operable Operable Operable Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito brive State Unconfigured Good Unconfigured Good Unconfigured Good	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipped Equipped Equipped	FSM Health Star Technology HDD HDD HDD HDD HDD	tistics Temperatur Bootable False False False False	es Power
R R S S General Inven Motherboard Controller LU Controller LU Controller Storage Storage Storage Disk Obsk Obsk Obsk Obsk Obsk Obsk Obsk Ob	tename Referenced LUN iet Online iet Undeployed iaim Orphaned LUN tory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter SExport Print size (1 e Controller PCH 3 e Controller PCH 3 e Controller SAS 1 k 1 285144 k 2 285144 k 4 285144 k 5 285144 k 6 285141	Nisplay Installed Firmware Adapters HBAs NICs is MB) Serial 3 Z0K0HDQ8000 3 Z0K0HCR9000 3 Z0K0HCR9000 3 Z0K0HF2P0001 3 Z0K0HF2P0001 3 Z0K0HF3P0001 3 Z0K0HF3P000	RAID Lev Configured Size (Config Stae (LUN New Nar Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: me: optimal Sessions VIF P ge Operability Operable Operable Operable Operable Operable Operable Operable Operable Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito aths Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipped Equipped Equipped Equipped	FSM Health Star Technology HDD HDD HDD HDD HDD HDD HDD	tistics Temperatur Bootable False False False False False	es Power
R S S General Inven Motherboard Controller LU	tename Referenced LUN tet Online tet Undeployed tory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter = Export Print size (1 e Controller PCH 3 e Controller SAS 1 k 1 285144 k 2 285144 k 4 285144 k 5 285144 k 6 285144 k 7 285144	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial 3 Z0K0HDQ8000 3 Z0K0HCR9000 3 Z0K0HF2P000 3 Z0K0HF2P000 3 Z0K0HF2P000 3 Z0K0HF5R000 3 Z0K0HF5R000 3 Z0K0FF5R000	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag CS382LBF 0C5383CLV8 0C5380LV8 0C5380LV8 0C5380LV8 0C5380LV0 0C53316U	rel: RAID 1 Mir SB) 100 te: Applied tails me: Data te: optimal Sessions VIF P pe Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito aths Power Control Monito Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events r Faults Events r Faults Events r Faults Events r Faults Events r Equipped Equipped Equipped Equipped Equipped	FSM Health Star Technology HDD HDD HDD HDD HDD HDD HDD HDD	tistics Temperatur Bootable False False False False False False	es Power
General Inven	tename Referenced LUN iet Online iet Undeployed Jaim Orphaned LUN tory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter = Export Print Filter = Export Print filte 28514 k 1 28514 k 4 28514 k 5 28514 k 6 28514	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial 3 Z0K0HDQ8000 3 Z0K0HCR9000 3 Z0K0HF2P000 3 Z0K0HF2P000 3 Z0K0HF2P000 3 Z0K0HF2P000 3 Z0K0HF5R000 3 Z0K0HF5R000 3 Z0K0HF5R000	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag OC5382LBF 0C5393GJW 0C5380LV8 0C5380LV8 0C5380LV8 0C5380LV0 00C533116U SEL Logs CIMC S	rel: RAID 1 Mir SB) 100 te: Applied tails me: Data te: optimal Sessions VIF P pe Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable	rored Size Admin St Boot Referenced LUN Na LUN aths Power Control Monito Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped	FSM Health Star Technology HDD HDD HDD HDD HDD HDD HDD HDD HDD	tistics Temperatur Bootable False False False False False False False False	es Power
General Inven Source Storage	tename Referenced LUN tet Online tet Undeployed taim Orphaned LUN tory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter = Export C Print Filter = Export PCH 3 tory Controller PCH 3 tory Controller SAS 1 k 1 285144 k 2 285144 k 4 285144 k 4 285144 k 6 285144 k 7 285144 http://witual Machines Hybrid D	Adapters HBAs NICs iS NICs IS	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI VNICs Storag OC5382LBF OC5393GJW OC5380LV8 OC5380LV8 OC5380LV0 OC533116U SEL LOgs CIMC S	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P pe Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito Drive State Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped Equipped	FSM Health Star HDD HDD HDD HDD HDD HDD HDD HDD HDD HDD	tistics Temperatur Bootable False False False False False False False False False False False	es Power
General Inven Motherboard Controller LU LU Controller LU Controller LU Storage Storage Storage Storage Disk Storage Storage Storage Disk Storage Storage Disk Storage Sto	tename Referenced LUN iet Online iet Undeployed ilaim Orphaned LUN tory Virtual Machines Hybrid D CIMC CPUs GPUs Controller PCH 3 Controller SAS 1 k 1 285144 k 3 285144 k 4 285144 k 4 285144 k 5 285144 k 5 285144 k 6 28514 k 6 28514 k 6 28514 k 7	Adapters HBAs NICs iS Serial S	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag OC5382LBF OC5393GJW OC5380LV8 OC5380LV8 OC5380LV8 OC533116U SEL LOgs CIMC S Storag CIMC Storag	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P ge Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monito Drive State Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online	(MB) 102400 ate: Online able Disabled ame: Data I ID: 1001 r Faults Events Presence Equipped Equip	FSM Health Star Technology HDD HDD HDD HDD HDD HDD HDD HDD HDM	tistics Temperatur Bootable False False False False False False False False False False False False	es Power
R R S S General Inven Motherboard Controller LU Controller LU Controller LU Storage Obs Obs Obs Obs Obs Obs Obs Obs Obs Obs	tename Referenced LUN et Online iet Undeployed ilaim Orphaned LUN ntory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter Export PCH 3 E Controller PCH 3 E Controller SAS 1 k 1 285144 k 4 285144 k 4 285144 k 5 285144 k 6 285144 k 6 285144 k 7 28514 k	Adapters HBAs NICs iS NICs VICS VICS NICS VICS VICS VICS VICS VICS VICS VICS VICS	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag OC5383LBF OC5393GJW OC5380LV8 OC5380LV8 OC5380LV8 OC533116U SEL LOgs CIMC S SI VNICs Storage	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P pe Operable Operable Operable Operable Operable Operable Operable Operable Operable Sessions VIF Path	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monitor Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipp	FSM Health Star Technology HDD HDD HDD HDD HDD HDD HDD HDD HDD	tistics Temperatur Bootable False False False False False False False False False False False False False	es Power
R R R S S General Inven Motherboard Controller LU T Name Storage Storage Disk Disk Disk Disk Disk Disk Disk Disk Controller LU Motherboard Controller LU Controller	tename Referenced LUN et Online iet Undeployed ilaim Orphaned LUN http:/// Virtual Machines Hybrid D CIMC CPUs GPUs Memory // Size (controller PCH 3 e Controller SAS 1 k 1 285144 k 2 285144 k 4 285144 k 4 285144 k 5 285144 k 5 285144 k 6 285144 k 7 28514 k 7 2851	VIB) Serial VIB) Serial VIB) Serial COKOHDQ8000 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR90 COKOHC	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag OC5383LBF OC5393GJW OC5380LV8 OC5380LV8 OC5380LV8 OC533116U SEL Logs CIMC S SEI Logs CIMC S	vel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P pe Operable Operable Operable Operable Operable Operable Operable Operable Operable Operable VIF Path	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monitor Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipp	FSM Health Stat	tistics Temperatur Bootable False False False False False False False False False False False False	es Power
R R S General Inven Motherboard Controller LU Disk Storage Storage Storage Disk Obsk Obsk Obsk Obsk Obsk Obsk Obsk Ob	tename Referenced LUN et Online iet Undeployed ilaim Orphaned LUN ntory Virtual Machines Hybrid D CIMC CPUs GPUs Memory k1 Controller PCH 3 controller PCH 3 controller SAS 1 k1 285144 k4 285144 k4 285144 k5 285144 k4 285144 k5 28514 k5 285 k5 2851 k5	iisplay Installed Firmware Adapters HBAs NICs iS VIB) Serial 3 Z0K0HDQ8000 3 Z0K0HCR9000 3 Z0K0HCR9000 3 Z0K0HCP0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF3R000 3 Z0K0HF3 3 Z0K0H5 3 Z0K0H5 3 Z0K0H5 3 Z	RAID Lev Configured Size (Config Sta Deployed LUN De LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI vNICs Storag OC5383CU8 OC5393GJW OC53812RN OC5380LV8 OC5380LV8 OC538116U SEL Logs CIMC S ST vNICs Storage	rel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P ge Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monitor Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online Online	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipp	FSM Health Stat	tistics Temperatur Bootable False False False False False False False False False False False False	es Power
R R R S General Inven Motherboard Controller LU Controller LU Controller LU Controller LU Storage Storage Disk Disk Disk Disk Disk Controller LU Controller LU	tename Referenced LUN et Online iet Undeployed ilaim Orphaned LUN ntory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter Export Print Size (Controller PCH 3 Controller SAS 1 k 1 285144 k 3 285144 k 4 285144 k 4 285144 k 5 285144 k 5 285144 k 5 285144 k 5 285144 k 7 28514 k 7	NB) Serial Se	RAID Lev Configured Size (Config Sta Deployed LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI VNICS Storage OC5393GJW OC5393GJW OC5393GJW OC5393GJW OC5393GJW OC5393GJW OC533116U SEL Logs CIMC S SSI VNICS Storage	rel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P operable Operable Operable Operable Operable Operable Operable Operable Operable State	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monitor Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online Online	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipp	FSM Health Stat	tistics Temperatur Bootable False Fa	es Power
General Inven Motherboard Controller LU The Controller LU Controller LU	tename Referenced LUN et Online iet Undeployed iaim Orphaned LUN ntory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter Export PCH 3 Controller PCH 3 CIMC CPUs GPUs Memory / Ns Disks Filter Export PCH 4 Size (Size (CPUs GPUs Memory / Ns Disks Filter Export Size (iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial 3 Z0K0HCR9000 3 Z0K0HCR9000 3 Z0K0HCP0000 3 Z0K0HCP0000 3 Z0K0HF20000 3 Z0K0HF200000 3 Z0K0HF200000 3 Z0K0HF20000000000000000000000000000000000	RAID Lev Configured Size (Config Sta Deployed LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI VNICS Storage OC5383CJW OC5383CJW OC5383CJW OC533812RN OC533812RN OC533116U SEL Logs CIMC S SCSI VNICS Storage CIMC Storage	rel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P Operable Operable Operable Operable Operable Operable Operable Operable Operable State	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monitor Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online Online	(MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipp	FSM Health Stat	tistics Temperatur Bootable False	es Power
General Inven Motherboard Controller LU Image: Controller LU Ima	tename Referenced LUN et Online iet Undeployed iaim Orphaned LUN http:/// Virtual Machines// Hybrid D CIMC CPUs GPUs Memory / Ns Disks Filter Export PCH 3 Controller SAS 1 k1 285144 k4 285144 k5 285144 k5 285144 k6 285144 k7 285144 k7 285144 k6 285144 k7 285144 k7 285144 k7 285144 k5 k6 285144 k5 k6 285144 k5 k6 285144 k5 k6 28514 k5 k6	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial 3 Z0K0HDQ8000 3 Z0K0HCR9000 3 Z0K0HCR9000 3 Z0K0HCR9000 3 Z0K0HF2P0000 3 Z0K0HF2P00000 3 Z0K0HF2P00000 3 Z0K0HF2P00000 3 Z0K0HF2P00000000000000000000000000000000000	RAID Lev Configured Size (Config Sta Deployed LUN New Nar Deploy Nar Drive Sta SEL Logs CIMC SCSI VNICS Storage OC5383CJW OC5383CJW OC5383CJW OC53812RN OC53380LV8 OC533116U SEL Logs CIMC S SCSI VNICS Storage CIMC Storage	rel: RAID 1 Mir GB) 100 te: Applied tails me: Data te: optimal Sessions VIF P Operable	rored Size (Admin St Boot Referenced LUN Na LUN aths Power Control Monitor Drive State Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Unconfigured Good Online Online bs Power Control Monitor ((MB) 102400 ate: Online able Disabled ame: Data IID: 1001 r Faults Events Presence Equipped Equipp	FSM Health Star Technology HDD HDD HDD HDD HDD HDD HDD HDD HDD HDD	tistics Temperatur Bootable False False False False False False False False False False False False False False False False False False	es Power