

NetworkAppliance.NS0-194.v2025-04-14.q82

Exam Code:	NS0-194
Exam Name:	NetApp Certified Support Engineer
Certification Provider:	Network Appliance
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https://www.freeqas.com/qa/NetworkAppliance/NS0-194/NetworkAppliance.NS0-194.v2025-04-14.q82.html	

NEW QUESTION: 1

Exhibit:

```
NetApp Release 8.1.4P7 7-Mode: Fri Nov 21 02:12:14 PST 2014
System ID: 11111111 (filer2); partner ID: 22222222 (filer3)
System Serial Number: 888888888 (C4NLAMSYMD9)
System Rev: E1
System Storage Configuration: Multi-Path HA
System ACP Connectivity: NA
slot 0: System Board 2.5 GHz (System Board XI B3)
Model Name: FAS6080
Part Number: 110-00140
Remote LAN Module Status: Online
Firmware Version: 4.1
slot 0: FC Host Adapter 0a (QLogic 2432 rev. 2, N-port, <UP>)
Firmware rev: 5.4.100
Host Port Id: 0x30100
FC Node Name: 5:00a:098300:27c24a
FC Port Name: 5:00a:098300:27c24a
SFP Vendor: AVAGO
SFP Part Number: AFBR-57R6APZ-NA1
SFP Serial Number: B91102AZ1D
SFP Capabilities: 1, 2 or 4 GbE
Link Data Rate: 4 Gbit
Switch Port: switch3a1
switch1:15.44 : NETAPP X292_HVIP560F15 NA03 560.0GB 520B/sect (J9YEN49L)
switch1:15.45 : NETAPP X292_HVIP560F15 NA03 560.0GB 520B/sect (J9YG1U3L)
switch1:6.80 : NETAPP X292_HVIP560F15 NA03 560.0GB 520B/sect (J9YBPHXL)
slot 0: FC Host Adapter 0c (QLogic 2432 rev. 2, N-port, <UP>)
Firmware rev: 5.4.100
Host Port Id: 0x40100
FC Node Name: 5:00a:098100:27c24a
FC Port Name: 5:00a:098100:27c24a
SFP Vendor: AVAGO
SFP Part Number: AFBR-57R6APZ-NA1
SFP Serial Number: B91102AUL2
```

```

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System Serial Number: 888888888 (C4NLAMSYMD9)
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Model Name: FAS6080
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Remote LAN Module Status: Online
Firmware Version: 4.1
slot 0: FC Host Adapter 0a (QLogic 2432 rev. 2, N-port, <UP>)
Firmware rev: 5.4.100
Host Port Id: 0x30100
FC Node Name: 5:00a:098300:27c24a
FC Port Name: 5:00a:098300:27c24a
SFP Vendor: AVAGO
SFP Part Number: AFBR-57R6APZ-NA1
SFP Serial Number: B91102AZ1D
SFP Capabilities: 1, 2 or 4 Gbit
Link Data Rate: 4 Gbit
Switch Port: switch3:1
switch1:15.44 : NETAPP X292_HVIP560F15 NA03 560.0GB 520B/sect (J9YEN49L)
switch1:15.45 : NETAPP X292_HVIP560F15 NA03 560.0GB 520B/sect (J9YG1U3L)
switch1:6.80 : NETAPP X292_HVIP560F15 NA03 560.0GB 520B/sect (J9YBPHXL)
slot 0: FC Host Adapter 0c (QLogic 2432 rev. 2, N-port, <UP>)
Firmware rev: 5.4.100
Host Port Id: 0x40100
FC Node Name: 5:00a:098100:27c24a
FC Port Name: 5:00a:098100:27c24a
SFP Vendor: AVAGO
SFP Part Number: AFBR-57R6APZ-NA1
SFP Serial Number: B91102AUL2
FC Node Name: 21:00:00:24:ff:2a:5a:c2
Firmware rev: 5.3.140 Serial No: RFD1013A65553
Host Port Id: 0x30000
Cacheline size: 16 FC Packet size: 2048
SFP Vendor: FINISAR CORP.
SFP Part Number: FTLF8524E2KNL
SFP Serial Number: PHB1SBF
SFP Capabilities: 1, 2 or 4 Gbit
Link Data Rate: 4 Gbit
Switch Port: switch3:0
I/O base 0x00000000000007000, size 0x100
memory mapped I/O base 0xfe600000, size 0x4000
slot 1: FCVI Host Adapter 1b (QLogic 2432 (2462) rev. 3, F-port, <UP>)
Physical link: UP
FC Node Name: 21:00:00:24:ff:2a:5a:c3
Firmware rev: 5.3.140 Serial No: RFD1013A65553
Host Port Id: 0x40000
Cacheline size: 16 FC Packet size: 2048
SFP Vendor: FINISAR CORP.
SFP Part Number: FTLF8524E2KNL
SFP Serial Number: PHB5WSV
SFP Capabilities: 1, 2 or 4 Gbit
Link Data Rate: 4 Gbit
Switch Port: switch4:0
I/O base 0x00000000000007400, size 0x100
memory mapped I/O base 0xfe604000, size 0x4000

===== SYSCONFIG-R =====
RAID group /aggr3/plex1/rg1 (normal, block checksums)

RAID Disk Device HA SHELF BAY CHAN Pool Type RPM Used (MB/blks) Phys (MB/blks)
-----
dparity switch1:15.45 0a 2 13 FC:B 1 FCAL 15000 560000/1146880000 560879/1148681096
parity switch1:11.29 0a 1 13 FC:B 1 FCAL 15000 560000/1146880000 560208/1147307688
data switch2:14.74 0c 4 10 FC:A 1 FCAL 15000 560000/1146880000 560879/1148681096

```

You are provided output from the sysconfig -a and sysconfig -r commands of a MetroCluster cluster for disk switch 1:15.45 SN#J9YG1U3L, as shown in the exhibit.

Which two statements are true in this scenario? (Choose two.)

- A. The disk is located in switch3.
- B. The disk is in shelf 2 bay 13.
- C. The disk is located at the file2 site.
- D. The disk is located at the file3 site.

Answer: (SHOW ANSWER)

NEW QUESTION: 2

You are trying to determine why AutoSupport notifications are not being sent.

Which two types of output would be used first to solve this problem? (Choose two.)

- A. the MGWD.log
- B. the notifyd.log
- C. output of the network interface show command
- D. output of the autosupport history show command

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 3

You replaced the controller of an HA pair in a 4-node cluster running clustered Data ONTAP 8.3.1. You have gone through all hardware testing requirements before booting the system.

Which action is now required to boot the system successfully?

- A. Use the boot_ontap command from the loader prompt.
- B. Use the disk reassign -s <source systemid> -d <destination systemid> command from maintenance mode.
- C. Use the storage disk reassign -s <source system id> -d <destination system id> command from diagnostics mode.
- D. Use the storage disk reassign -s <source system id> -d <destination system id> command from the cluster shell.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 4

While troubleshooting intermittent takeover impossible command entries on the console, you request the output of the storage failover interconnect statistics error show command.

Which two counters would help troubleshoot this problem? (Choose two.)

- A. link error recovery counter
- B. avg peer connection time
- C. peer connections lost
- D. sent queue length counter

Answer: (SHOW ANSWER)

NEW QUESTION: 5

You want to update your storage system and are concerned about the compatibility of the SAN components and the host environment.

In this scenario, which two actions should you take to verify compatibility? (Choose two.)

- A. Upload AutoSupports to Active IQ.
- B. Use the Interoperability Matrix Tool.
- C. Use Active IQ Interop Advisor.

D. Use the Active IQ Config Advisor.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

```
cluster1:~# vselver services name=service ns=switch show -vselver svm
/ server Database Source
-----
svm1 hosts files,
      dns
svm1 group files,
      ldap
svm1 passwd files,
      ldap
svm1 netgroup files
svm1 namemap files
: entries were displayed
```

Referring to the exhibit, the UNIX user "prof1" will be looked up in which source first?

- A. dns
- B. ldap
- C. files
- D. nis

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

On an AFF system, which three storage efficiencies are enabled by default? (Choose three.)

- A. compression
- B. deduplication
- C. compaction
- D. reallocation
- E. encryption

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

Which two statements are true about epsilon in a 4-node cluster? (Choose two.)

- A. Epsilon is used for determining the up node in failover.
- B. Epsilon is automatically assigned to the last node added to a cluster.
- C. Epsilon is used as a tie-breaker for determining a quorum.
- D. Epsilon is authentically assigned to the first node when a cluster is created.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 9

```
system ID: 0537095047 (netapp02n1); partner ID: 0537095086 (netapp02n2)
system Serial Number: 721717000030 (netapp02n1)
system Rev: C3
system Storage Configuration: Quad-Path HA
system ACP Connectivity: Inband Active
ll-Flash Optimized: true
apacity Optimized: false
ackplane Part Number: 111-01459
ackplane Rev: E2
ackplane Serial Number: 021648023564
lot 0: System Board 2.1 GHz (System Board XX C3)
      Model Name:      AFF8040
      Machine Type:    FAS8040
      Part Number:     111-01209
      Revision:        C3
..
lot 0: SAS Host Adapter 0a (PMC-Sierra PM8001 rev. C, SAS, <OFFLINE (hard)>)
firmware rev:      01.12.09.00
base WWN:          5:00a098:003a853:10
phy State:        [0] Disabled
                  [1] Disabled
                  [2] Disabled
                  [3] Disabled
SFP Vendor:       not available
SFP Part Number:  not available
SFP Type:         not available
SFP Serial Number: not available
lot 0: SAS Host Adapter 0b (PMC-Sierra PM8001 rev. C, SAS, <OFFLINE (hard)>)
firmware rev:      01.12.09.00
base WWN:          5:00a098:003a853:14
phy State:        [4] Disabled
                  [5] Disabled
                  [6] Disabled
                  [7] Disabled
SFP Vendor:       not available
SFP Part Number:  not available
SFP Type:         not available
SFP Serial Number: not available
lot 0: SAS Host Adapter 0c (PMC-Sierra PM8001 rev. C, SAS, <OFFLINE (hard)>)
firmware rev:      01.12.09.00
base WWN:          5:00a098:003a853:18
phy State:        [0] Disabled
                  [1] Disabled
                  [2] Disabled
                  [3] Disabled
SFP Vendor:       not available
SFP Part Number:  not available
SFP Type:         not available
SFP Serial Number: not available
lot 0: SAS Host Adapter 0d (PMC-Sierra PM8001 rev. C, SAS, )
firmware rev:      01.12.09.00
base WWN:          5:00a098:003a853:1c
phy State:        [4] Disabled
                  [5] Disabled
                  [6] Disabled
                  [7] Disabled
SFP Vendor:       not available
SFP Part Number:  not available
SFP Type:         not available
SFP Serial Number: not available
..
lot 0: IB Host Adapter i0 (Mellanox ConnectX MT27518 rev. 0)
running Firmware:  2.11.534
debug Firmware: No
interconnect Port 1:
port Name:         ib0a
default GUID:     fe80:0000:0000:0000:00a0:9800:0035:3e2c
base LID:         0xe2c
active MTU:       4096
data Rate:        40 Gb/s (4X) QDR
link State:       ACTIVE
interconnect Port 2:
port Name:         ib0b
default GUID:     fe80:0000:0000:0000:00a0:9800:0035:3e2d
base LID:         0xe2d
active MTU:       4096
data Rate:        40 Gb/s (4X) QDR
```

```

slot 0: Intel USB EHCI Adapter u0a (0x47f20000)
root0 ATP IG eUSB 0xaf01, class 0/0, rev 2.00/11.00, addr 2 7676MB 512B/sect (devproto=0x00)
slot 1: FCVI Host Adapter 1a (QLogic 8324(2672) rev. 2, F-port)
Physical link:      UP
FC Node Name:      21:00:00:0e:1e:e9:bc:70
Firmware rev:      8.01.141
Serial No:         RFE1709S90753
Host Port Id:      0x80000
FC Packet size:    2048
SFP Vendor:        FINISAR CORP.
SFP Part Number:   FTLF8529P3BCV-QL
SFP Serial Number: UVF1X7Y
SFP Capabilities:  4, 8 or 16 Gbit
SFP Wavelength:   850nm
Link Data Rate:    16 Gbit
Switch Port:       sw02-02:0
Switch Vendor:     Brocade Communications, Inc.
Switch Model:      109.1
Switch FW Version: v8.1.2a
slot 2: FCVI Host Adapter 1b (QLogic 8324(2672) rev. 2, F-port)
Physical link:      UP
FC Node Name:      21:00:00:0e:1e:e9:bc:71
Firmware rev:      8.01.141
Serial No:         RFE1709S90753
Host Port Id:      0x70000
FC Packet size:    2048
SFP Vendor:        FINISAR CORP.
SFP Part Number:   FTLF8529P3BCV-QL
SFP Serial Number: UVF1GCZ
SFP Capabilities:  4, 8 or 16 Gbit
SFP Wavelength:   850nm
Link Data Rate:    16 Gbit
Switch Port:       sw02-01:0
Switch Vendor:     Brocade Communications, Inc.
Switch Model:      109.1
Switch FW Version: v8.1.2a
slot 3: FC Host Adapter 3a (Emulex XE201 rev. 48, N-port, )
Board name:        111-02451
Serial Number:     FC62549991
Firmware rev:      11.4.277.0
Host Port Id:      0x70200
FC Node Name:      2:000:0090fa:e5e2c3
FC Port Name:      1:000:0090fa:e5e2c3
SFP Vendor:        EMULEX
SFP Part Number:   AFBR-57F5MZ-ELX
SFP Serial Number: AC1612J0A1K
SFP Capabilities:  4, 8 or 16 Gbit
Link Data Rate:    16 Gbit
Switch Port:       sw02-01:2
sw01-01:8.126L1    : NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (X6N0A01VTODE)
...
sw02-01:8.126L544 : NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (Z6R0A0RRTODE)
FC-to-SAS Bridge:
sw02-01:8.126L0    : ATTO      FibreBridge7500N 2.96 FB7500N104556
sw01-01:8.126L0    : ATTO      FibreBridge7500N 2.96 FB7500N104355
sw02-01:8.shelf60: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-01:8.shelf61: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-01:8.shelf80: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-01:8.shelf81: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:8.shelf20: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:8.shelf21: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:8.shelf40: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:8.shelf41: DS2246   Firmware rev. IOM6 A: 0191 IOM6 B: 0191
slot 3: FC Host Adapter 3b (Emulex XE201 rev. 48, N-port, <HP>)

```

```
board name: 111-02451
Serial Number: FC62549991
Firmware rev: 11.4.277.0
Host Port Id: 0x80200
FC Node Name: 2:000:0090fa:e5e2c2
FC Port Name: 1:000:0090fa:e5e2c2
SFP Vendor: EMULEX
SFP Part Number: AFBR-57F5M2-ELX
SFP Serial Number: AC1612J0A1H
SFP Capabilities: 4, 8 or 16 Gbit
Link Data Rate: 16 Gbit
Switch Port: sw02-02:2
sw01-02:8.126L1 : NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (X6N0A01VT0DE)
...
sw02-02:8.126L544: NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (Z6R0A0RRT0DE)
FC-to-SAS Bridge:
sw02-02:8.126L0 : ATTO FibreBridge7500N 2.96 FB7500N104556
sw01-02:8.126L0 : ATTO FibreBridge7500N 2.96 FB7500N104355

sw02-02:8.shelf60: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-02:8.shelf61: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-02:8.shelf80: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-02:8.shelf81: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:8.shelf20: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:8.shelf21: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:8.shelf40: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:8.shelf41: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
...
slot 4: FC Host Adapter 4a (Emulex XE201 rev. 48, N-port, )
Board name: 111-02451
Serial Number: FC62547357
Firmware rev: 11.4.277.0
Host Port Id: 0x70300
FC Node Name: 2:000:0090fa:e5e52d
FC Port Name: 1:000:0090fa:e5e52d
SFP Vendor: EMULEX
SFP Part Number: AFBR-57F5M2-ELX
SFP Serial Number: AA1612J0B4T
SFP Capabilities: 4, 8 or 16 Gbit
Link Data Rate: 16 Gbit
Switch Port: sw02-01:3
sw01-01:9.126L27 : NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (X6N0A01VT0DE)
...
sw02-01:9.126L518: NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (Z6R0A0RRT0DE)
FC-to-SAS Bridge:
sw01-01:9.126L0 : ATTO FibreBridge7500N 2.96 FB7500N104551
sw02-01:9.126L0 : ATTO FibreBridge7500N 2.77 FB7500N104550

sw02-01:9.shelf60: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-01:9.shelf61: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-01:9.shelf80: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-01:9.shelf81: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:9.shelf20: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:9.shelf21: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:9.shelf40: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-01:9.shelf41: DS2246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
...
slot 4: FC Host Adapter 4b (Emulex XE201 rev. 48, N-port, )
Board name: 111-02451
Serial Number: FC62547357
Firmware rev: 11.4.277.0
Host Port Id: 0x80300
FC Node Name: 2:000:0090fa:e5e52c
FC Port Name: 1:000:0090fa:e5e52c
SFP Vendor: EMULEX
SFP Part Number: AFBR-57F5M2-ELX
SFP Serial Number: AA1612J0B43
SFP Capabilities: 4, 8 or 16 Gbit
Link Data Rate: 16 Gbit
Switch Port: sw02-02:3
sw01-02:9.126L27 : NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (X6N0A01VT0DE)
...
sw02-02:9.126L518: NETAPP X447_TPM4V800AMD NA01 762.8GB 520B/sect (Z6R0A0RRT0DE)
```

FreeQA's

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FC-to-SAS Bridge:
sw01-02:9.126L0 : ATTO      FibreBridge7500N 2.96 FB7500N104551
sw02-02:9.126L0 : ATTO      FibreBridge7500N 2.77 FB7500N104550
sw02-02:9.shelf60: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-02:9.shelf61: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-02:9.shelf80: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw02-02:9.shelf81: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:9.shelf20: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:9.shelf21: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:9.shelf40: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
sw01-02:9.shelf41: DS2246  Firmware rev. IOM6 A: 0191 IOM6 B: 0191
...

```

Which type of MetroCluster is shown in the exhibit?

- A. 4-node Fabric-Attached MetroCluster
- B. 4-node stretch MetroCluster
- C. 2-node stretch MetroCluster
- D. 4-node MetroCluster IP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Exhibit:

```

===== SYSCONFIG-A =====
NetApp Release 8.2.1 Cluster-Mode: Fri Mar 21 14:48:58 PDT 2014
System ID: 654321 (filer12); partner ID: 234567 (filer11)
System Serial Number: 111111111 (filer12)
System Storage Configuration: Multi-Path HA
System ACP Connectivity: Full Connectivity
slot 0: System Board 2.0 GHz (System Board XX B3)
Model Name: FAS8020
Service Processor Status: Online
Firmware Version: 3.0

Before the event:
===== ENVIRONMENT =====
Channel: 0b
Shelf: 20
SES device path: local access: 1b.20.99
Module type: IOM6; monitoring is active
Shelf status: critical condition
SES Configuration, shelf 20:
logical identifier=0x500a09800355b174
vendor identification=NETAPP
product identification=DS2246
product revision level=0162
Shelf bays with disk devices installed:
23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0
with errors: none
Power Supply installed element list: 1, 2; with errors: none
Power Supply information by element:
[1] Serial number: XXT134600052 Part number: 114-00065+A2
Type: 9C
Firmware version: 020F Swaps: 0
[2] Serial number: XXT134600052 Part number: 114-00065+A2
Type: 9C
Firmware version: 020F Swaps: 0
Voltage Sensor installed element list: 1, 2, 3, 4; with errors: none
Shelf voltages by element:
[1] 5.00 Volts Normal voltage range
[2] 12.04 Volts Normal voltage range
[3] 5.00 Volts Normal voltage range
[4] 12.04 Volts Normal voltage range
Current Sensor installed element list: 1, 2, 3, 4; with errors: none
Shelf currents by element:
[1] 6440 mA Normal current range
[2] 0 mA Normal current range

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[4] 0 mA Normal current range
Cooling Unit installed element list: 1, 2, 3, 4; with error: none
Cooling Units by element:
[1] 8000 RPM
[2] 8000 RPM
[3] 8000 RPM
[4] 8020 RPM
Temperature Sensor installed element list: 1, 2, 3, 4, 5, 6, 7, 8; with error: none
Shelf temperatures by element:
[1] 18 C (64 F) (ambient) Normal temperature range
[2] 21 C (69 F) Normal temperature range
[3] 20 C (68 F) Normal temperature range
[4] 42 C (107 F) Normal temperature range
[5] 19 C (66 F) Normal temperature range
[6] 41 C (105 F) Normal temperature range
[7] 20 C (68 F) Normal temperature range
[8] 20 C (68 F) Normal temperature range
ES Electronics installed element list: 1, 2; with error: none
ES Electronics reporting elements: 1
ES Electronics information by element:
[1] Serial number: 7900483514 Part number: 111-00190+B0
CPLD version: 23 Swaps: 0
[2] Serial number: 7900476781 Part number: 111-00190+B0
CPLD version: 23 Swaps: 0
ACP installed element list: 1, 2; with error: none
SAS Expander Module installed element list: 1, 2; with error: none
SAS Expander master module: 1

==== EMS-LOG-FILE.GS =====
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: ses.status.fanError:critical]: DS2246 (S/N SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 1: critical status. This module is on the rear of the shelf on the lower left power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: callhome.shlf.fan:EMERGENCY]: Call home for SHELF COOLING UNIT FAILED
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: ses.status.fanError:critical]: DS2246 (S/N SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 2: critical status. This module is on the rear of the shelf on the lower left power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: callhome.shlf.fan:EMERGENCY]: Call home for SHELF COOLING UNIT FAILED
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: ses.status.fanError:critical]: DS2246 (S/N SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 3: critical status. This module is on the rear of the shelf on the lower right power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: callhome.shlf.fan:EMERGENCY]: Call home for SHELF COOLING UNIT FAILED
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: ses.status.fanError:critical]: DS2246 (S/N SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 4: critical status. This module is on the rear of the shelf on the lower right power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: callhome.shlf.fan:EMERGENCY]: Call home for SHELF COOLING UNIT FAILED

After the event:
==== ENVIRONMENT =====
Environment for channel 0b
Number of shelves monitored: 2 enabled: yes
Environmental failure on shelves on this channel? yes

Channel: 0b
Shelf: 20
SES device path: local access: 1b.20.99
Module type: IOM6; monitoring is active
Shelf status: normal condition
SES Configuration, shelf 20:
logical identifier=0x500a09800325174
vendor identification=NETAPP
product identification=DS2246
product revision level=0162
Shelf bays with disk devices installed:
23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0
with error: none

```

Power Supply installed element list: 1, 2; with error: none
Power Supply information by element:
[1] Serial number: XXT134600052 Part number: 114-00065+A2
Type: 9C
Firmware version: 020F Swaps: 1
[2] Serial number: XXT134699988 Part number: 114-00065+A2
Type: 9C
Firmware version: 020F Swaps: 0
Voltage Sensor installed element list: 1, 2, 3, 4; with error: none
Shelf voltages by element:
[1] 5.00 Volts Normal voltage range
[2] 12.04 Volts Normal voltage range
[3] 5.00 Volts Normal voltage range
[4] 12.04 Volts Normal voltage range
Current Sensor installed element list: 1, 2, 3, 4; with error: none
Shelf currents by element:
[1] 6710 mA Normal current range
[2] 0 mA Normal current range
[3] 7220 mA Normal current range
[4] 0 mA Normal current range
Cooling Unit installed element list: 1, 2, 3, 4; with error: none
Cooling Units by element:
[1] 0 RPM
[2] 0 RPM
[3] 0 RPM
[4] 0 RPM

```

```

Temperature Sensor installed element list: 1, 2, 3, 4, 5, 6, 7, 8; with error: none
Shelf temperatures by element:
[1] 0 C (32 F) (ambient) Normal temperature range
[2] 0 C (32 F) Normal temperature range
[3] 0 C (32 F) Normal temperature range
[4] 0 C (32 F) Normal temperature range
[5] 0 C (32 F) Normal temperature range
[6] 0 C (32 F) Normal temperature range
[7] 0 C (32 F) Normal temperature range
[8] 0 C (32 F) Normal temperature range
ES Electronics installed element list: 1, 2; with error: none
ES Electronics reporting element: 1
SAS connector attached element list: 1, 2, 3, 4; with error: none
ACP installed element list: 1, 2; with error: none
ACP information by element:
[1] MAC address: 00:A0:98:70:FB:84
[2] MAC address: 00:A0:98:70:FB:82
SAS Expander Module installed element list: 1, 2; with error: none
SAS Expander master module: 2

```

Which two steps would you perform to correct the problem shown in the exhibit? (Choose two.)

- A. Perform a takeover and giveback.
- B. Reseat the power supplies.
- C. Replace the shelf chassis.
- D. Reseat the shelf modules.

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 11

You want to set up a FabricPool between an ONTAP cluster and Google Cloud Storage.

In this scenario, which two components are required to accomplish this task? (Choose two.)

- A. a service account access key
- B. a Certificate Authority (CA) certificate
- C. an Express Route
- D. intercluster LIFs

Answer: B,D (LEAVE A REPLY)

Explanation/Reference: <https://www.netapp.com/pdf.html?item=/media/17239-tr4598pdf.pdf>

NEW QUESTION: 12

You are asked to replicate 15 of 20 volumes and the network configuration of your storage virtual machine to your other data center.

In this scenario, which NetApp technology should you use?

- A. SVM DR
- B. MetroCluster
- C. SnapMirror Synchronous
- D. SVM peering

Answer: C (LEAVE A REPLY)

NEW QUESTION: 13

Snap Drive for Windows has been installed and configured on a VMware virtual machine. The virtual machine has been configured with raw device mappings (RDMs) that are mapped to LUNs on a NetApp storage controller.

The RDMs can be seen as connected disks in Windows Disk Management.

However, Snap Drive is not enumerating the RDMs.

Which action will solve the problem in this scenario?

- A. Virtual Center or ESX server logon settings must be enabled and configured.
- B. Snap Drive must be installed on the virtual server.
- C. Snap Drive must have the preferred storage IP addresses configured.
- D. Snap Drive and Virtual Storage Console (VSC) integration must be configured.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 14

A customer wants to upgrade a cluster to a new version of ONTAP. In this scenario, what are two ways to ensure a successful upgrade? (Choose two.)

- A. Use the Upgrade Advisor report.
- B. Use Config Advisor.
- C. Use OnCommand Unified Manager.
- D. Use OnCommand System Manager.

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 15

Your customer calls at 8:40 a.m. indicating that the performance of his FAS2240-2 is very slow for all protocols used (NFS, FC, and SMB).

The customer explains that the day before, he migrated half of his virtual machines (VMs) onto new VMware VMFS data store LUNs in the same volume as his old VMFS data store LUNs.

What are two reasons for the customer's problem? (Choose two.)

- A. After moving the VMs to different data stores, the deduplication jobs that started during the night are still running.
- B. After moving the VMs, they are now backed up as new data in that volume, causing the SnapVault relationships to still operate. This is overloading the disks and causing slow performance for all users.

C. Moving the VMs to different data stores put their low read load VMs on slow disks. Because the read I/O for those VMs is slow, this is impacting consistency points on the controllers.

D. Moving the VMs elsewhere did not release the volume capacity used because of Snapshot copies. Now the volumes are too full and this will impact performance for all users.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 16

Which CIFS server configuration determines the domain controllers that a CIFS server uses?

A. discovery mode

B. enabled SMB versions

C. trusted domains

D. site membership

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 17

You are creating a disk-partitioned root aggregate.

Which two rules are enforced automatically when accomplishing this task? (Choose two.)

A. A RAID group can have more than one partition from the same disk.

B. The only supported RAID type for aggregates containing root-data partitioned disks is RAID-DP.

C. A RAID group cannot have more than one partition from the same disk.

D. The only supported RAID type for aggregates containing root-data partitioned disks is RAID 4.

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 18

Your Windows clients were able to access your CIFS SVM yesterday. Today they are no longer able to access the CIFS SVM on your NetApp cluster. Your IT security team just pushed out a new group policy to enhance security.

In this scenario, which statement is true?

A. Your CIFS SVM is configured for NFSv3 access.

B. Your CIFS SVM is configured for the wrong domain.

C. Your CIFS SVM is configured to use SMBv1 and SMBv2.

D. Your CIFS SVM is not using DNS.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

What will be the result of adding all nine spare disks to the aggregate?

- A. The aggregate will have seven RAID groups.
- B. The aggregate will have three RAID groups.
- C. The aggregate will have five RAID groups.
- D. You receive the "maximum number of raidgroups exceeded" error.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 20

How many drive bays does a DS4246 shelf have?

- A. 42
- B. 12
- C. 46
- D. 24

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

[https://www.insight.com/en_US/shop/product/DS4246074812AQR6/NETAPP/DS4246-0748-12A-QS-R6/NetAppStorageShelfDS4246-Storageenclosure-24bays\(SAS-2\)-HDD4TBx12-rack-mountable-4U/](https://www.insight.com/en_US/shop/product/DS4246074812AQR6/NETAPP/DS4246-0748-12A-QS-R6/NetAppStorageShelfDS4246-Storageenclosure-24bays(SAS-2)-HDD4TBx12-rack-mountable-4U/)

NEW QUESTION: 21

You log in to a SnapMirror destination to review the system.

Which scanner would you expect to see running?

- A. container block reclamation
- B. blocks used summary update
- C. active bitmap real management
- D. deswizzler

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 22

Which statement is correct for a mirrored aggregate?

- A. The aggregate has a RAID group that is double reconstructing.
- B. The aggregate is being copied.
- C. The aggregate is configured with SnapMirror.
- D. The aggregate is configured with SyncMirror.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 23

Exhibit:

```

NetApp Release 8.1.2P4 7-Mode: Fri Apr 26 19:57:25 PDT 2013
System ID: 1234567890 (filer123)
System Serial Number: 123456789012 (filer123)
System Rev: F3
System Storage Configuration: Multi-Path
System ACP Connectivity: Full Connectivity
slot 0: System Board 2.3 GHz (System Board XVI F3)
Model Name: FAS3210
Part Number: 111-00585
Revision: F3
Serial Number: 5001612616
BIOS version: 5.2.0
Loader version: 3.4
Processors: 2
Processor type: Intel(R) Xeon(R) CPU E5220 @ 2.33GHz
Memory Size: 5120 MB
Memory Attributes: Bank Interleaving
Hoisting
Rank Interleaving
Normal ECC
NVMEM Size: 640 MB of Main Memory Used
CMOS RAM Status: OK
Service Processor Status: Online
Firmware Version: 1.3.1
Mgmt MAC Address: 00:a0:98:14:96:00
Ethernet Link: up, 100Mb, full duplex, auto-neg complete
Using DHCP: no
IPv4 configuration:
IP Address: 10.253.1.184
Netmask: 255.255.255.0
Gateway: 10.253.1.1
IPv6 configuration: Disabled
slot 0: Dual 10G Ethernet Controller T320E-SFP/KR
Device Type: CT-FE-3
Version Number: T3-SRAM1.1.0-BR1016-02-01-FW7.7.209-DR04
Serial Number: jb04050693
c0a MAC Address: 00:a0:98:14:95:fc (auto-unknown-enabling)
c0b MAC Address: 00:a0:98:14:95:fd (auto-unknown-enabling)
slot 0: Internal BGE 10/100 Ethernet Controller
e0M MAC Address: 00:a0:98:14:95:fe (auto-100tx-fd-up)
e0P MAC Address: 00:a0:98:14:95:ff (auto-100tx-fd-up)
Device Type: BCM5721
slot 0: Dual 10/100/1000 Ethernet Controller G20
e0a MAC Address: 00:a0:98:14:95:fa (auto-unknown-down)
e0b MAC Address: 00:a0:98:14:95:fb (auto-unknown-down)
Device Type: Rev 6
slot 0: SAS Host Adapter 0a (PMC-Sierra PM8001 rev. C, SAS, )
Firmware rev: 01.11.00.00
Base WWN: 5:00a098:0000ebe:80
Phy State: [0] Enabled, 3.0 Gb/s
[1] Enabled, 3.0 Gb/s
[2] Enabled, 3.0 Gb/s
[3] Enabled, 3.0 Gb/s
QSFP Vendor: Molex Inc.
QSFP Part Number: 112-00177+A0
QSFP Type: Passive Copper 2m ID:01
QSFP Serial Number: 034820513
ID Vendor Model FW Size
01.0 : NETAPP X306_WMANT02TSSM NA08 1695.4GB (3907029168 512B/sect)
01.1 : NETAPP X306_WKOJN02TSSM NA00 1695.4GB (3907029168 512B/sect)

```

A customer receives the AutoSupport message shown below.

```

"[?] Sat Aug 23 13:00:27 PDT [hostname: env_rngr: callhome.c.fan.fru.fault:error] :
Call home for CHASSIS FAN FRU FAILED: SysFan3 F2 [?] Sat Aug 23 13:00:32
PDT [hostname: env_mgr: monitor.chassisFan.ok:notice]: Chassis fan Sysfan3 F2 is ok"

```

The output of the sysconfig -a command is shown in the exhibit.

In this scenario, what would you do to solve this problem?

- A. Update Data ONTAP to 8.1.4 at the latest patch level.
- B. Disconnect the controller from the mains, wait two minutes, and re-connect it in the next maintenance window.
- C. Replace the fan.

D. Update the Service Processor firmware.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 24

A customer will need to perform an upgrade from 9.0 to 9.4.

Which feature of ONTAP enables nondisruptive hardware maintenance for this upgrade?

A. RAID-TEC

B. aggregate relocation

C. FlexVol

D. FlexGroup

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

Exhibit:

```

netapp release 8.1.2P4 7-Mode: Fri Apr 26 19:57:25 PDT 2013
System ID: 1234567890 (filer123)
System Serial Number: 123456789012 (filer123)
System Rev: F3
System Storage Configuration: Multi-Path
System ACP Connectivity: Full Connectivity
slot 0: System Board 2.3 GHz (System Board XVI F3)
Model Name: FAS3210
Part Number: 111-00585
Revision: F3
Serial Number: 5001612616
BIOS version: 5.2.0
Loader version: 3.4
Processors: 2
Processor type: Intel(R) Xeon(R) CPU E5220 @ 2.33GHz
Memory Size: 5120 MB
Memory Attributes: Bank Interleaving
Hoisting
Rank Interleaving
Normal ECC
NVMEM Size: 640 MB of Main Memory Used
CMOS RAM Status: OK
Service Processor Status: Online
Firmware Version: 1.3.1
Mgmt MAC Address: 00:A0:98:14:96:00
Ethernet Link: up, 100Mb, full duplex, auto-neg complete
Using DHCP: no

IPv4 configuration:
IP Address: 10.253.1.184
Netmask: 255.255.255.0
Gateway: 10.253.1.1
IPv6 configuration: Disabled
slot 0: Dual 10G Ethernet Controller T320E-SFP/KR
Device Type: CT-FE-3
Version Number: T3-SRAM1.1.0-BR1016-02-01-FW7.7.209-DR04
Serial Number: jb04050693
c0a MAC Address: 00:a0:98:14:95:fc (auto-unknown-enabling)
c0b MAC Address: 00:a0:98:14:95:fd (auto-unknown-enabling)
slot 0: Internal BGE 10/100 Ethernet Controller
e0M MAC Address: 00:a0:98:14:95:fe (auto-100tx-fd-up)
e0P MAC Address: 00:a0:98:14:95:ff (auto-100tx-fd-up)
Device Type: BCM5721
slot 0: Dual 10/100/1000 Ethernet Controller G20
e0a MAC Address: 00:a0:98:14:95:fa (auto-unknown-down)
e0b MAC Address: 00:a0:98:14:95:fb (auto-unknown-down)
Device Type: Rev 6
slot 0: SAS Host Adapter 0a (PMC-Sierra PM8001 Rev. C, SAS, )
Firmware rev: 01.11.00.00
Base WWN: 5:00a098:0000ebe:80
Phy State: [0] Enabled, 3.0 Gb/s
[1] Enabled, 3.0 Gb/s
[2] Enabled, 3.0 Gb/s
[3] Enabled, 3.0 Gb/s
QSFP Vendor: Molex Inc.
QSFP Part Number: 112-00177+A0
QSFP Type: Passive Copper 2m ID:01
QSFP Serial Number: 034820513
ID Vendor Model FW Size
01.0 : NETAPP X306_WMANT02TSSM NA08 1695.4GB (3907029168 512B/sect)
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```

A customer receives the AutoSupport message shown below.

```

"(?) Sat Aug 23 13:00:27 PDT [hostname: env_rngr: callhome.c.fan.fru.fault:error] :
Call home for CHASSIS FAN FRU FAILED: SysFan3 F2 (?) Sat Aug 23 13:00:32
PDT [hostname: env_mgr: monitor.chassisFan.ok:notice]: Chassis fan Sysfan3 F2 is ok"

```

The output of the sysconfig -a command is shown in the exhibit.

In this scenario, what would you do to solve this problem?

A. Update Data ONTAP to 8.1.4 at the latest patch level.

- B. Replace the fan.
- C. Update the Service Processor firmware.
- D. Disconnect the controller from the mains, wait two minutes, and re-connect it in the next maintenance window.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 26

Users are complaining about slow file access. You suspect that the ONTAP cluster is causing the problem. In this scenario, which ONTAP command would help you troubleshoot this problem?

- A. application show-statistics
- B. storage aggregate verify
- C. qos statistics volume latency show
- D. clusterlog-forwarding show

Answer: B (LEAVE A REPLY)

NEW QUESTION: 27

Exhibit:

```

Question Exhibit
cluster::*> network interface show -vserver SVM1
Logical Status Network Current Current Is
Vserver Interface Admin/Oper Address/Mask Node Port Home
-----
SVM1
lif1
up/up 10.63.119.136/24 clusterA-01 e0c true
lif2
up/up 10.63.119.137/24 clusterA-02 e0c true
lif3
down/down 10.63.119.138/24 clusterB-04 e0d false
lif4
up/up 10.63.119.139/24 clusterB-04 e0d true
4 entries were displayed.

```

Round-robin DNS has been configured for all data LIFs belonging to SVM1. There is a data LIF on every node of that 4-node cluster.

The administrator has reports from users of sporadic user access issues when accessing CIFS shares on SVM1. The administrator determines that one out of four attempts result in a "path not found error" message. The administrator believes that the issue is network related.

Referring to the exhibit, which statement is correct?

- A. There is an issue with node clusterB-04's port e0d, causing "lif3" to be down.
- B. "lif3" has been administratively configured down.
- C. There are no issues found and all data LIFs are in a healthy status.
- D. "lif3" and "lif-4" are on different ports as "lif1" and "lif2".

Answer: B (LEAVE A REPLY)

NEW QUESTION: 28

Referring to the exhibit.

```
Question Exhibit
cluster::> cifs share show -vserver SVM1 -share-name test9

Vserver: SVM1
Share: test9
CIFS Server NetBIOS Name: SVM1
Path: /test9
Share Properties: oplocks
browsable
changenotify
Symlink Properties: symlinks
File Mode Creation Mask: -
Directory Mode Creation Mask: -
Share Comment: -
Share ACL: Everyone / No access
domainA\companyusers / Full Control
domainA\interngroup / No access
domainA\temps / Read
File Attribute Cache Lifetime: -
Volume Name: vol9
Offline Files: manual
Vscan File Operations Profile: standard
Maximum Tree Connections on Share: 4294967295
UNIX Group for File Create: -
```

A storage administrator tells you that a company security mandate was applied to remove all CIFS share level permissions of everyone - full control. Now users are unable to access CIFS shares.

The storage virtual machine (SVM) is named "SVM1" on clustered Data ONTAP 8.3.1. The storage administrator wants to know what can be done to restore full control access to users that are receiving "access denied" errors.

The storage administrator has provided you with the vserver cifs share show command output of one of the CIFS shares with issues as shown in the exhibit.

Which two steps must you perform to solve the problem? (Choose two.)

- A. Ensure that, in Active Directory, the desired users are members of the domainA \temps group.
- B. Execute the ::> vserver cifs share access-control delete -vserver SVM1 -share test9 - user-or-group domainA \Interngroup command from the controller.
- C. Ensure that, in Active Directory, the desired users are members of the domainA\companyusers group.
- D. Execute the ::> vserver cifs share access-control delete -vserver SVM1 -share test9 - user-or-group Everyone command from the controller.

Answer: (SHOW ANSWER)

NEW QUESTION: 29

Which three conditions would prevent a normal giveback operation? (Choose three.)

- A. LUNs mapped with ALUA enabled
- B. established NFSv3 sessions
- C. established CIFS sessions
- D. presence of failed disks
- E. ongoing SnapMirror updates

Answer: B,D,E (LEAVE A REPLY)

NEW QUESTION: 30

While troubleshooting client access issues to a CIFS share, you notice that the issue only occurs when the data LIF that the clients are accessing is on a specific node in the cluster.

In this scenario, which configuration should you review to determine why this issue is happening?

- A. cluster health
- B. share path
- C. Kerberos
- D. export policies

Answer: C (LEAVE A REPLY)

NEW QUESTION: 31

A customer has reported an unexplained reboot of an ONTAP node that did not generate a panic string or a core file.

In this scenario, which two sets of logs do you collect to further diagnosis the issue? (Choose two.)

- A. system core
- B. sp status
- C. events all
- D. sp status -d

Answer: A,C (LEAVE A REPLY)

Explanation/Reference:

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NEW QUESTION: 32

Exhibit:

```

autosupport.content complete
autosupport.doit MANAGEMENT_LOG
autosupport.enable on
autosupport.from postmaster@customer.local
autosupport.local_collection on
autosupport.mailhost mailrelay
autosupport.max_http_size 10485760
autosupport.max_smtp_size 5242880
autosupport.minimal.subject.id systemid
autosupport.nht_data.enable on
autosupport.notata
autosupport.ondemand.polling_interval 60
autosupport.ondemand.remotediag.state on
autosupport.ondemand.server_url https://support.netapp.com/aods/asupmessage
autosupport.ondemand.state on
autosupport.partner.to autosupport@partner.com
autosupport.payload_format 7z
autosupport.performance_data.doit ON
autosupport.performance_data.enable on
autosupport.periodic.tx_window 1h
autosupport.retry.count 15
autosupport.retry.interval 4m
autosupport.support.enable off
autosupport.support.proxy
autosupport.support.put_url support.netapp.com/put/AsupPut
autosupport.support.reminder on
autosupport.support.to autosupport@netapp.com
autosupport.support.transport https
autosupport.support.url support.netapp.com/asupprod/post/1.0/postAsup
autosupport.throttle on
autosupport.to admin@customer.com
autosupport.validate_digital_certificate on

```

Your customer has recently migrated from their FAS3140 system running Data ONTAP 7.3.7 to a FAS2552 system running Data ONTAP 8.2.3 7-Mode through the head upgrade process.

They are no longer receiving the weekly AutoSupport notifications and want to know why. The exhibit shows the AutoSupport options from the nodes that have the same settings.

In this scenario, which solution is correct?

- A. In Data ONTAP 8.2, weekly AutoSupport notifications are no longer sent to all recipients to reduce the mail load. The customer should add their e-mail address to the `autosupport.partner.to` option.
- B. In Data ONTAP 8.2, weekly AutoSupport notifications are no longer sent to the `autosupport.to` recipient, but only to `autosupport.partner.to` and to `autosupport.support.to`. The customer needs to add their e-mail address to one of these options.
- C. There is no reason on the FAS2552 side why the customer should not receive the AutoSupport notifications. They should investigate their mail server to troubleshoot this issue.
- D. In Data ONTAP 8.2, the protocol for AutoSupport is changed to HTTPS by default, so the customer must have an HTTPS destination for the AutoSupport data.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 33

Which two RAID types are used for ONTAP when aggregates are created? (Choose two.)

- A. RAID 6
- B. RAID-DP
- C. RAID-TEC
- D. RAID 5

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 34

A customer wants to protect the data in a volume using a schedule configured on a cluster. The customer is required to retain more backups on the destination than are present on the source.

What would the customer use to protect the data in this situation?

- A. LS
- B. XDP
- C. DP
- D. LSM

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 35

You are using AFF storage with the NVMe storage protocol on your Linux clients.

In this scenario, which NVMe feature must be present and enabled for the client to see storage failover happen?

- A. NVMe Qualified Name (NQN)
- B. Multi-Path I/O (MPIO)
- C. Asymmetric Namespace Access (ANA)
- D. Asymmetric Logical Unit Access (ALUA)

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 36

Referring to the exhibit.

Question | Exhibit

```
node2> node run -node node2 ifstat ela
-- interface ela (13 days, 22 hours, 41 minutes, 31 seconds)

RECEIVE

Frames/second: 39 | Bytes/second: 9956 | Errors/minute: 0
Discards/minute: 0 | Total frames: 37211k | Total bytes: 6257m
Total errors: 0 | Total discards: 0 | Multi/broadcast: 451k
No buffers: 0 | Non-primary u/c: 0 | LL terminate: 0
Tag drop: 0 | Vlan tag drop: 0 | Vlan untag drop: 0
Vlan forwards: 0 | All pkts: 37238k | MCast pkts: 442k
BCast pkts: 9155 | CRC errors: 298943245 | Bus overrun: 0
Alignment errors: 0 | Long frames: 0 | Jabber: 0
Pause frames: 0 | runt frames: 0 | Jumbo frames: 176k
All pkts: 26039k | MCast pkts: 20079 | BCast pkts: 940
Bus underruns: 0 | Pause frames: 0 | Jumbo frames: 703k

TRANSMIT

Frames/second: 31 | Bytes/second: 9316 | Errors/minute: 0
Discards/minute: 0 | Total frames: 26039k | Total bytes: 8434m
Total errors: 0 | Total discards: 0 | Multi/broadcast: 21020
Queue overflows: 0 | No buffers: 0

LINK_INFO
Current state: up | Up to downs: 2 | Speed: 10000m
Duplex: full | Flowcontrol: none
```

A customer receives "CLUSTER NETWORK DEGRADED" AutoSupport messages from this clustered Data ONTAP system. The customer suspects that something occurred physically to the nodes after they had a data center maintenance move.

The customer proceeds to follow the instructions in the Knowledge Base article regarding the "Error: CLUSTER NETWORK DEGRADED" message that results in the output shown in the exhibit.

After analysis, the customer decides to replace the small form-factor pluggable (SFP) transceivers and the cables on the system.

Which statistic supports the customer's analysis?

- A. Jumbo frames
- B. CRC errors
- C. BCast pkts
- D. Multi/broadcast

Answer: B (LEAVE A REPLY)

NEW QUESTION: 37

Exhibit:

Question	Exhibit
<pre> cluster::*> network interface show -vserver SVM1 Logical Status Network Current Current Is Vserver Interface Admin/Oper Address/Mask Node Port Home ----- SVM1 lif1 up/up 10.63.119.136/24 clusterA-01 e0c true lif2 up/up 10.63.119.137/24 clusterA-02 e0c true lif3 down/down 10.63.119.138/24 clusterB-04 e0d false lif4 up/up 10.63.119.139/24 clusterB-04 e0d true 4 entries were displayed. </pre>	

Round-robin DNS has been configured for all data LIFs belonging to SVM1. There is a data LIF on every node of that 4-node cluster.

The administrator has reports from users of sporadic user access issues when accessing CIFS shares on SVM1. The administrator determines that one out of four attempts result in a "path not found error" message. The administrator believes that the issue is network related.

Referring to the exhibit, which statement is correct?

- A. "lif3" has been administratively configured down.
- B. There is an issue with node clusterB-04's port e0d, causing "lif3" to be down.
- C. "lif3" and "lif-4" are on different ports as "lif1" and "lif2".
- D. There are no issues found and all data LIFs are in a healthy status.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 38

A customer has a Windows PC connected to an SMB share for a newly created volume on ONTAP storage. The share properties indicate that it has 475 GB free, the volume is configured as a 500 GB column. Which technology is responsible for this situation?

- A. compression
- B. Deswizzling
- C. Deduplication
- D. Snapshot reserve

Answer: (SHOW ANSWER)

NEW QUESTION: 39

An administrator on a clustered Data ONTAP 8.3.1 system created a FlexClone of a volume containing a LUN, but the new LUN is offline and cannot be seen by the client.

In this scenario, which two actions will solve the problem? (Choose two.)

- A. The LUN must be mapped to an initiator group.
- B. The new volume must be split from the parent volume before the LUN can be used.
- C. The LUN must be renamed to be different from the parent LUN.

D. The LUN needs to be brought online.

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 40

In which three scenarios is it possible to disable and remove the aggregate Snapshot copy? (Choose three.)

- A. You are protecting the aggregate using SyncMirror.
- B. You are protecting volumes using SnapMirror XDP.
- C. You are protecting volumes using SnapMirror DP.
- D. You are protecting the aggregate with RAID-DP.
- E. Your cluster is part of a MetroCluster configuration.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 41

A customer discovers fault lights on both HA interconnect links in a 2-node cluster. The customer is concerned about the cluster's ability to serve data.

Which statement is true in this scenario?

- A. You should reboot both nodes.
- B. ONTAP clustering does not depend on HA interconnect links and will continue to serve data.
- C. You should perform a takeover and serve the data in failover state.
- D. The HA interconnect links would automatically recover from this temporary state.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

Referring to the exhibit, which two components should be examined? (Choose two.)



Component	Count	Latency (ms)	IO (ops)	Latency (ms)	IO (ops)	Latency (ms)	IO (ops)	Latency (ms)	IO (ops)
total-		110.35ms	327.00us	327.00us	0ms				
rsivol0	111	167.82ms	603.00us	603.00us	0ms				
rol1	1234	117.76ms	191.00us	191.00us	0ms				
rol2	999	44.24ms	190.00us	190.00us	0ms	44.05ms	0ms	0ms	0ms
total-		38.89ms	256.00us	256.00us	0ms	38.63ms	0ms	0ms	0ms
rol2	999	64.47ms	266.00us	266.00us	0ms	64.20ms	0ms	0ms	0ms
rol1	1234	27.28ms	253.00us	253.00us	0ms	27.03ms	0ms	0ms	0ms
rsivol0	111	23.72ms	249.00us	249.00us	0ms	23.47ms	0ms	0ms	0ms
total-		409.81ms	169.00us	169.00us	0ms				
rol1	1234	816.92ms	120.00us	120.00us	0ms				
rol2	999	407.88ms	219.00us	219.00us	0ms				
rsivol0	111	3.68ms	193.00us	193.00us	0ms	3.49ms	0ms	0ms	0ms

- A. network interface card
- B. disk
- C. SAS adapter
- D. cluster switches

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 43

You have a 4-node cluster configured for FC. You create a new LUN on node 1, map the LUN to a host, and verify that the host is able to correctly access the LUN. However, after moving the LUN's volume to node 3, ALUA reports that all the paths are non-optimized. You have already verified that all zoning and physical cabling is correct.

What should you do to enable ALUA to see the optimized paths?

- A. Update the MPIO policy to round-robin.
- B. Update the reporting nodes for the LUN mapping.
- C. Update the igroup initiator WWPN.
- D. Update the MPIO policy to most recently used.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 44

You want to use the supported method to upgrade the ONTAP version of a Cloud Volumes ONTAP instance from ONTAP 9.5 to ONTAP 9.6.

In this scenario, which NetApp tool accomplishes this task?

- A. Cloud Manager
- B. Cloud Insights
- C. Active IQ Unified Manager
- D. ONTAP System Manager

Answer: D (LEAVE A REPLY)

Explanation/Reference: https://docs.netapp.com/us-en/occm/task_updating_ontap_cloud.html#suspending-snapmirror-transfers

NEW QUESTION: 45

After a storage administrator turned off IP fast path, all the NFS clients lost connectivity to the storage controller.

Which statement describes what happened in this scenario?

- A. No default gateway is configured.
- B. The ARP cache is flushed when IP fast path is disabled.
- C. All clients are in the local broadcast domain.
- D. The NFS clients are using NFS over UDP.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 46

D. OnCommand Workflow Automation

Answer: C (LEAVE A REPLY)

NEW QUESTION: 49

A customer is concerned because an external tool is reporting 100% CPU utilization on node "netapp-01". There are no reports of latency or throughput issues. You execute some commands and obtain the output shown in the exhibit.

Based on the output, you see no problems. In this scenario, what are two reasons that support your position? (Choose two.)

- A. the consistency points are type T
- B. the amount of read network throughput is below 200 MB/sec
- C. the low number of CIFS operations
- D. average CPU utilization is below 50%

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 50

What is the minimum number of compute nodes required to run the NetApp Deployment Engine for NetApp HCI?

- A. 2
- B. 1
- C. 3
- D. 4

Answer: A (LEAVE A REPLY)

Explanation/Reference: https://docs.netapp.com/us-en/hci/docs/task_hci_getstarted.html#:~:text=The%20minimum%20cluster%20for%20NetApp,to%20all%20NetApp%20HCI%20networks.

NEW QUESTION: 51

You are planning to move to a newer clustered Data ONTAP version.

Which two resources should you review prior to the move? (Choose two.)

- A. Software Setup Guide
- B. Upgrade Advisor
- C. System Administration Guide for Cluster Administrators
- D. IMT

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 52

Exhibit:

==== SYSCONFIG-A =====

NetApp Release 8.2.1 Cluster Mode: Fri Mar 21 14:48:58 PDT 2014
System ID: 654321 (filer12); partner ID: 234567 (filer11)
System Serial Number: 1111111111 (filer12)
System Storage Configuration: Multi-PaH HA
System ACP Connectivity: Full Connectivity
slot 0: System Board 2.0 GHz (System Board XX B3)
Model Name: FAS8020
Service Processor Status: Online
Firmware Version: 3.0

Before the event:

==== ENVIRONMENT =====

Channel: 0b
Shelf: 20
SES device path: local access: 1b.20.99
Module type: IOM6; monitoring is active
Shelf status: critical condition
SES Configuration, shelf 20:
logical identifier=0x500a09800355b174
vendor identification=NETAPP
product identification=DS2246
product revision level=0162
Shelf bays with disk devices installed:
23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0
with error: none
Power Supply installed element list: 1, 2; with error: none
Power Supply information by element:
[1] Serial number: XXT134600052 Part number: 114-00065+A2
Type: 9C
Firmware version: 020F Swaps: 0
Voltage Sensor installed element list: 1, 2, 3, 4; with error: none
Shelf voltages by element:
[1] 5.00 Volts Normal voltage range
[2] 12.04 Volts Normal voltage range
[3] 5.00 Volts Normal voltage range
[4] 12.04 Volts Normal voltage range
Current Sensor installed element list: 1, 2, 3, 4; with error: none
Shelf currents by element:
[1] 6440 mA Normal current range
[2] 0 mA Normal current range
[3] 7220 mA Normal current range
[4] 0 mA Normal current range
Cooling Unit installed element list: 1, 2, 3, 4; with error: 1, 2, 3, 4
Cooling Units by element:
[1] 8000 RPM
[2] 8000 RPM
[3] 8000 RPM
[4] 8020 RPM
Temperature Sensor installed element list: 1, 2, 3, 4, 5, 6, 7, 8; with error: none
Shelf temperatures by element:
[1] 18 C (64 F) (ambient) Normal temperature range
[2] 21 C (69 F) Normal temperature range
[3] 20 C (68 F) Normal temperature range
[4] 42 C (107 F) Normal temperature range
[5] 19 C (66 F) Normal temperature range
[6] 41 C (105 F) Normal temperature range
[7] 20 C (68 F) Normal temperature range
[8] 20 C (68 F) Normal temperature range
ES Electronics installed element list: 1, 2; with error: none
ES Electronics reporting element: 1
ES Electronics information by element:
[1] Serial number: 7900493514 Part number: 111-00190+B0
CPFD version: 23 Swaps: 0
[2] Serial number: 7900493781 Part number: 111-00190+B0
CPFD version: 23 Swaps: 0
ACP installed element list: 1, 2; with error: none
SAS Expander Module installed element list: 1, 2; with error: none
SAS Expander master module: 1

==== EMS-LOG-FILE.GS =====

[?] Fri Nov 28 15:18:39 CET [filer12: dsd_worker4: ses.status.fanError:critical]: DS2246 (S/N SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 1: critical status. This module is on the rear of the shelf on the lower left power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsd_worker4: callhome.shlf.fan:EMERGENCY]: Call home for SHELF COOLING UNIT FAILED

```

[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: ses.status.fanError:critical]: DS2246 (S/N
SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 2: critical
status. This module is on the rear of the shelf on the lower left power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: callhome.shlf.fan:EMERGENCY]: Call home for
SHELF COOLING UNIT FAILED
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: ses.status.fanError:critical]: DS2246 (S/N
SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 3: critical
status. This module is on the rear of the shelf on the lower right power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: callhome.shlf.fan:EMERGENCY]: Call home for
SHELF COOLING UNIT FAILED
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: ses.status.fanError:critical]: DS2246 (S/N
SHFHU1410000633) shelf 20 on channel 1b cooling fan error for Cooling element 4: critical
status. This module is on the rear of the shelf on the lower right power supply.
[?] Fri Nov 28 15:18:39 CET [filer12: dsa_worker4: callhome.shlf.fan:EMERGENCY]: Call home for
SHELF COOLING UNIT FAILED

```

After the event:

===== ENVIRONMENT =====

Environment for channel 0b
Number of shelves monitored: 2 enabled: yes
Environmental failure on shelves on this channel? yes

Channel: 0b

Shelf: 20

SES device path: local access: 1b.20.99

Module type: IOM6; monitoring is active

Shelf status: normal condition

SES Configuration, shelf 20:

logical identifier=0x500a09800355b174

vendor identification=NETAPP

product identification=DS2246

product revision level=0162

Shelf bays with error: 1, 2, 3, 4; with error: none

23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0

with error: none

Power Supply installed element list: 1, 2; with error: none

Power Supply information by element:

[1] Serial number: XXT134600052 Part number: 114-00065+A2

Type: 9C

Firmware version: 020F Swaps: 1

[2] Serial number: XXT134699988 Part number: 114-00065+A2

Type: 9C

Firmware version: 020F Swaps: 0

Voltage Sensor installed element list: 1, 2, 3, 4; with error: none

Shelf voltages by element:

[1] 5.00 Volts Normal voltage range

[2] 12.04 Volts Normal voltage range

[3] 5.00 Volts Normal voltage range

[4] 12.04 Volts Normal voltage range

Current Sensor installed element list: 1, 2, 3, 4; with error: none

Shelf currents by element:

[1] 6710 mA Normal current range

[2] 0 mA Normal current range

[3] 7220 mA Normal current range

[4] 0 mA Normal current range

Cooling Unit installed element list: 1, 2, 3, 4; with error: none

Cooling Units by element:

[1] 0 RPM

[2] 0 RPM

[3] 0 RPM

[4] 0 RPM

```

Temperature Sensor installed element list: 1, 2, 3, 4, 5, 6, 7, 8; with error: none
Shelf temperatures by element:
[1] 0 C (32 F) (ambient) Normal temperature range
[2] 0 C (32 F) Normal temperature range
[3] 0 C (32 F) Normal temperature range
[4] 0 C (32 F) Normal temperature range
[5] 0 C (32 F) Normal temperature range
[6] 0 C (32 F) Normal temperature range
[7] 0 C (32 F) Normal temperature range
[8] 0 C (32 F) Normal temperature range
ES Electronics installed element list: 1, 2; with error: none
ES Electronics reporting element: 1
SAS connector attached element list: 1, 2, 3, 4; with error: none
ACP installed element list: 1, 2; with error: none
ACP information by element:
[1] MAC address: 00:A0:98:70:FB:04
[2] MAC address: 00:A0:98:70:FB:05
SAS Expander Module installed element list: 1, 2; with error: none
SAS Expander master module: 2

```

Which two steps would you perform to correct the problem shown in the exhibit? (Choose two.)

- A. Reseat the power supplies.
- B. Replace the shelf chassis.
- C. Reseat the shelf modules.
- D. Perform a takeover and giveback.

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 53

A customer must store physical hard copies of transaction data off site to meet regulatory requirements. Which NetApp technology enables the customer to accomplish this task?

- A. SVM DR
- B. NDMP
- C. SnapVault
- D. FlexCache

Answer: C (LEAVE A REPLY)

NEW QUESTION: 54

Referring to the exhibit.

```

FILER01:
Sat Mar 12 11:28:12 CET [filer01:cf.rv.notConnected:error]: HA interconnect: Connection for
'cfo_rv' failed.
Sat Mar 12 11:28:12 CET [filer01:rv.connection.torndown:info]: HA interconnect: cfo_rv1 is torn
down on NIC 1.
Sat Mar 12 11:28:12 CET [filer01:cf.rv.notConnected:error]: HA interconnect: Connection for
'cfo_rv1' failed.
Sat Mar 12 11:28:12 CET [filer01:rv.connection.torndown:info]: HA interconnect: cfo_rv2 is torn
down on NIC 1.
Sat Mar 12 11:28:12 CET [filer01:cf.rv.notConnected:error]: HA interconnect: Connection for
'cfo_rv2' failed.
Sat Mar 12 11:28:19 CET [filer01:bridge.removed:info]: FC-to-SAS bridge site3_3:13.126L0 [ATTO
FibreBridge6500N 1.61] S/N [FB6500N106245] was removed.
Sat Mar 12 11:28:19 CET [filer01:bridge.removed:info]: FC-to-SAS bridge site3_3:5.126L0 [ATTO
FibreBridge6500N 1.61] S/N [FB6500N11508] was removed.

FILER02:
Sat Mar 12 11:28:12 CET [filer02:cf.rv.notConnected:error]: HA interconnect: Connection for
'cfo_rv' failed.
Sat Mar 12 11:28:14 CET [filer02:rv.connection.torndown:info]: HA interconnect: cfo_rv2 is torn
down on NIC 1.
Sat Mar 12 11:28:14 CET [filer02:rv.connection.torndown:info]: HA interconnect: cfo_rv1 is torn
down on NIC 1.
Sat Mar 12 11:28:14 CET [filer02:cf.rv.notConnected:error]: HA interconnect: Connection for
'cfo_rv2' failed.
Sat Mar 12 11:28:14 CET [filer02:cf.rv.notConnected:error]: HA interconnect: Connection for
'cfo_rv1' failed.
Sat Mar 12 11:28:17 CET [filer02:bridge.removed:info]: FC-to-SAS bridge site1_2:13.126L0 [ATTO
FibreBridge6500N 1.61] S/N [FB6500N105789] was removed.
Sat Mar 12 11:28:17 CET [filer02:bridge.removed:info]: FC-to-SAS bridge site1_2:5.126L0 [ATTO
FibreBridge6500N 1.61] S/N [FB6500N105093] was removed.

```

Your customer's MetroCluster controllers have generated AutoSupport notifications with a "DISK

REDUNDANCY FAILED" message.

Referring to the exhibit, which component is causing the problem?

- A. the ATTO bridges on site3
- B. the inter-switch link (ISL) between site1 and site3
- C. the SAN switch site3_3
- D. the SAN switch site1_2

Answer: B (LEAVE A REPLY)

NEW QUESTION: 55

When you replace a motherboard, which step will completely test the newly installed component?

- A. From the LOADER prompt, type boot_diags, then execute sldiag.
- B. From the LOADER prompt, execute sldiag.
- C. From ONTAP, execute sldiag.
- D. From the LOADER prompt, type boot_ontap maint, then execute sldiag.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 56

Which two statements describe ONTAP NVRAM? (Choose two.)

- A. ONTAP NVRAM is battery backed.
- B. ONTAP NVRAM stores uncommitted writes.
- C. ONTAP NVRAM is used as read cache.
- D. ONTAP NVRAM is used as write cache.

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 57

A customer must store physical hard copies of transaction data off site to meet regulatory requirements.

Which NetApp technology enables the customer to accomplish this task?

- A. SnapVault
- B. NDMP
- C. SVM DR
- D. FlexCache

Answer: A (LEAVE A REPLY)

Explanation/Reference: <https://library.netapp.com/ecmdocs/ECMP1635994/html/GUID-74F9AB84-BF01-4F0F-9197-7C4D8C3F8002.html>

NEW QUESTION: 58

Referring to the exhibit.

```

restcluster::*> statistics show-periodic
cluster:summary: cluster.cluster: 6/7/2015 18:27:39
cpu cpu total fcache total total data data cluster
avg busy ops nfs-ops cifs-ops ops recv sent busy recv sent busy
-----
10% 45% 17687 17687 0 0 170MB 153MB 59% 68.7MB 47.3MB 4%
15% 40% 18905 18905 0 0 199MB 184MB 84% 103MB 74.9MB 6%
12% 51% 17705 17705 0 0 172MB 182MB 58% 68.9MB 47.2MB 4%

cluster:summary: cluster.cluster: 6/7/2013 18:27:47
cpu cpu total fcache total total data data cluster
avg busy ops nfs-ops cifs-ops ops recv sent busy recv sent busy
-----
Minimums:
10% 40% 17687 17687 0 0 170MB 132MB 58% 68.7MB 47.2MB 4%

Averages for 3 samples:
13% 45% 18099 18099 0 0 180MB 150MB 67% 80.3MB 56.5MB 4%

Maximums:
12% 51% 18905 18905 0 0 199MB 184MB 84% 103MB 74.9MB 6%

```

A database administrator explains that the backup job scheduled to complete by 7:00 AM is not completing as fast as expected. You log in to the FAS3240 system and execute a few commands and obtain the output shown in the exhibit.

Which system resource would you eliminate as a problem based on the command output?

- A. network
- B. memory
- C. disk
- D. CPU

Answer: B (LEAVE A REPLY)

NEW QUESTION: 59

You are on site to replace an I/O expansion module (IOXM) in a FAS6280 system. After replacement of the IOXM, you verify if the disks in the system are visible. You find that none of the cards in slots 7-13 are reporting.

In this scenario, which step did you forget when replacing the IOXM?

- A. Boot into diagnostics to verify the IOXM.
- B. Reassign all cards in the IOXM to the controller.
- C. Reseat the IOXM after initial replacement.
- D. Shut down the power of the chassis.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 60

You perform a security trace when troubleshooting a data access problem for a user. The results are shown in the exhibit.

```

cluster1::> vserver security trace trace-result show -vserver svml
Vserver: svml
Node          Index  Filter Details          Reason
-----
cluster1-01  1      Security Style: NTFS and  Access is denied. The
              NT ACL                    requested permissions are not
                                   granted by the ACE while
                                   opening existing file or
                                   directory. Access is not
                                   granted for: "Read Attributes"
                                   Protocol: cifs
                                   Volume: -
                                   Share: dept
                                   Path: /list.xlsx
                                   Win-User: LAB\domusr1
                                   UNIX-User: pcuser
                                   Session-ID: 14249952170953675090

```

What should you do to solve this issue?

- A. Grant the user Read Attributes access to the path.
- B. Add the user to the BUILTIN\power Usersgroup.
- C. Add the user to the BUILTIN\Usersgroup.
- D. Grant the user Execute access to the path.

Answer: A (LEAVE A REPLY)

Explanation/Reference: https://www.reddit.com/r/netapp/comments/dm90iv/change_ownership_failing/

NEW QUESTION: 61

Exhibit:

Question	Exhibit
	<pre> autosupport.content_complete autosupport.doit MANAGEMENT_LOG autosupport.enable on autosupport.from postmaster@customer.local autosupport.local_collection on autosupport.mailhost mailrelay autosupport.max_http_size 10485760 autosupport.max_smtp_size 5242880 autosupport.minimal_subject_id systemid autosupport.nht_data.enable on autosupport.netata autosupport.ondemand-polling_interval 60 autosupport.ondemand.remotediag.state on autosupport.ondemand.server_url https://support.netapp.com/aods/asupmessage autosupport.ondemand.state on autosupport.partner.to autosupport@partner.com autosupport.payload_format 7z autosupport.performance_data.doit ONTAP autosupport.performance_data.enable on autosupport.periodic.tx_window 1h autosupport.retry.count 15 autosupport.retry.interval 4m autosupport.support.enable off autosupport.support.proxy autosupport.support.put_url support.netapp.com/put/AsupPut autosupport.support.reminder on autosupport.support.to autosupport@netapp.com autosupport.support.transport https autosupport.support.url support.netapp.com/asupprod/post/1.0/postAsup autosupport.throttle on autosupport.to admin@customer.com autosupport.validate_digital_certificate on </pre>

Your customer has recently migrated from their FAS3140 system running Data ONTAP 7.3.7 to a FAS2552 system running Data ONTAP 8.2.3 7-Mode through the head upgrade process. They are no longer receiving the weekly AutoSupport notifications and want to know why. The exhibit shows the AutoSupport options from the nodes that have the same settings.

In this scenario, which solution is correct?

- A. In Data ONTAP 8.2, weekly AutoSupport notifications are no longer sent to all recipients to reduce the mail load. The customer should add their e-mail address to the autosupport. partner. to option.
- B. In Data ONTAP 8.2, the protocol for AutoSupport is changed to HTTPS by default, so the customer must have an HTTPS destination for the AutoSupport data.
- C. In Data ONTAP 8.2, weekly AutoSupport notifications are no longer sent to the autosupport.to recipient, but only to autosupport.partner.to and to autosupport.support.to. The customer needs to add their e-mail address to one of these options.
- D. There is no reason on the FAS2552 side why the customer should not receive the AutoSupport notifications. They should investigate their mail server to troubleshoot this issue.

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 62

Which NetApp HCI component communicates with activeiq.solidfire.com and the Cloud Data Services portal?

- A. the NetApp Element software Management Interface
- B. the management node (mNode)
- C. the NetApp Element software vSphere plug-in
- D. the NetApp Trident software

Answer: B (LEAVE A REPLY)

NEW QUESTION: 63

```
cluster1::> vserver services name-service ns-switch show -vserver svml
```

Vserver	Database	Source Order
svml	hosts	files, dns
svml	group	files, ldap
svml	passwd	files, ldap
svml	netgroup	files
svml	namemap	files

5 entries were displayed.

Referring to the exhibit, the UNIX user "prof1" will be looked up in which source first?

- A. nis
- B. ldap
- C. files
- D. dns

Answer: D (LEAVE A REPLY)

NEW QUESTION: 64

Click the Exhibit button. Your customer explains that his disks are showing 100% utilization, but he does not see very much user I/O. While investigating, you collect statistics using the statit command over a 10-second time period as shown in the exhibit.

In this scenario, what is the problem?

- A. The end users are doing a lot of reads on the SATA disks using VAAI, which does not show up as user I/O.
- B. Disk 0a.16 is being used to reconstruct data from a failed disk in the aggregate.
- C. Disk 0a.16 is faulty, indicated by the high latency for ureads, and should be replaced.
- D. The network has too many multicast packets, which means the data is not being sent out over the

network correctly.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 65

You are working on a fabric MetroCluster. After a site failure, the plex starts to resync automatically to the aggregate mirror of Aggr1. The plex now shows a status of resyncing. During this process, you experience a slow resync of the SyncMirror plex.

In this scenario, how do you solve the problem?

- A. Destroy and re-create plex, then run a baseline sync.
- B. Add more disks to the aggregate to add more I/O capacity.
- C. Tune the resync speed using the storage raid-options command.
- D. Tune the resync speed by adding a QoS policy and limit the concurrent I/O to the aggregate.

Answer: (SHOW ANSWER)

NEW QUESTION: 66

You are upgrading your FAS cluster to an AFF cluster. All the volumes have finished migrating to the AFF nodes. ALUA is working on all attached SAN clients. You now want to move the SAN LIFs to the AFF nodes without any SAN client disruption.

Working one LIF at a time, which three steps are required to perform this process? (Choose three.)

- A. Modify the SAN LIF to be home on the AFF.
- B. Take the SAN LIF down.
- C. Add the SAN LIF to the portset.
- D. Migrate the SAN LIF to the AFF.
- E. Bring the SAN LIF up.

Answer: A,B,E (LEAVE A REPLY)

NEW QUESTION: 67

A customer recently had a controller module failure on a FAS62xx system running clustered Data ONTAP 8.3.1.

The controller module had been replaced last night and everything is working well but the customer noticed warnings concerning licensing on the console. The warnings say there is a grace period of 89 days remaining.

In this scenario, what should be done to solve this problem?

- A. Collect the new license keys from the new controller module packaging and install them using the appropriate commands.
- B. Execute a system restore to recover the previous license keys, and then apply to the new controller module.
- C. Apply the previously used license keys using the appropriate commands.
- D. Obtain new 8.2x format license keys and install them using the appropriate commands.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 68

Referring to the exhibit.

```
cluster::> volume show -vserver NewSVM -volume * -fields policy,juncti
vserver volume policy junction-path
-----
NewSVM root new_policy /
NewSVM vol_nfs policy1 /vol_nfs
2 entries were displayed.

cluster::> export-policy rule show -vserver NewSVM -policyname *
Policy Rule Access Client RO
Vserver Name Index Protocol Match Rule
-----
NewSVM default 1 nfs 0.0.0.0/0 any
NewSVM new_policy 1 nfs 1.2.3.4 sys
NewSVM policy1 1 nfs 192.168.10.10 sys
3 entries were displayed.
```

The customer configured an SVM called "NewSVM" for NFS, configured the volume, "vol_nfs", mounted at "/vol_nfs", and set up NFSv3 as shown in the exhibit.

However, if they try to mount from the client with IP address 192.168.10.10, they receive a "permission denied" error. In this scenario, which action will solve the error condition?

- A. Stop and start NewSVM.
- B. Associate a correct export policy to the root volume(/) of NewSVM.
- C. Add a rule to the default export policy to Include the -clientmatch 192.168.10.0/24 parameter.
- D. Configure the default route for NewSVM correctly.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 69

What are two reasons to use VLANs in a NetApp storage solution? (Choose two.)

- A. to isolate iSCSI traffic from NAS traffic
- B. to isolate FC traffic from other IP traffic
- C. to isolate UDP traffic from TCP traffic
- D. to isolate management traffic from other IP traffic

Answer: A,C (LEAVE A REPLY)

NEW QUESTION: 70

Click the Exhibit button at the right.

A customer reports that a node panicked due to a multidisk failure.

While in take over, the customer reviewed the output of the sysconfig -a command and noticed a

```

*slot 1: SAS Host Adapter 1a (PMC-Sierra PM8072 rev. C, SAS, <UP>)
MFG Part Number: NetApp, Inc. 110-00401 rev. B0
Part number: 111-02026+B0
Serial number: 031653000524
Date Code: 20161227
Firmware rev: 03.08.09.00
Base WWN: 5:00a098:0079c13:50
Phy State: [12] Enabled, 6.0 Gb/s
           [13] Enabled, 6.0 Gb/s
           [14] Enabled, 6.0 Gb/s
           [15] Enabled, 6.0 Gb/s
QSFQ Vendor: Molex Inc.
QSFQ Part Number: 112-00179+A0
QSFQ Type: Passive Copper 0.2m ID:01
QSFQ Serial Number: 33412023

...

00.20: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0NP03]
00.21: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0P820]
00.22: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0P82A]
00.23: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0P82K]
Shelf 0: D52246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191

slot 2: SAS Host Adapter 2d (PMC-Sierra PM8072 rev. C, SAS, <UP>)
MFG Part Number: NetApp, Inc. 110-00401 rev. B0
Part number: 111-02026+00
Serial number: 031653000547
Date Code: 20161227
Firmware rev: 03.08.09.00
Base WWN: 5:00a098:0079c1a:7c
Phy State: [4] Enabled, 6.0 Gb/s
           [5] Enabled, 6.0 Gb/s
           [6] Enabled, 6.0 Gb/s
           [7] Enabled, 6.0 Gb/s
QSFQ Vendor: Molex Inc.
QSFQ Part Number: 112-00177+A0
QSFQ Type: Passive Copper 2m ID:00
QSFQ Serial Number: 302521530

00.20: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0H75Z]
00.21: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0Q8PY]
00.22: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0Q76F]
00.23: NETAPP X422_SLTNG600A10 NA02 560.0GB 520B/sect [SOM0Q6T0]

...

Shelf 2: D52246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
Shelf 3: D52246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
Shelf 4: D52246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
Shelf 5: D52246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191
Shelf 6: D52246 Firmware rev. IOM6 A: 0191 IOM6 B: 0191

```

» exhibit.

The customer proceeded to examine the power supplies in the stack of shelves; all were functional. Which step would you take to solve this problem?

- A. Reseat all the disks in shelf 1.
- B. Replace the SAS cable from adapter 2d to shelf 1.
- C. Replace the motherboard in the broken node.
- D. Replace the shelf chassis of shelf 1.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 71

A user can read and write some files on an NFS volume, but the user is unable to read all of the files in the volume.

In this scenario, which command will help you troubleshoot this problem?

- A. security login create
- B. security audit show
- C. vservers security trace filter create
- D. vservers export-policy check-access

Answer: C (LEAVE A REPLY)

Explanation/Reference:

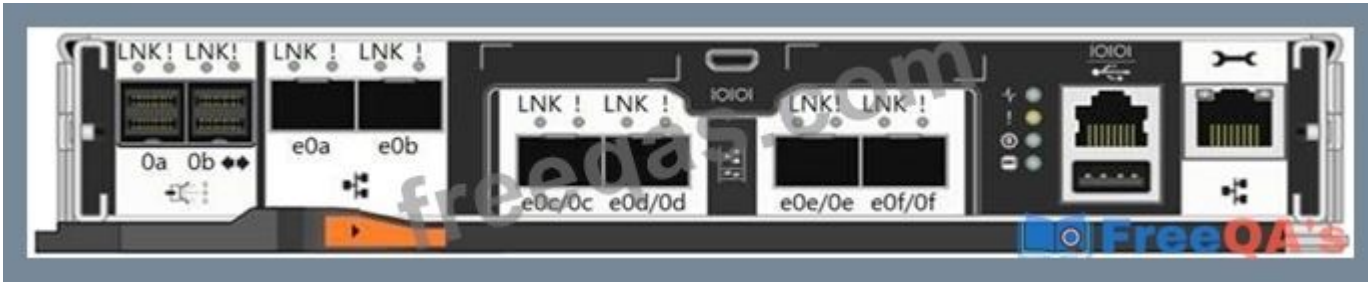
NEW QUESTION: 72

Which statement is true about a switchless cluster?

- A. A switchless cluster can only be used for a system with two controllers in one chassis configuration.
- B. A switchless cluster can support up to one node per cluster port.
- C. In a switchless cluster, the network options switchless-cluster -enabled parameter must be set to true.
- D. Converting a switchless cluster to a switched cluster is disruptive.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 73



In the AFF A200 shown in the exhibit, which port is a CNA port?

- A. |0|0|
- B. e0c/0c
- C. e0a
- D. 0a

Answer: B (LEAVE A REPLY)

Explanation/Reference: <https://docs.netapp.com/platstor/topic/com.netapp.doc.hw-2700-install-setup/GUID-FE4BD3C8-3DB4-438A-A5CE-FEEF74AE8BAF.html>

NEW QUESTION: 74

```
Source Path Destination Path Relationship ID Relationship Type
msgld: msragld: 78e304e0-9781-1234-abcd-00a098d771bd XDP
msxpgld: msrxpgld: 3ca42ab4-9782-1234-abcd-00a098d771bd XDP
na_docavglid: ndrdocavglid: a4b233b2-9783-1234-abcd-00a098d771bd XDP
na_dr: ndradr: c97d36a0-6d7c-11e8-83fb-00a098d771bd XDP
na_gld: ndragsld: 9e7e034d-9782-1234-abcd-00a098d771bd XDP
na_mpgld: ndrampglid: 16e52e0d-9783-1234-abcd-00a098d771bd XDP
na_opengld: ndrropengld: dabb1813-9780-1234-abcd-00a098d771bd XDP
na_poc: ndrarpoc: c1d632d7-977b-1234-abcd-00a098d771bd XDP
na_pubgld: ndrarpubgld: 1a3f866c-9780-1234-abcd-00a098d771bd XDP
```

Referring to the output, which type of SnapMirror destination relationship is being used?

- A. Storage Virtual Machine DR
- B. Single Volume SnapMirror Synchronous
- C. SnapVault
- D. Single Volume SnapMirror Asynchronous

Answer: C (LEAVE A REPLY)

NEW QUESTION: 75

A Linux client is experiencing low throughput when reading a very large file using NFS. Network counters suggest there is packet drop in the network.

To confirm whether dropped packets affect the Linux client, you are collecting network traces from the affected systems.

In this scenario, which two actions would be used? (Choose two.)

- A. Use the pktt command on the NetApp controller.
- B. Use the tcpdump command on the Linux system.
- C. Use the tcptrace command on a Windows client in a separate subnet.
- D. Use the traceroute command on the network switch.

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 76

A customer has a cluster running ONTAP where AutoSupport notifications have worked in the past but have recently stopped working. In this scenario, what are two steps to begin troubleshooting the problem?

(Choose two.)

- A. Review the SMTP server status.
- B. Use support entitlement on the NetApp Support site.
- C. Review the AutoSupport history on the controller pair.
- D. Review AutoSupport settings on the controller pair.

Answer: (SHOW ANSWER)

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NEW QUESTION: 77

When you replace a motherboard, which step will completely test the newly installed component?

- A. From ONTAP, execute sldiag.
- B. From the LOADER prompt, type boot_ontap maint, then execute sldiag.
- C. From the LOADER prompt, type boot_diags, then execute sldiag.
- D. From the LOADER prompt, execute sldiag.

Answer: B (LEAVE A REPLY)

Explanation/Reference: https://library.netapp.com/ecm/ecm_download_file/ECMP1199896 (36)

NEW QUESTION: 78

A large amount of data was deleted from a volume. After a few hours, the space was still not available to

NFS clients accessing the volume.

What are two reasons that would account for this problem? (Choose two.)

- A. There is a thick-provisioned LUN in the volume.
- B. The client needs to re-scan the volume to detect the changes.
- C. The deleted data was all deduplicated data.
- D. The volume contains Snapshot copies that were taken before the data was deleted.

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 79

A customer receives the message shown below in their EMS logs.

Tue Jun 27 18:34:18 CEST

[netapp-ct1: cp_worker: wafl.cp.toolong:error]: Aggregate AG1_NTAP_PROD experienced a long CP.

Tue Jun 27 18:37:10 CEST

Which two data sources do you use to explain this message? (Choose two.)

- A. ONTAP System Manager
- B. Performance Archive
- C. Active IQ Unified Manager
- D. mgwd.log

Answer: (SHOW ANSWER)

Explanation/Reference:

https://kb.netapp.com/Advice_and_Troubleshooting/Data_Storage_Software/ONTAP_OS/First_steps_troubleshooting_wafl_exempt10%3A_wafl.cp.toolong%3Aerror

NEW QUESTION: 80

In ONTAP 9.6, activity on the command line is found in which log?

- A. messages.log
- B. mgwd.log
- C. command-history.log
- D. audit.log

Answer: D (LEAVE A REPLY)

NEW QUESTION: 81

In ONTAP 9.5, the event log show command queries and displays entries from which file?

- A. mgwd.log
- B. ems.log
- C. bcomd.log
- D. messages.log

Answer: B (LEAVE A REPLY)

NEW QUESTION: 82

You want to map an iSCSI LUN from a NetApp controller.

Which two components are required to accomplish this task? (Choose two.)

- A. FCP zoning

- B. iSCSI initiator
- C. igroup
- D. initiator WWPN

Answer: ([SHOW ANSWER](#))

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