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NCIE-DataFort Security Exam

Version 3.1

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QUESTION NO: 1

If a DataFort 2.x or later appliance fails, which three information sources can be used with the DataFort Wizard to recreate the configuration information on a replacement? (Choose three.)

- A. *.xdf file from LKM software/appliance
- B. mysqldump of DataFort configDB
- C. *.xdf file from manual backup
- D. *.lkm file from LKM software/appliance
- E. surviving cluster member

Answer: A, C, E

QUESTION NO: 2

In 2.x firmware, how many virtual storage devices (targets) and virtual client hosts (initiators) can be attached to a single FC525 model DataFort?

- A. 1 virtual storage device and 8 virtual client hosts
- B. 7 virtual storage device and 7 virtual client hosts
- C. 8 virtual storage device and 8 virtual client hosts
- D. 8 virtual storage device and 32 virtual client hosts
- E. 16 virtual storage device and 128 virtual client hosts

Answer: B

QUESTION NO: 3

Which two can authorize Key Translation? (Choose two.)

- A. the source DataFort administrator
- B. the destination DataFort administrator
- C. the LKM administrator
- D. a quorum of Recovery Cards and passwords
- E. a Recovery Key Archive file

Answer: D, E

QUESTION NO: 4

Which procedure is used to move keys between LKM servers or appliances that do not share network connectivity?

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- A. clustering
- B. key export and import
- C. Key Translation
- D. tape metadata

Answer: B

QUESTION NO: 5

Which is a correct System Card replacement procedure for SAN 2.x?

- A. zeroize DataFort and restore with an initialized System Card and a recent configdb using a quorum of Recovery Cards
- B. zeroize DataFort and join an existing cluster with an uninitialized System Card and a quorum of Recovery Cards
- C. insert an uninitialized System Card into the DataFort and perform a System Card replacement using a quorum of Recovery Cards
- D. insert an initialized System Card from an existing cluster member and perform a System Card replacement using a quorum of Recovery Cards

Answer: B

QUESTION NO: 6

Which two statements are true about signed DataFort log messages? (Choose two.)

- A. They contain a verifiable digital signature.
- B. They can only be authenticated on the DataFort that generated the log message.
- C. They may not be sent to a syslog server.
- D. They may not be sent to a Windows event log.

Answer: A, B

QUESTION NO: 7

If you have an 8-node cluster, how many members must be online in the cluster in order to create Cryptainer vaults?

- A. 1
- B. 4
- C. 5
- D. 8

Answer: C

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QUESTION NO: 8

Which two statements are true if a System Card is removed in a functional, fully initialized DataFort? (Choose two.)

- A. Encryption services are disabled after a reboot.
- B. Encryption services halt within five minutes of card removal.
- C. Recovery Card replacement does not work.
- D. DataFort sends SNMP trap and initiates shutdown to protect access to encrypted data.

Answer: A, C

QUESTION NO: 9

In SAN 2.x, how many targets can be virtualized on an FC520?

- A. 1
- B. 7
- C. 8
- D. 31

Answer: B

QUESTION NO: 10

When are Recovery Cards required in the trustee key-sharing process?

- A. during the establishment of only the trustee relationship
- B. during the establishment of the trustee relationship and the key export
- C. during the establishment of the trustee relationship, key export, and key import
- D. Recovery Cards are not required in the trustee key-sharing process.

Answer: A

QUESTION NO: 11

Which two key policies allow for all keys to be pre-generated and replicated to the DR site? (Choose two.)

- A. key per tape
- B. key per pool
- C. Global Pool with single key
- D. periodic disk rekey

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Answer: B, C

QUESTION NO: 12

Which two statements about disk and tape I/O are true? (Choose two.)

- A. Disk and tape I/O can be combined through the same standalone DataFort.
- B. Disk and tape I/O can be combined through the same cluster but not through the same DataFort.
- C. Disk and tape I/O cannot be combined through the same standalone DataFort.
- D. Disk and tape I/O cannot be combined through the same cluster.

Answer: C, D

QUESTION NO: 13

Which three factors should be considered when assessing the performance impact a DataFort will have on an existing environment? (Choose three.)

- A. the number of devices connected to a specific DataFort
- B. the type of Cryptainer vault created (LUN Mapped versus Port Mapped)
- C. the combined speed of all devices connected to the DataFort
- D. the device type, tape or disk, being connected to the DataFort

Answer: A, C, D

QUESTION NO: 14

California SB1386 requires businesses and government agencies to _____.

- A. encrypt personal information on onsite backup tapes when reasonable alternative methods are not in place
- B. encrypt all personal information on offsite backup tapes when reasonable alternative methods are not in place
- C. encrypt all personal information on both disk and backup tapes, onsite or offsite, when reasonable alternative methods are not in place
- D. notify individuals if their unencrypted personal information is believed to have been disclosed to an unauthorized person
- E. notify the California District Attorney Office if unencrypted personal information is believed to have been disclosed to an unauthorized person

Answer: D

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QUESTION NO: 15

During installation of the LKM server software, which configuration options can be specified?

- A. database type and schema
- B. target directory and license
- C. server port number and "using SSL"
- D. LKM server IP and hostname

Answer: B

QUESTION NO: 16

How many additional FC-switch ports are required for an inline direct-attached FC-5XX DataFort?

- A. 0
- B. 1
- C. 2
- D. 4
- E. 10

Answer: A

QUESTION NO: 17

What is the purpose of the Key Policy setting for tapes?

- A. It determines whether or not each tape has a unique key.
- B. It determines whether or not tape encryption keys can be shared by DataFort appliances.
- C. It determines whether or not tape encryption keys are written to tape.
- D. It determines how frequently tape keys are backed up.

Answer: A

QUESTION NO: 18

Which property must be set to prevent overlapped SCSI commands?

- A. dfc.serialize_storage_cmds
- B. dfc.disable_overlapped_cmds
- C. dfc.disable_host_LIP
- D. dfc.isp.enableTaskMgmtPassUp

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Answer: A

QUESTION NO: 19

What are three valid forced media type and duplex mode settings on the DataFort? (Choose three.)

- A. 1000baseTX, full-duplex
- B. 1000baseTX, half-duplex
- C. 100baseTX, full-duplex
- D. 100baseTX, half-duplex
- E. 10baseTX, half-duplex

Answer: A, C, D

QUESTION NO: 20

What can the E-Series DataFort net util tcpdump command capture?

- A. network packets going between two arbitrary machines
- B. only network packets going between DataFort client-side NIC and arbitrary machines
- C. only network packets going between DataFort server-side NIC and arbitrary machines
- D. only network packets going between DataFort client-side NIC and server-side NIC
- E. network packets going between DataFort client-side/server-side NIC and arbitrary machines

Answer: E

QUESTION NO: 21

Which three switches support FL ports? (Choose three.)

- A. Cisco 9513
- B. Brocade 48000
- C. McData 4700
- D. McData 6140

Answer: A, B, C

QUESTION NO: 22

The primary and disaster recovery sites are connected through IP across a WAN connection. Which two key replication methods are supported between DataFort appliances at these sites? (Choose two.)

- A. Cryptainer Key File