

device-alias SERVER

MDS# show zone vsan 1048

MDS# show zone active vsan 1048

MDS# show zoneset vsan 1048

MDS# show zoneset active vsan 1048

N9K-A# show zone active vsan 1048 zone name SERVER-NETAPP vsan 1048 * fcid 0xe10000 [device-alias SERVER]

zone name SERVER-NETAPP vsan 1048

MDS# show zone active vsan 1048 zone name SERVER-NETAPP vsan 1048 * fcid 0xe10000 [device-alias SERVER]

MDS# show zoneset vsan 1048

device-alias SERVER

zoneset name ZONESET-SERVER-NETAPP vsan 1048

zoneset name ZONESET-SERVER-NETAPP vsan 1048

1DS(config)# zone mode enhanced vsan 1048

Set zoning mode command initiated. Check zone status

VSAN: 1048 default-zone: deny distribute: full Interop: default

VSAN: 1048 default-zone: deny distribute: full Interop: default

N9K-A(config)# device-alias database N9K-A(config-device-alias-db)# device-alias name TEST pwwn 20:00:00:25:b5:00:00:01

WARNING: This command would distribute the zoning database of this switch throughout the fabric. Do

zone name SERVER-NETAPP vsan 1048

MDS# show zoneset active vsan 1048

MDS(config)# configure terminal

you want to continue? (y/n) [n] y

MDS# show zone status vsan 1048

N9K-A# show zone status vsan 1048

mode: enhanced merge-control: allow

session: none

session: none

smart-zoning: disabled <... output omitted ...>

smart-zoning: disabled <... output omitted ...>

N9K-A# configure terminal

Total number of entries = 2

Total number of entries = 2

device-alias SERVER device-alias TEST

MDS# show device-alias database

N9K-A# show zone pending vsan 1048 zone name SERVER-NETAPP vsan 1048

N9K-A# show zone active vsan 1048 zone name SERVER-NETAPP vsan 1048 * fcid 0xe10000 [device-alias SERVER]

N9K-A(config)# zone commit vsan 1048

zone name SERVER-NETAPP vsan 1048

N9K-A# show zone active vsan 1048 zone name SERVER-NETAPP vsan 1048 * fcid 0xe10000 [device-alias SERVER]

zone name SERVER-NETAPP vsan 1048

MDS# show zone active vsan 1048 zone name SERVER-NETAPP vsan 1048 * fcid 0xe10000 [device-alias SERVER]

fc1/3 is down (Isolation due to zone merge failure)
Port description is Connects to MDS-CORE

1DS(config)# zoneset import interface fc1/3 vsan 1048

* fcid 0xe10000 [pwwn 20:00:00:25:b5:00:08:01] [SERVER]

Port WWN is 20:03:00:3a:9c:54:3d:f0 Admin port mode is E, trunk mode is auto

snmp link state traps are enabled

MDS# show zoneset active vsan 1048

zone name Host-NetApp vsan 1048

pwwn 20:00:00:25:b5:00:08:01

pwwn 20:00:00:25:b5:00:08:01

N9K-A# show zoneset active vsan 1048

zone name Host-NetApp vsan 1048

pwwn 20:00:00:25:b5:00:08:01

pwwn 20:00:00:25:b5:00:08:01

zone name IVR vsan 1048

User name

Password

vmware esxi*

🔁 Virtual Machines

vmware esxi

Manage

Monitor

Dirtual Machines
Storage

Metworking

vmware esxi

Manage

Monitor

Networking

New datastore

2 Select device

1 Select creation type

3 Select partitioning options 4 Ready to complete

vmware[®]

New datastore - LUN Datastore

3 Select partitioning options 4 Ready to complete

vmware[®]

🛅 New datastore - LUN Datastore

3 Select partitioning options 4 Ready to complete

vmware

🛅 New datastore - LUN Datastore

3 Select partitioning options 4 Ready to complete

vmware[®]

New datastore - LUN Datastore

3 Select partitioning options4 Ready to complete

vmware

1 VMFS datastore LUN Datastore succesfully created a dismis

■ datastore1

Pod-08

Recent tasks

Create Vmfs Datastore

Rescan Vmfs

LUN Datastore

vmware esxi

Manage

Networking

▼ 🖺 Host

1 Select creation type

2 Select device

Storage

Navigator

▼ 📳 Host

Navigator

▼ 📳 Host

Storage

Networking

1 Welcome to dcufx-eg01-pod-08.dc.local - dismiss

zone name IVR vsan 1048

zoneset name Zoneset-Host-NetApp vsan 1048

* fcid 0xad3ea6 [pwwn 20:03:00:a0:98:d5:6c:36] * fcid 0xad40a6 [pwwn 20:05:00:a0:98:d5:6c:36]

* fcid 0xad3ea6 [pwwn 20:03:00:a0:98:d5:6c:36] * fcid 0xad40a6 [pwwn 20:05:00:a0:98:d5:6c:36]

zoneset name Zoneset-Host-NetApp vsan 1048

* fcid 0xad3ea6 [pwwn 20:03:00:a0:98:d5:6c:36] * fcid 0xad40a6 [pwwn 20:05:00:a0:98:d5:6c:36]

* fcid 0xad3ea6 [pwwn 20:03:00:a0:98:d5:6c:36] * fcid 0xad40a6 [pwwn 20:05:00:a0:98:d5:6c:36]

vmware[®]

root

......

Log in

6.7.0 Update 3 (Build 15160138)

dcufx-eg01-pod-08.dc.local

0.03 days

Target

NETAPP ISCSI Disk (naa.600a098038304568595d4f4a5947...

NETAPP Fibre Channel Disk (naa.600a098038304568595d4f...

Datastores Adapters Devices Persistent Memory

Select creation type

Create new VMFS datastore

Mount NFS datastore

Select device

LUN Datastore

Name

Select a device on which to create a new VMFS partition

NETAPP Fibre Channel Disk (naa.600a0980383045...

Select partitioning options

Before, select a partition

Ready to complete

Ready to complete

Datastores Adapters Devices Persistent Memory

√ Target

doutk-eg01-pod-08.do.local

Summary

Name

Warning

Summary

Name

Disk

Partitioning VMFS version

Use full disk

Select how you would like to partition the device

Free space (10 GB)

The following devices are unclaimed and can be used to create a new VMFS datastore

VMFS 6

LUN Datastore

LUN Datastore

The entire contents of this disk are about to be erased and replaced with the

specified configuration, are you sure?

🖺 New datastore 🔃 Increase capacity | 🧬 Register a VM 🛛 Datastore browser | 🦪 Refresh | 👛 Actions

SSD

SSD

Unknown

root

®Created by Matthew Rich, TCE, Cisco Systems, Inc.

CISCO

Capacity

2.5 GB

9.75 GB

1.6 TB

VMFS (10 GB)

6

How would you like to create a datastore?

Add an extent to existing VMFS datastore

Expand an existing VMFS datastore extent

State:

Uptime:

dcufx-eg01-pod-08.dc.local - Storage

dcufx-eg01-pod-08.dc.local - Storage

datastore1

Pod-08

Datastores Adapters Devices

→ Hardware

🕏 Recent tasks

💋 Manage with vCenter Server | 😘 Create/Register VM | 🔓 Shut down 🖺 Reboot | 🧲 Refresh | 💠 Actions

👔 This host is being managed by vCenter Server. Actions may be performed automatically by vCenter Server without your knowledge. 🦚 Actions

👔 This host is potentially vulnerable to issues described in CVE-2018-3646, please refer to https://kb.vmware.com/s/article/55636 for details and VMware

A Normal, Degraded

Normal

Capacity

1.6 TB

▼ Configuration

Started

Disk (SSD)

Disk (SSD)

→ Provisioned → Free

1.14 TB

10 GB

~ Type

NFS

Create a new VMFS datastore on a local disk device

Next

Capacity

10 GB

Next

1. VMFS (10 GB)

Next

Finish

Cancel

Finish

Free space

1 items

Cancel

10 GB

Finish

Cancel

469.87 GB

Back

Type

Disk (SSD)

Back

Back

NETAPP Fibre Channel Disk (naa.600a098038304568595d4f4a59476d67)

Back

Yes

Provisioned ~

1.41 GB

1.41 GB

1.14 TB

12/18/2022 06:00:57

Free

1.09 GB

8.34 GB

469.87 GB

12/18/2022 06:00:57

~ Type

VMFS6

VMES6

Ompleted successfully

No

Next

Finish

04568595d4f4a59476d67)

Finish Cancel

Single

Single

Single

Completed ▼

12/18/2022 06:00:58

12/18/2022 06:00:57

3 items

root@10.10.1.100 🕶 | Help 🕶 | 🝳 Search

→ Thin provis... →

Supported

Supported

Supported

Cancel

After

128

32

root@10.10.1.100 - | Help - | Q Se

Normal (connected to vCenter Server at 10.10.1.50)

Persistent Memory

🖺 New datastore 🔃 Increase capacity | 🧬 Register a VM 🛛 Datastore browser | 🥑 Refresh | 🔅 Actions

Drive Type

Unknown

🖺 New datastore 🔼 Increase capacity 📃 Rescan 📗 😅 Refresh 📗 🏰 Actions

vmware" esxi"

root@10.10.1.100 - | Help - | Q Search

USED: 142 MHz

USED: 1.41 GB

MEMORY

FREE: 43.9 GHz

CAPACITY: 44 GHz

FREE: 176.23 GB

CAPACITY: 190.66 GB

CAPACITY: 2.5 GB

Q Search

NETAPP

NETAPP

Q Search

Single

2 items

→ Thin provis... → Access

Supported

Supported

2 items

Hardware is Fibre Channel, SFP is short wave laser w/o OFC (SN)

N9K-A# show zone vsan 1048

device-alias SERVER device-alias TEST

device-alias TEST

device-alias SERVER device-alias TEST

device-alias TEST

Port vsan is 1048 <... output omitted ...>

1DS# configure terminal

MDS# show interface fc1/3

MDS# show zone vsan 1048

Commit operation initiated. Check zone status

mode: enhanced merge-control: allow

hard-zoning: enabled broadcast: unsupported

hard-zoning: enabled broadcast: unsupported

N9K-A(config-device-alias-db)# device-alias commit
N9K-A(config)# show device-alias database

device-alias name TEST pwwn 20:00:00:25:b5:00:00:01 device-alias name SERVER pwwn 20:00:00:25:b5:00:08:01

device-alias name TEST pwwn 20:00:00:25:b5:00:00:01 device-alias name SERVER pwwn 20:00:00:25:b5:00:08:01

N9K-A(config)# zone name SERVER-NETAPP vsan 1048

one)# member device-alias TEST

Enhanced zone session has been created. Please 'commit' the changes when done.

N9K-A(config)# zoneset activate name ZONESET-SERVER-NETAPP vsan 1048

zone name SERVER-NETAPP vsan 1048
* fcid 0xe10000 [device-alias SERVER]

MDS# show zone vsan 1048

device-alias SERVER

N9K-A(config)# zoneset distribute full vsan 1048

Zoneset activation initiated. check zone status

N9K-A(config)# zoneset activate name ZONESET-SERVER-NETAPP vsan 1048

Zoneset not present

Zone not present

Zone not present

Zoneset not present

Zoneset not present

N9K-A# show zoneset active vsan 1048