Konfigurieren von Speicherprofilen für integrierte Server der C-Serie mit UCSM

Inhalt

Einführung Voraussetzungen Anforderungen Verwendete Komponenten Konfigurieren Disk Group Policy erstellen Speicherprofil erstellen Boot-Richtlinie basierend auf Boot LUN erstellen Überprüfen Fehlerbehebung

Einführung

In diesem Dokument wird beschrieben, wie Sie Speicherprofile für integrierte Server der C-Serie mit Cisco UCS (Unified Computing System) Manager (UCSM) konfigurieren. Speicherprofile ermöglichen Flexibilität bei der Definition der Anzahl der Speicherlaufwerke, der Rollen und der Verwendung dieser Festplatten sowie anderer Speicherparameter. Grundsätzlich können Sie eine virtuelle Festplatte in verschiedene Bereiche aufteilen, die als Logical Unit Number (LUNs) bezeichnet werden, und diesen LUNs Rollen zuweisen.

Voraussetzungen

Anforderungen

Für dieses Dokument bestehen keine speziellen Anforderungen.

Verwendete Komponenten

Dieses Dokument ist nicht auf bestimmte Software- und Hardwareversionen beschränkt.

Die Informationen in diesem Dokument wurden von den Geräten in einer bestimmten Laborumgebung erstellt. Alle in diesem Dokument verwendeten Geräte haben mit einer leeren (Standard-)Konfiguration begonnen. Wenn Ihr Netzwerk in Betrieb ist, stellen Sie sicher, dass Sie die potenziellen Auswirkungen eines Befehls verstehen.

Konfigurieren

Disk Group Policy erstellen

Dieses Beispiel ist gültig, wenn Sie Festplatten6-7 zum Erstellen eines Redundant Array of

Independent Disks (RAID) 1-Volumes verwenden, das zum Erstellen von LUNs verwendet wird. Sie können auch die Konfiguration der automatischen Datenträgergruppe verwenden, wenn das System die Festplatten auswählt. In diesem Beispiel wird die manuelle Konfiguration für Demonstrationszwecke verwendet, falls Sie die Festplatten manuell zuweisen möchten, wie im Bild gezeigt.

Properties			
Name: qa	m-c220-boot		
Description:			
RAID Level: RA	AID 1 Mirrored	-	
O Disk Gro Disk Group (oup Configuration (Automatic Configuration (Manual)) 💿 Disk Group Configuratio	n (Manual)
🕰 Filter 🖨 E	Export 😹 Print		
Slot Number	Role	Span ID	F
6	Normal	Unspecified	
7	Normal	Unspecified	

Speicherprofil erstellen

Nachdem Sie **Festplattengruppe** erstellt haben, erstellen Sie das **Speicherprofil**, und erstellen Sie **Boot LUN** und **Data LUN(s)**.

Local LUNs Controller Defi	nitions Faults								
🔍 Filter 🖨 Export 😸 Pri	nt								
Name	RAID Level	Size (MB)		Config State	Deploy Name	LUN ID	Drive State	₽	
100gb	RAID 1 Mirrored	0		Not Applied					13
Data	RAID 1 Mirrored	0		Not Applied					-
								-	
Details									_
Actions			LUN Details	5					
Set I IN Name			Profile LUI	N Name: 100gb	Order: No	t Applicable			
Distance of the second se			RA	ID Level: RAID 1 Mirrored	Size (MB) 0				
Rename Refere	nced LUN		Configured	Size (GB) 100	Admin State: On	line			
Set Online			Conf	ig State: Not Applied	Bootable Dis	abled			
			Deployed LL	JN Details					
Set Undeployed			LUN Ne	w Name:	Referenced LUN Name:				
L Claim Ocebaned	LE LINE		Deplo	y Name:	LUN ID:				

Prope	rties	
	Name:	100gb
	Size (GB):	100
	Fractional Size (MB):	0
	Auto Deploy:	Auto Deploy O No Auto Deploy
	Expand To Available:	
Select	Disk Group Configuration:	gam-c220-boot Create Disk Group Policy
Proper	ties	
	Name: I	Data
	Size (GB):	100
	Fractional Size (MB):	0
	Auto Deploy:	Auto Deploy O No Auto Deploy
	Expand To Available:	

Hier sind nur wenige Punkte zu beachten:

1. Bootfähig ist deaktiviert, da das Serviceprofil noch nicht angewendet wurde.

2. Das Feld "Controller-Definition" ist leer. Es wird nur mit einem internen PCH-Controller für interne SSDs verwendet. Die PCH Controller-Definition ermöglichte die Konfiguration eines einzelnen LUN-RAID über zwei interne SSDs, die mit dem integrierten PCH-Controller verbunden sind.



Boot-Richtlinie basierend auf Boot LUN erstellen

In diesem Beispiel wurde LUN mit dem Namen 100gb erstellt, das als Boot LUN dienen soll. Erstellen Sie daher die Boot-Richtlinie entsprechend, und wenden Sie sie auf das Serviceprofil an.

General Events												
Actions	Properties	,										
📅 Delete		Name: 10	00GB_Lun									
Show Policy Usage		Description:										
 Use Global		Owner: Lo	ocal									
	Reboot or	n Boot Order Change:										
	Enforce vNI	IC/vHBA/iSCSI Name: 🛛	/									
		Boot Mode:	Legacy O U	efi								
Warning												
The type (primary/secondar	y) does not inc	dicate a boot order prese	ence.									
The effective order of boot	devices within	the same device class (L	AN/Storage/iSCS	I) is determined by PCIe by	us scan ord	ler.						
If it is not selected, the vNI	Cs/vHBAs are s	selected if they exist, ot	herwise the vNIC	/vHBA with the lowest PCI	e bus scan	order is used.						
		Boot Order										
Local Devices	×	(+) (=) 🛃 Filter 🖨	Export 🔀 Prin	t								
CIMC Mounted vMedia	8				-			ch	D	Prot Prot	Desistent	F
	-	Name	Order	VNIC/VHBA/ISCSI VNIC	Type	LUN Name	VV VVIN	SIOT NUMBER	Boot Name	Boot Path	Description	
vNICs	8		2									1
		Local Lun In	nage		Primary	100gb						
vHBAs	8	-										
ISCSI vNICs	Ś											
FFT Shell	8											

Überprüfen

In diesem Abschnitt überprüfen Sie, ob Ihre Konfiguration ordnungsgemäß funktioniert.

Bevor Sie das Serviceprofil auf den Server anwenden, stellen Sie sicher, dass die in der Datenträgergruppe verwendeten Festplatten den Status "Nicht konfiguriert, gut" haben. Andernfalls tritt der Fehler auf, der besagt, dass die Datenträger zum Zeitpunkt der Serviceprofilzuordnung nicht ausreichend sind. In diesem Beispiel wurde Disk6-7 verwendet, sodass sie in "Unconfigured Good" (Nicht konfiguriertes Gut) sein sollten, wenn sie sich im "Online"-Zustand oder "Jbod" befinden, dann klicken Sie mit der rechten Maustaste auf diese Festplatten und wählen **Set Unconfigured Bad to Good (Unkonfiguriertes Schlecht auf Gut festlegen)** aus.

🛨 🖃 🔍 Filter 🖨 Export	😓 Print							
Name	Size (MB)	Serial	Operability	Drive State	Presence	Technology	Bootable	E
Storage Controller PCH	3							
🗄 📶 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	

Fehlerbehebung

Dieser Abschnitt enthält Informationen, die Sie zur Fehlerbehebung bei Ihrer Konfiguration verwenden können.

Sobald das Serviceprofil erfolgreich angewendet wurde, sollte die Konfiguration wie folgt aussehen:

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 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 Tomoral Storage Storage Storage	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 Size (1 c Controller PCH 3 c 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 SB) 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 Tontroller LUI Tontroller Storage Storage Storage Disk Storage Disk 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 00C5383GJW	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 daim 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 C General Inven Motherboard Controller LU Controller Controller Co	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 Operabile 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	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
R R R S S S S S S S S S S S S S	tename Referenced LUN tet Online tet Undeployed taim Orphaned LUN tory Virtual Machines Hybrid D CIMC CPUs GPUs Memory / Rs Disks Filter SAS 1 k 1 285144 k 2 285144 k 4 285144 k 4 285144 k 5 285144 k 6 285144 k 7 285144 ntory Virtual Machines Hybrid D CIMC CPUs GPUs Memory /	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 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 IID: 1001 r Faults Events Presence Equipped Equipp	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 Print Size (controller PCH 3 controller SAS 1 k 1 285144 k 3 285144 k 4 285144 k 4 285144 k 4 285144 k 5 285144 k 5 285144 k 7 28514 k 7 28514 k 7 k 7 28514 k 7 k 7 k 7 k 7 k 7 k 7 k 7 k 7 k 7 k 7	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 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 Controller IU Motherboard Controller LU Controller LU C	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 2 285144 k 4 285144 k 4 285144 k 5 285144 k 5 285144 k 7 28514 k 7 k 7 k 7 k 7 k 7 k 7 k 7 k 7 k 8 k 7 k 8 k 7 k 8 k 7 k 8 k 7 k 8 k 8 k 8 k 8 k 8 k 8 k 8 k 8 k 8 k 8	VIB) Serial VIB) Serial VIB) Serial COKOHDQ8000 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR900 COKOHCR90 COKO	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 Z0K0HCP0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF2P0000 3 Z0K0HF3R000 3 Z0K0HF3R0000 3 Z0K0HF3R0000 3 Z0K0HF3R00000000000000000000000000000000000	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 S General Inven Motherboard Controller LU T Name Storage Storage Disk Disk Disk Disk Disk Disk Ceneral Inven Motherboard Controller LU T Storage Storage Disk Disk Ceneral Inven Motherboard Controller LU T Storage Disk Storage 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	NISPIAY Installed Firmware Adapters HBAs NICs iS NICs Serial S ZOKOHCR9000 S ZOKOHCR9000 S ZOKOHCP0000 S ZOKOHCP00000 S ZOKOHCP00000 S ZOKOHCP000000 S ZOKOHCP00000 S ZOKOHCP00000000 S	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 0 Size (COntroller SAS 1 k 1 285144 k 4 285144 k 5 285144 k 4 285144 k 5 285144 k 7 285144 k 7 285144 k 7 285144 k 7 285144 k 5 285144 k 6 285144 k 7 285144 k 5 285144 k 7 28514	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial 3 Z0K0HCR9000 3 Z0K0HCR9000 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 OC5380LV8 OC5380LV8 OC5380LV8 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 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 laim Orphaned LUN http://Virtual Machines/Hybrid D CIMC CPUs GPUs Memory Filter Export Size (controller PCH 3 controller SAS 1 k1 28514 k4 28514 k4 28514 k5 28514 k6 28514 k6 28514 k7 28514 k7 28514 k7 28514 k7 28514 k7 28514 k6 28514 k6 28514 k6 28514 k5 28514 k6 28514 k5 2851 k5 2851 k5 2851 k5 2851 k5 2851 k5	iisplay Installed Firmware Adapters HBAs NICs iS MB) Serial 3 Z0K0HCR9000 3 Z0K0HCR9000 3 Z0K0HC9000 3 Z0K0HC9000 3 Z0K0HF9000 3 Z0K0H79000 3 Z0K0H790000 3 Z0K0H790000 3 Z0K0H790000 3 Z0K0H790000 3 Z0K0H790000 3 Z0K0H790000 3 Z0K0H790000 3 Z0K0H790000000000000000000000000000000000	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 Operable Operable Operable 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 Unconfigured Good Online Online bs Power Control Monitor ((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 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