



Vendor: Huawei

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QUESTION 1

Before applying smartmigration to a LUN, the correct procedure is to reserve 50% of the LUN capacity in the storage pool where the LUN belongs to the storage function for storing metadata.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 2

Enterprise A uses the advanced backup solution of Huawei Backup Appliance DPAs to back up database system data.

The enterprise system is as follows:

Capacity is 4TB: Incremental backups are performed once a day:

Data changes are 10GB per day: Data needs to be retained for one month.

In this case, 6.5TB is the minimum size for the volume that fits into the backend storage.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 3

Archiving will expand the capacity of storage systems in the data center. When planning capacity, engineers only need to consider data capacity, file system, RAID level, hot spare space, vault disks, and value-added features.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 4

The effective capacity of the storage device is less than the actual disk capacity. Discrepancies may be caused by hot spare space, coffer disks, RAID parity data or metadata.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 5

The active architecture of Huawei's mass storage system ensures load balancing of high-concurrency transaction services. With this architecture, I/Os is evenly distributed to all frontends for access to load balancing.

- A. TRUE

B. FALSE

Answer: A

QUESTION 6

A company plans to use remote replication for data protection between site A and site B. 32 GB production, data needs to be replicated from site A to site B within 2 hours, and the bandwidth usage is about 80%. For bandwidth between two sites (without considering duplication and compression), 15 Mbit/s is the best choice.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 7

Huawei's hyper-converged storage adopts the distributed hash table DHT algorithm, which combines parallel hash calculation with metadata in global memory.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 8

Huawei mass storage hybrid flash memory can support NFS and CIFS.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 9

Divide a LUN by 9000, map it to the operating system and mount a dedicated file system, and use the test tool to write a large number of 13K files. In order to improve the IO performance, it is recommended to set the read size to 16K.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 10

Data protection methods (such as snapshots or backups) can recover files damaged by viruses.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 11

A data analysis company plans to migrate data analysis services to HUAWEI CLOUD. Compared with self-built analysis platforms, migrating data to HUAWEI CLOUD can reduce investment in O&M personnel.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 12

A bank uses Huawei's OceanStor system to provide its mission-critical services. RAID2.0+ and multiple copies provide local physical data redundancy to ensure data reliability for the bank.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 13

An enterprise plans to build a 3DC architecture on HUAWEI CLOUD. Customers need cross-region DR to avoid service interruption and 0 RPO. Technicians provide cloud-based 3DC solutions, including Storage Disaster Recovery Services (SDRS) and Cloud Backup and Recovery (CBR). Production center X and DR center Y are constructed in Zone A 1 and AZ2, and remote DR center Z is constructed in Zone A. DR requirements of zero RPO and zero RTO can be met between data centers X and Z.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 14

The disk domain of Huawei Ocean Storage's hybrid flash memory system contains 96 disks. In order to fully utilize the disk performance, it is recommended that the number of LUNs planned in a disk domain should not be less than 4.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 15

When performing heterogeneous takeover before migration based on smart virtualization and smart migration, operators need to create eDevLUNs for LUNs from heterogeneous storage systems.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 16

Under the same migration environment, if the data volume of the two file systems is the same (both 100GB), the migration rate is the same, which has nothing to do with the directory structure and file size distribution.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 17

When creating an eDevLUN, when the write-back policy is set, the performance is good, but the reliability is low; when the write-through policy is set, the reliability is high, but the performance is affected.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 18

An enterprise purchased a set of Huawei OceanStor 9000 storage. Some basic software of the enterprise is stored in a directory, and all personnel are required to access the share. For the convenience of operation, it is not necessary to enter the account password when accessing. Engineers can do this when configuring, set the basic software directory as an NFS share, and check the "guest enable" option under the share.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 19

During the homogeneous migration process, after the host multipath completes the link aggregation of the original LUN and eDevLun, the migration task can be created and the migration can be started.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 20

In the IO processing of distributed object service, after authentication, OSC uses Plog Server to perform EC calculation on data, and writes concurrently to Plog Client for persistence.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 21

In the SmartVirtualization feature, eDevlun corresponds to external lun one by one, eDevlun is the external lun.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 22

A customer uses block storage service and puts forward the following requirements for backup networking.

1. The backup data stream does not occupy LUN resources;
2. Backup services do not affect user network performance;
3. Small impact on host business
4. the backup performance is good.

Regardless of cost, which of the following backup networking architectures can meet customer requirements?

- A. LAN-Base
- B. Server-Free
- C. Server-Less (NDMP)
- D. LAN-Free

Answer: B

QUESTION 23

Which of the following binding modes is recommended for the storage network configuration when using the stand-alone mode, ticket data protection all-in-one machine?

- A. mode3
- B. mode4
- C. mode2
- D. mode1

Answer: B

QUESTION 24

Which of the following does not belong to the scope of operation and maintenance technical

support?

- A. Manpower allocation
- B. Equipment maintenance
- C. Equipment maintenance
- D. Risk Identification

Answer: C

QUESTION 25

Which of the following is the upgrade method for the controller to be upgraded in batches and reset to take effect?

- A. Alternate upgrade
- B. Rapid upgrade
- C. Rolling Upgrade
- D. Side-by-side upgrade

Answer: C

QUESTION 26

For a file system with the HyperLock feature enabled, we cannot delete, modify, and rename the files in which state the system is in?

- A. Initial state
- B. Locked state
- C. Append Status
- D. Expiration Status Reference

Answer: B

QUESTION 27

Huawei's all-flash storage, Kunpeng 92 core supports eight-core technology, and can allocate 12-core load services for front-end interface services, global cache services, back-end interface services, storage pool services, and various services. Which of the following data technologies belongs to?

- A. Inter-core lock-free
- B. Multicore (Streaming) Partitioning
- C. CPU grouping

Answer: C

QUESTION 28

Which of the following scenarios does NFS not support?

- A. hyper-V
- B. SAP HANA Oracle database

- C. VMware/Xen/ Database applications
- D. Unix/Linux/AIX/solaris/unix scenarios

Answer: A

QUESTION 29

In the mixed flash, which of the following statements about the two features of smarttier and smartcache are correct?

- A. If there are many SSDs and hot data is concentrated, smartcache is the best choice
- B. If the number of SSDs is small, the utilization of tiered storage disks is higher
- C. Hierarchical storage is recommended if the hotspot data is scattered and changed quickly.
- D. The random read of a customer's business IO load accounts for more than 60%. Currently, SATA and SAS are used as tiered storage and SSD is used as cache. This can reduce costs and improve performance.

Answer: B

QUESTION 30

After the storage project implements transshipment maintenance, which item is not part of the standard process management link?

- A. Disaster recovery management
- B. Problem Management
- C. Configuration Management
- D. Incident Management

Answer: C

QUESTION 31

The various businesses of the enterprise have different storage requirements and need to be finely divided. The customer hopes that different businesses can compete for physical space and achieve optimal configuration of space. Which of the following features can meet the requirements?

- A. smartthin
- B. Smartpartition
- C. smarttier
- D. smartcache

Answer: A

QUESTION 32

Under the all-flash storage FC networking, which one is wrong?

- A. From the controller's point of view, each controller establishes a link with the host
- B. Each port of the host can establish 1 external session connection, and each port can establish 4 connections with the internal controller at the same time

- C. Each shared interface module has 4 physical ports, each port has 1 wwn
- D. From the perspective of the host, there are 4 links between the host and the storage system

Answer: A

QUESTION 33

The iSCSI protocol is a SCSI instruction set that runs on the upper layer of the IP protocol. For a TCP packet encapsulating the iSCSI protocol, which of the following parts does not contain?

- A. iSCSI header
- B. TCP header
- C. IP Header
- D. iSCSI Data

Answer: D

QUESTION 34

During hybrid all-flash data migration, SmartMigration selects the medium speed for the migration rate, and what is the maximum rate?

- A. 800MB/s
- B. 280MB/s
- C. 150MB/s
- D. 400MB/s

Answer: C

QUESTION 35

The backup service cannot occupy the storage network bandwidth of the production environment. Which network should I choose?

- A. Lan-base
- B. lan-free
- C. server-lan
- D. server-base

Answer: A

QUESTION 36

Establish a remote disaster recovery center, the distance is 1000KM, the business data increment is 2G per day, the synchronization is up to 8 hours, the bandwidth utilization rate is 70%, and what is the minimum bandwidth that meets the demand?

- A. 702KBps
- B. 785KBps
- C. 834KBps
- D. 665KBps

Answer: C

QUESTION 37

Which of the following networking supports shared interface modules in Dorado high-end storage products?

- A. NAS
- B. FC
- C. IPSAN
- D. DAS

Answer: B

QUESTION 38

Due to the approaching of the National Day, equipment maintenance needs to be powered off and then powered on. What is the correct sequence of power-on?

- A. External power supply -> server power supply -> controller enclosure power supply -> switch power supply
- B. External power supply -> controller enclosure power supply -> switch power supply -> server power supply
- C. External power supply -> server power supply -> switch power supply -> controller enclosure power supply
- D. External power supply -> controller enclosure power supply -> server power supply -> switch power supply

Answer: B

QUESTION 39

A customer project deploys an 8-node Huawei OceanStor 9000 C Node. The front-end and back-end are all IB networking. The device has been powered on and the interoperability test of all device front-end network ports and customer front-end service switches has been completed. Next, engineers will install and deploy Huawei OceanStor 900 software, the following are some of the operation methods of engineers in the field deployment process, which one is in line with the operation specification?

- A. Direct software deployment without disconnecting the front-end network and all storage nodes
- B. Connect the installation PC directly through the network cable to the OM management network switch to complete the software deployment
- C. Before the software deployment starts, the engineer configures a temporary back-end IP address on the back-end network port B3-0 (connected to the installation PC) of the 9000 nodes for deploying the DHCP server
- D. The engineer thinks that the installation PC can be connected to NIC1 to complete the software deployment, so the installation PC is connected to NIC1

Answer: C

QUESTION 40

Huawei's hyper-converged storage adopts a distributed storage logic architecture. Which of the

following is the function of the VBS module?

- A. Provide standard SCSI/iSCSI services for VMs and databases
- B. HASH partition
- C. Provide hard disk management
- D. Provides management of storage cluster state

Answer: A

QUESTION 41

Company A plans to adopt hyperconvergence to meet the rapidly changing information needs of the enterprise. Which of the following is an architectural feature of hyperconvergence?

- A. Computation-centric Scale-Up architecture
- B. Data-centric Scale-Up Architecture
- C. Business-centric scale-out architecture
- D. Data-centric Scale-Out Architecture

Answer: C

QUESTION 42

Huawei OceanStor 9000 nodes, read and write performance from high to low, which of the following is the correct order?

- A. P25 Node SSD hard disk > P25 Node SAS hard disk > P36 Node SATA hard disk > P12 SATA hard disk > C36 SATA hard disk
- B. P25 Node SAS hard disk > P25 Node SSD hard disk > P36 Node SATA hard disk > P12 SATA hard disk > C36 SATA hard disk
- C. P25 Node SSD hard disk > P25 Node SAS hard disk > P36 Node SATA hard disk > C36 SATA hard disk > P12 SATA hard disk
- D. P25 Node SSD hard disk > P25 Node SAS hard disk > C36 SATA hard disk > P36 Node SATA hard disk > P12 SATA hard disk

Answer: A

QUESTION 43

Windows supports MBR and GPT two disk partition modes. For MBR disks, which the following is correct?

- A. The maximum number of logical partitions divided on the primary extended partition is no more than 4.
- B. The total number of primary partitions and primary extended partitions shall not exceed 4, and the maximum number of primary partitions shall be 4.
- C. Windows operating system can create up to 4 partitions.
- D. The maximum size of a single partition is 1TB.

Answer: B

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