

## H13-611 Dumps

### HCNA-Storage-BSSN(Building the Structure of Storage Network)

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**NEW QUESTION 1**

Which of the following methods provides the best RTO?

- A. Disk-To-Tape
- B. Disk-To-Disk-To-Tape
- C. Replication
- D. Virtual Tape Library

**Answer: C**

**NEW QUESTION 2**

The recovery point objective (RPO) is used to identify how much time lies between two backups.

- A. TRUE
- B. FALSE

**Answer: A**

**NEW QUESTION 3**

Select the correct statements that describes Mean Time Between Failure(MTBF). (Multiple Choice)

- A. MTBF can accurately pinpoint the time of failures of the hard disks.
- B. The higher the MTBF, the hard disk will have shorter lifespan expectancy,
- C. MTBF is used to measure the reliability of hard disks.
- D. MTBF is the predicted elapsed time between inherent failures of hard disk

**Answer: CD**

**NEW QUESTION 4**

Which of the following statements about LAN-based backup is incorrect?

- A. Instruction flows are transmitted over the LAN whereas data flows are not.
- B. The backup agent affects the performance of application servers.
- C. Backup data is based on LANs, affecting network performance.
- D. Backup jobs must be separately maintained, complicating management and maintenanc

**Answer: A**

**NEW QUESTION 5**

Using SmartThin gives extra responsibility for the SAN administrator because there is a risk of overprovisioning storage capacity.

- A. TRUE
- B. FALSE

**Answer: A**

**NEW QUESTION 6**

A backup set is a group of data that is backed up in a batch. A backup set can be used for either full backup or incremental backup.

- A. TRUE
- B. FALSE

**Answer: A**

**NEW QUESTION 7**

After the UltraPath is installed on an application server, its operating system can automatically identify the disks mapped from a storage device without being restarted.

- A. TRUE
- B. FALSE

**Answer: B**

**NEW QUESTION 8**

Which of the following is the correct procedure for configuring a HUAWEI OceanStor V3 storage system?

- A. Creating a Storage pool -> Creating a LUN -> Adding a mapping.
- B. Creating a Storage pool -> Adding a mapping -> Creating a LUN.
- C. Creating a LUN -> Creating a Storage pool -> Adding a mapping.
- D. Creating a LUN -> Adding a mapping -> Creating a Storage poo

**Answer: A**

**NEW QUESTION 9**

Based on the understanding of the Generation stage of the lifecycle management of information and data, identify the 3 types of sources in which data can be generated.(Multiple Choice)

- A. External System Generation.
- B. Internal System Generation.
- C. External Input.
- D. Internal Input

**Answer:** BCD

**NEW QUESTION 10**

Which of the following is an example of unstructured data? (Multiple Choice)

- A. Images
- B. SQL Databases
- C. NoSQL Databases
- D. Video

**Answer:** AD

**NEW QUESTION 10**

Statement 1: A Solid State Disk drive can withstand strong vibrations. Statement 2: A Solid State Disk drive has only a few mechanical parts.

- A. Statement 1 and 2 are true
- B. Statement 1 is true; Statement 2 is false
- C. Statement 1 is false; Statement 2 is true
- D. Statement 1 and 2 are false

**Answer:** B

**NEW QUESTION 11**

Which of the following disk interface technologies use serial interface technology? (Multiple Choice)

- A. ATA
- B. SATA
- C. sas
- D. IDE

**Answer:** BCD

**NEW QUESTION 12**

A traditional RAID 10 set always has an even number of disks.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 17**

Government regulations can sometimes mean that when data must be destroyed it means that the physical media must be destroyed.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 22**

It is common practice to create an extra copy of a backup tape that holds important data.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 25**

Which of the following statements about RAID technology are correct? (Multiple Choice)

- A. Disks are striped for storing data blocks, shortening the mechanical seek time and accelerating data access.
- B. Several disks in an array are accessed simultaneously (parallel access), shortening the mechanical seek time and accelerating data access.
- C. Current RAID technology only uses the parity check mechanism to protect data.
- D. Performance of all RAID levels increases with the number of member disk

**Answer:** AB

**NEW QUESTION 28**

What is NOT a parameter used to identify a hard disk?

- A. Block size
- B. Bandwidth
- C. Rotations per minute
- D. Latency

**Answer: B**

**NEW QUESTION 32**

About HUAWEI OceanStor V3, the following 2 statements:

Statement 1: With the SmartTier feature the SSD disks are in the Performance Tier. Statement 2: No more than 3 tiers can exist in the OceanStor V3 storage arrays.

- A. Statement 1 and 2 are true.
- B. Statement 1 is true; Statement 2 is false.
- C. Statement 1 is false; Statement 2 is true.
- D. Statement 1 and 2 are fals

**Answer: C**

**NEW QUESTION 37**

What is typical for a DAS solution? (Multiple Choice)

- A. More scaleable in capacity than a SAN solution
- B. Consists of a server/host with its locally connected disk drives
- C. Sharing of files between DAS solutions is possible via the network.
- D. Backups are centrally made on a special backup serve

**Answer: BD**

**NEW QUESTION 42**

Data is the record that reflects the attributes of objective things and is the physical manifestation of information,

- A. TRUE
- B. FALSE

**Answer: A**

**NEW QUESTION 46**

What is included in every backup job? (Multiple Choice)

- A. Cost of Downtime.
- B. Retention period.
- C. Application that uses the data.
- D. Backup type (full, incremental, differential).

**Answer: BD**

**NEW QUESTION 49**

You are tasked to setup a SAN storage system that has the following requirements: (1) To minimize the workload on server resources. (2) Optimize the capabilities on storage system for deduplication. Select the following options that fits the scenario above.

(Multiple Choice)

- A. Use NIC instead of HBA cards to minimize the host resource consumption during I/O operations.
- B. Offload the storage processing tasks to the server to optimize the data deduplication.
- C. Usage of TCP/IP offload engine technology to do processing on HBA cards on the server to minimize the usage of server resources.
- D. Adding hardware acceleration module to the storage system to optimize the performance of data deduplication.

**Answer: CD**

**NEW QUESTION 51**

ICT is a technological field that combines information technology and communication technology.

- A. TRUE
- B. FALSE

**Answer: A**

**NEW QUESTION 52**

Storage Pools cannot be created with a single tier of disks.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 53**

Which of the following would best describe a virus?

- A. When an employee goes against the company's ICY code of practice e.
- B. leaving workstation logged on.
- C. A piece of malicious code that is written by programmers and is used to corrupt data and systems.
- D. When individuals or organizations break the law through using computers illegally access a computer system.
- E. Misuse of information provided by ICT systems for personal or malicious intention

**Answer:** B

**NEW QUESTION 55**

Match the operating system with the protocol. The operating systems include:1.Windows 2.Linux 3.Apple OSX; The protocols include: A-NFS B - CIFS C - SMB

- A. 1-A; 2-C; 3-A.
- B. 1 - B+C; 2 - A ; 3 - A .
- C. 1 - A+D; 2 - A+B; 3 - A .
- D. 1 - C ; 2 - A+D; 3 - A.

**Answer:** B

**NEW QUESTION 56**

The central backup question is: How much loss can be tolerated determines how much to invest in backup?

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 60**

In HUAWEI OceanStor V3,HyperSnap of a LUN uses the Copy On Write method to keep track of changes blocks

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 64**

In a NAS environment entire files are sent across the ethernet based network. The NAS server however stores these files in the form as SCSI blocks mostly on multiple disks using RAID protection.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 69**

Huawei V3 series storage system hardware includes controller enclosures and disk enclosures. Which of the following statements about controller enclosures is correct?

- A. When the external power supply fails, BBU modules provide backup power for all disks.
- B. When the external power supply fails, BBUs can supply power to enable data synchronization from the cache to disks in disk enclosures.
- C. If BBUs become faulty, the service system will be interrupted.
- D. When the power input is normal, BBUs are in the standby stat

**Answer:** B

**NEW QUESTION 72**

What is the main purpose of backup battery units (BBU) in storage controllers?

- A. To maintain the power for clock synchronization.
- B. To power the interface modules.
- C. To provide additional power to storage controller to speed up the I/O.
- D. To ensure that the non completed I/O is not lost during power outag

**Answer:** D

**NEW QUESTION 75**

Statement 1: If possible it is always advised to make only Full Backups Statement 2: LAN free backups typically run slower than LAN based backups.

- A. Statements 1 and 2 are both true.
- B. Statement 1 is true and statement 2 is false.

- C. Statement 1 is false and statement 2 is true.
- D. Both statements 1 and 2 are fals

**Answer:** B

**NEW QUESTION 80**

Statement 1; NAS systems must be interconnected using fiber optic cables. Statement 2: A network protocol is the way in which an operating system accesses a file that is on a network connected device.

- A. Statements 1 and 2 are both true.
- B. Statement 1 is true and statement 2 is false.
- C. Statement 1 is false and statement 2 is true.
- D. Both statements 1 and 2 are fals

**Answer:** C

**NEW QUESTION 83**

Which of the following statements about HUAWEI OceanStor V3 SmartTier dynamic storage tiering technology is NOT true?

- A. The SmartTier calculates and analyzes the activity level of data.
- B. The SmartTier automatically and dynamically matches data from different activity levels with storage media of different characteristics.
- C. The SmartTier data relocation activities are based on configured policies.
- D. Data statistics, analysis, and relocation activities of the SmartTier affect service continuity and data availability.

**Answer:** D

**NEW QUESTION 86**

Grid storage employs the combination of large scale serial distributed storage to provide even distribution of storage across all nodes.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 88**

Data and Information are the same thing.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 91**

Statement 1: Synchronous replication is often possible over distances of more than100k Statement 2: Asynchronous replication must be used when the host has a file system that is Linux based.

- A. Statement 1 and 2 are true.
- B. Statement 1 is true; Statement 2 is false.
- C. Statement 1 is false; Statement 2 is true.
- D. Statement 1 and 2 are fals

**Answer:** D

**NEW QUESTION 92**

Which of the following are deployment modes of cloud computing? (Multiple Choice)

- A. Public cloud
- B. Private cloud
- C. Hybrid cloud
- D. E-Government cloud

**Answer:** ABC

**NEW QUESTION 96**

Which of the following is correct? (Multiple Choice)

- A. Only when a snapshot is activated will the system record all changes to the original LUN.
- B. A snapshot needs to be removed from the LUN group to be fully unmapped.
- C. SmartTier supports a High Performance, a Performance, a High Capacity and a Capacity Tier.
- D. To write data to the secondary LUN of a clone pair, the pair must be spli

**Answer:** ABD

**NEW QUESTION 101**

A zone in a FC switch determines which ports of the FC switch can be connected together.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 105**

Statement 1: Disaster Recovery plans eliminate the need for backups on tape or disk.

Statement 2: With the design of the DR plan one should always assume the worst possible scenario.

- A. Statement 1 and 2 are true.
- B. Statement 1 is true; Statement 2 is false.
- C. Statement 1 is false; Statement 2 is true.
- D. Statement 1 and 2 are fals

**Answer:** C

**NEW QUESTION 108**

Select the correct statements that describes the properties of Distributed Object Storage Architecture.

(Multiple Choice)

- A. Metadata servers manages the access requests.
- B. Does not support x86 servers.
- C. Clients can pinpoint the location of targeted data without metadata servers,
- D. Multi node concurrent I/O connectio

**Answer:** AD

**NEW QUESTION 113**

Currently all OceanStor V3 devices support SAS at 12 Gb/s.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 115**

Storage controllers can be separated from the chassis of disk enclosures. It does not need to be integrated in design with the disk enclosures.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 119**

Which of the following are the 3 layers of SCSI Initiator Model? (Multiple Choice)

- A. SCSI Link Layer.
- B. SCSI Network Layer.
- C. SCSI Middle Layer.
- D. SCSI Device Driver Laye

**Answer:** ACD

**NEW QUESTION 123**

When the RPO is minutes instead of hours the best backup method is traditional Tape backup.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 124**

A company that primarily has static data (like map data or JPG files) does not profit much from the HUAWEI OceanStor V3 SmartTier functionality.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 129**

Which of the following disks has the best performance in terms of speed?

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

**Answer: C**

**NEW QUESTION 130**

The disadvantage of full backup is that it requires the last full backup and the most recent differential backup to fully restore data.

- A. TRUE
- B. FALSE

**Answer: B**

**NEW QUESTION 135**

Which of the following is NOT the characteristics of the active-active mode of a storage controller?

- A. Two controllers process the I/O requests from application servers concurrently.
- B. If a controller becomes faulty, the other takes over the work of the faulty controller without disrupting ongoing services.
- C. The primary controller processes the I/O requests from application servers and the secondary controller is in the idle state.
- D. The active-active mode achieves load balancing, full utilization of resources, and system performance improvement.

**Answer: C**

**NEW QUESTION 136**

The restore time objective (RTO) specifies the time needed to recover the data and servers after a disaster has occurred,

- A. TRUE
- B. FALSE

**Answer: B**

**NEW QUESTION 137**

Statement 1: The higher the number used to indicate the RAID level, the higher the overhead Statement 2: RAID 10 stripes the data, then mirrors the stripe set.

- A. Statements 1 and 2 are both true.
- B. Statement 1 is true and statement 2 is false.
- C. Statement 1 is false and statement 2 is true.
- D. Both statements 1 and 2 are fals

**Answer: D**

**NEW QUESTION 140**

Which of the following statements about RAID 5 are correct? (Multiple Choice)

- A. RAID 5 has fixed parity disks,
- B. RAID 5 uses the XOR algorithm for parity,
- C. RAID 5 writes data by stripes.
- D. RAID 5 tolerates the failure of a maximum of two member disks without losing dat

**Answer: BC**

**NEW QUESTION 144**

Cloud computing can be used to improve reliability.

- A. TRUE
- B. FALSE

**Answer: A**

**NEW QUESTION 149**

Which of the following allows direct physical access to end users?

- A. Network Switch.
- B. Storage Array.
- C. Backup System.
- D. Client

**Answer: D**

**NEW QUESTION 153**

The maintenance network port is used, by the DeviceManager, for daily management.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 155**

Which of the following technologies are able to quickly obtain valuable information from a variety of data types in a short period of time from a collection of vast amounts of data?

- A. Cloud.
- B. Big Data.
- C. Social Media.
- D. Internet Of Thing

**Answer:** B

**NEW QUESTION 157**

Which of the following statements is NOT true? (Multiple Choice)

- A. CIFS is a network-based sharing protocol
- B. It has high demands on network transmission reliability, so it usually uses TCP/IP.
- C. One disadvantage of CIFS is that Windows clients must be equipped with dedicated software.
- D. NFS is a stateless protocol while CIFS is a stateful protocol
- E. NFS can be automatically recovered from a fault while CIFS cannot
- F. Both the CIFS as well as the NFS protocol requires file format conversion

**Answer:** BD

**NEW QUESTION 160**

Which of the following are attached to the storage system serially? (Multiple Choice)

- A. ATA Drive.
- B. SAS Drive.
- C. NL-SAS Drive.
- D. IDE Drive

**Answer:** BC

**NEW QUESTION 161**

What is the main difference between mechanical drives such as SAS with solid state drives(SSD)?

- A. The presence of mechanical parts.
- B. The performance of the hard drive.
- C. The capacity of hard drive.
- D. The lifespan of hard drive

**Answer:** A

**NEW QUESTION 162**

Statement 1: Virtual Tape libraries allow for a highly scalable backup strategy as storage can be added later.  
Statement 2: Virtual Tape Libraries should be used when remote datacenters are NOT available.

- A. Statements 1 and 2 are both true.
- B. Statement 1 is true and statement 2 is false.
- C. Statement 1 is false and statement 2 is true.
- D. Both statements 1 and 2 are false

**Answer:** B

**NEW QUESTION 165**

Incremental backup requires the last full backup and each incremental backup to fully restore data. Data reconstruction is therefore slower compared with full backups.

- A. TRUE
- B. FALSE

**Answer:** A

**NEW QUESTION 168**

Which of the following occurs after multipathing software is installed on a host? (Multiple Choice)

- A. Maps a LUN to the host
- B. Avoids logical errors from occurring in the operating system as a result of multiple reachable paths to the same LUN.
- C. Improves link reliability and prevents the failure of a single link from causing a system failure.
- D. Sets up connection between a storage device and the host

**Answer:** BC

**NEW QUESTION 171**

Statement 1: For RAID 2.0+ to work optimally multiple disk domains must be created. Statement 2: A disk domain with 100 disks in it has better RAID 2.0+ protection and performance characteristics than a disk domain with 50 disks.

- A. Statements 1 and 2 are both true.
- B. Statement 1 is true and statement 2 is false.
- C. Statement 1 is false and statement 2 is true.
- D. Both statements 1 and 2 are fals

**Answer:** C

**NEW QUESTION 172**

What is a storage array?

- A. system that handles the communication of data from end users to its storage location and provide confirmation on successful storage.
- B. A system that manages the network functions and carries the data traffic from host to storage.
- C. A system that has the management software that can provide access to its sets of hard drives ortape libraries for the purpose of data access and storage.
- D. A system that handles the interconnection of hosts to disks drives and allows hosts to directly access the disks and use it as local drives.

**Answer:** C

**NEW QUESTION 175**

Which of the following best describes SDN?

- A. Using a software program to manage your network.
- B. The virtualization of network services to achieve better efficiency and scalability.
- C. Decoupling of the data plane and control plane in networks.
- D. Using hardware to manage the networ

**Answer:** C

**NEW QUESTION 179**

Which is the correct formation order of the following elements in RAID 2.0+?

- A. LUN -> CK -> CKG -> Extent -> LD
- B. LD -> CKG -> CK -> Extent -> LUN
- C. LD -> CK -> CKG -> Extent -> LUN
- D. LD -> Extent -> CKG -> CK -> LUN

**Answer:** C

**NEW QUESTION 181**

Which of the following is not the benefits of converged storage systems?

- A. The same device is able to provide both block storage and file storage.
- B. Saving of rack space due to integration of equipment into one device.
- C. Converged storage system has better data protection compared to other non-converged systems.
- D. Unified management of storage resource

**Answer:** A

**NEW QUESTION 185**

HyperReplication for HUAWEI OceanStor V3 can use FC links the data centers. ISCSI links are not supported.

- A. TRUE
- B. FALSE

**Answer:** B

**NEW QUESTION 189**

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