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Vendor:SNIA

Exam Code:S10-210

Exam Name:Storage Networking Management and
Administration

Version:Demo

QUESTION 1

Which process allows for the reduction of disk space consumption on a shared storage of OS images used by 200 users?

- A. Thin provisioning
- B. Deduplication
- C. Synchronous replication
- D. Defragmentation

Correct Answer: B

QUESTION 2

Click the Exhibit button.

```
Session => Login to establish
Application => SCSI
Protocol Mapping =>
Transport => TCP
Network => IP
Data Link => Ethernet
Physical = Ethernet Phy)
```

What is the protocol stack shown in the exhibit?

- A. FCoE
- B. SCSI
- C. InfiniBand
- D. Fibre Channel

Correct Answer: B

QUESTION 3

You need to add an iSCSI host and storage array to your environment. Your manager wants at least two options that allow all iSCSI initiators to query a central management server to locate the address of all iSCSI resources (e.g., iSCSI initiators, targets, switches, and management stations).

Which two protocol methods would be used? (Choose two.)

- A. Directory Name Service protocol (DNS)

- B. Simple Network Management Protocol (SNMP)
- C. Internet Storage Name Server protocol (iSNS)
- D. Service Location Protocol (SLP)

Correct Answer: CD

QUESTION 4

You have been hired as a consultant to help resolve boot-from-SAN server reboots. The company has hosts, storage devices, and tape drives in the same zones. A large number of RSCNs are generated during the backup window.

What is the cause of the problem?

- A. Tape drives are more sensitive to RSCNs than hosts or disk storage devices.
- B. Storage devices and tape drives are configured within the same zone.
- C. Storage devices are more sensitive to RSCNs than hosts or tape storage devices.
- D. Most SAN switches do not support having both disk and tape frames flowing over the same switch ports at the same time.

Correct Answer: B

QUESTION 5

Only one of many servers has poor performance within an enterprise SAN. The server administrator has found high disk timeout values without a decrease in throughput. The server has multiple paths to the storage system but only one path is active at this time. What should the storage administrator monitor to assist with troubleshooting?

- A. Number of errors on the active storage port
- B. IOPS on the active storage port
- C. MBps on the active storage port
- D. Buffer-to-buffer utilization by the active storage port

Correct Answer: A

QUESTION 6

Click the Exhibit button.

```

stat_wtx          2493559995  4-byte words transmitted
stat_wrx          11910199  4-byte words received
stat_ftx          75073403  Frames transmitted
stat_frx          9008398   Frames received
stat_c2_frx       0         Class 2 frames received
stat_c3_frx       9008117   Class 3 frames received
stat_lc_rx        164        Link control frames received
stat_mc_rx        0         Multicast frames received
stat_mc_to        0         Multicast timeouts
stat_mc_tx        0         Multicast frames transmitted
er_enc_in         0         Encoding errors inside of frames
er_crc            0         Frames with CRC errors
-----
er_trunc          0         Frames shorter than minimum
er_toolong        0         Frames longer than maximum
er_bad_eof        0         Frames with bad end-of-frame
er_enc_out        3073      Encoding error outside of frames
er_bad_os         14811     Invalid ordered set
er_rx_c3_timeout  0         Class 3 receive frames discarded due to
timeout
er_tx_c3_timeout  0         Class 3 transmit frames discarded due to
timeout
er_c3_dest_unreach 0         Class 3 frames discarded due to destination
unreachable
er_other_discard  644        Other discards
=)

```

Referring to the exhibit, which three switch indicators will help you to determine the stability of a link? (Choose three.)

- A. er_crc
- B. er_toolong
- C. er_enc_in
- D. er_bad_eof
- E. er_trunk

Correct Answer: ACD

QUESTION 7

You have a new storage array with the following drive types:

1.
SAS (6 Gbps)
2.
SSD
3.
SATA (6 Gbps)

4.

FC(4Gbps)

You need to decide which drive type to use based on speed, cost, and drive availability for your Tier 1 storage.

Which type of drive would you choose?

- A. SSD
- B. SAS
- C. SATA
- D. FC

Correct Answer: B

QUESTION 8

You are asked to set up a server to boot from a SAN. Which setting on the HBA needs to be configured?

- A. Change the queue depth value.
- B. Set Enable BIOS.
- C. Enable Persistent Bindings.
- D. Set Enable Target Rescan.

Correct Answer: B

QUESTION 9

You have two new FC switches from the same vendor and want to connect them together. You have ensured that the domain IDs are unique, switch names are unique, and the firmware levels are identical. When you connect the ISL cables from one switch to the other, the fabric does not merge.

What should be confirmed?

- A. Ensure the ISL ports are E_Ports.
- B. Ensure the ISL ports are B_Ports.
- C. Ensure the ISL ports are F_Ports.
- D. Ensure the ISL ports are N_Ports.

Correct Answer: A

QUESTION 10

What is the storage protocol used between initiators and targets connected to an FCoE fabric?

- A. SATA
- B. SCSI
- C. SAS
- D. FCoE

Correct Answer: B

QUESTION 11

Only one of many servers is suffering poor performance with a nearline (Tier 2) storage system. The server administrator has not discovered any obvious root cause. The server has multiple paths to the storage system but only one path is active. Routine monitoring by the storage administrator has determined that a single storage port has received a high number of bad frames.

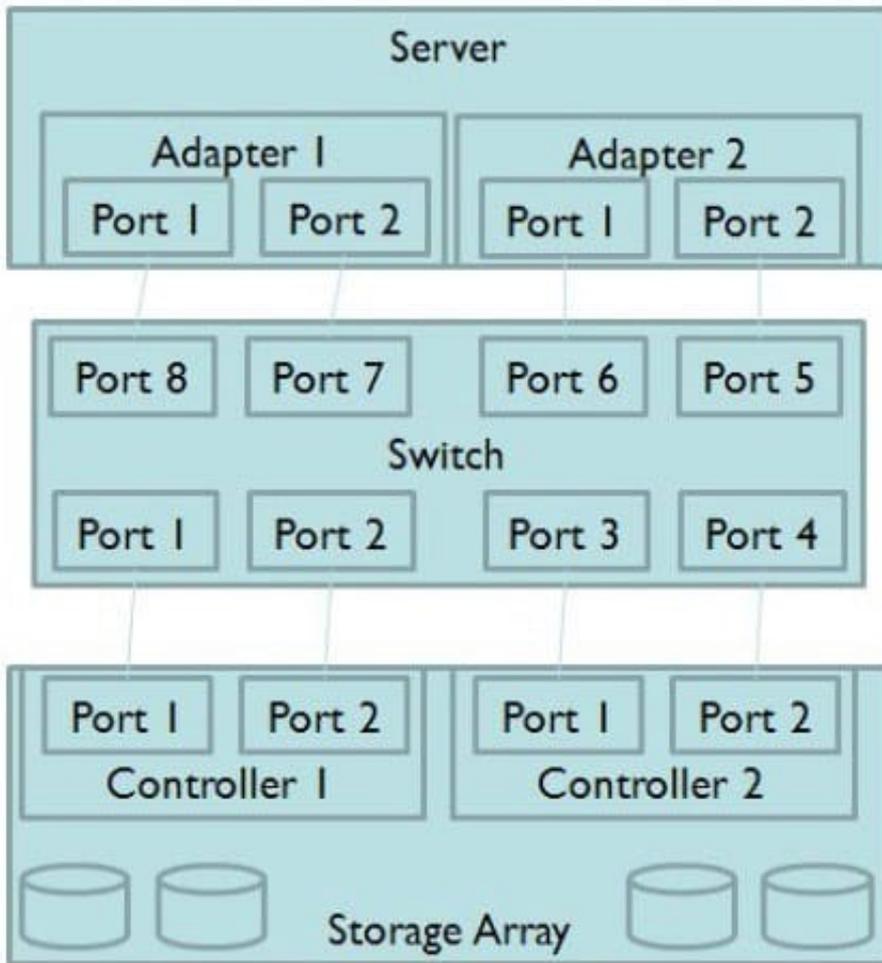
What should the SAN administrator do?

- A. Determine the source of duplicate frames.
- B. Verify that the host ports are correctly zoned.
- C. Find the source of frames with CRC errors.
- D. Collect new performance data and compare to the baseline.

Correct Answer: C

QUESTION 12

Click the Exhibit button.



Referring to the exhibit, what are the two largest risks to a highly available solution? (Choose two.)

- A. Only two adapters per controller
- B. Only two adapters on the server
- C. Only one server
- D. Only one switch

Correct Answer: CD