Huawei HCIE-Storage v3.0

1. OceanStor V5 Scale-Out is a vertical expansion architecture, that is, it uses the existing storage system to continuously increase the number of disk enclosures to meet the increasing data demand of users.

A. TRUE

B. FALSE

Answer(s): B

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2. An enterprise has applications such as key performance applications, mainstream commercial applications, archiving and printing services, and each application is independent. In order to ensure business priority, SmartMulti-Tenant technology can be used to create tenants for different businesses, and according to tenant levels and business characteristics, set the storage resources of each tenant's vStore.

A. TRUE

B. FALSE

Answer(s): A

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3. In the Huawei HyperMetro active-active solution, when the link of the active-active data center fails, it will enter the "to-be-synchronized state". To quickly restore services, you can choose to force the local storage system or the remote storage system to continue to provide services for the host. At this time, the active-active service status will enter "Normal".

A. TRUE

B. FALSE

Answer(s): B

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4. The active-active of distributed storage block service supports incremental synchronization. When a site fails, according to the arbitration mechanism of the system, the site that wins the arbitration will provide services, and the TO request is changed from double-write to single-write. When the system at the faulty site is restored, it supports synchronizing the data changed during the failure to the rapid recovery system at the restored site.

A. TRUE

B. FALSE

Answer(s): A

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5. Huawei all-flash storage devices need to be planned and designed before deployment. Which of the following does not require planning during storage networking?

A. Service Networking

B. IP address

C. Management networking

D. Heartbeat network

Answer(s): D

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6. A bank's online transaction system runs on a set of Huawei all-flash storage, and the front-end application freezes during peak online transactions. The storage engineer has monitored that the host-layer application read-write ratio is 3:2, mostly random small I/O. Which of the following indicators is helpful for storage engineers to analyze the cause of the problem? (Multiple Choice)

A. Hard Disk Utilization

B. Front-end host port average 10 response time

C. Controller average response time

D. Control CPU utilization

Answer(s): B,C,D

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7. Which of the following data protection methods can recover files damaged by viruses? (Multiple Choice)

A. RAID

B. Erasure Code

C. Backup

D. Snapshot

Answer(s): C,D

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8. Which of the following are common high-risk operations under Linux? (Multiple Choice)

A. dd command

B. Continue to write new data to the file system after the file system is damaged

C. rm delete file operation

D. mkfs.ext3 format file system operation

Answer(s): A,B,C,D

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9. In the OLTP business scenario, Huawei OceanStor hybrid flash storage uses SmartTier technology to create storage pools. Which of the following settings can improve the accuracy of tiered storage hotspot identification?

A. Reduce the stripe depth

B. Keep Extent default value

C. Increase the Extent value

D. Decrease the Extent value

Answer(s): D

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10. Which of the following description about the WORM feature is incorrect?

A. When the file is locked, the protection time of the file can be extended or shortened by manual operation.

B. A file in a locked state when the WORM clock value of the file system is greater than the atime value of the file, the file will be in an expired state.

C. When the file is in the append state, after the legal clock of the WORM file system exceeds the file expiration time, the file will migrate from the append state to the expired state.

D. When the file size is 0 bytes, the lock state can be migrated to the append state.

Answer(s): A

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11. In the process of data migration based on the heterogeneous virtualization function, if there are insufficient storage ports, consider sharing ports with the "active-active" and "remote replication" services when the local storage system and the heterogeneous storage system are networked.

A. TRUE

B. FALSE

Answer(s): B

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12. A TV station plans to purchase Huawei hybrid flash storage devices to use NAS file system services. When planning storage services, which of the following options can be considered?

A. Match different types of LUNs according to 10 models of different application services, and plan read policies, write policies and prefetch policies

B. Set the first-level directory quota for the file system for managing space usage

C. Understand the capacity of the daily business star and the pricing strategy, etc., and estimate the required capacity of the storage device

D. Plan sharing methods according to different types of computers, operating systems, and network architectures

Answer(s): A,B,C,D

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13. A bank purchased a new all-flash storage device (such as Huawei OceanStor all-flash memory), and the engineer initialized and configured the device. Which of the following operations is correct?

A. When creating a LUN, configure the LUN as a Thick LUN

B. When creating hosts in batches, create 600 hosts at a time

C. It is required to tolerate 2 data CHUNK failures and configure the RAID strategy as RAID5

D. When logging in to DeviceManager, use the port number 8088

Answer(s): D

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14. When two arbiter servers are configured at the arbiter site, if all links between the primary arbiter server and the arrays at both ends are disconnected, and the connection between the standby arbiter server and the arrays at both ends is normal, and the links between the active-active sites are also normal, the system will fail. The primary arbitration server automatically switches to the standby arbitration server within 3 minutes after the failure of the primary arbitration server, and the standby arbitration server performs the arbitration function.

A. TRUE

B. FALSE

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15. Which of the following statements about the SmartCache feature principle of Huawei OceanStor hybrid flash storage is correct?

A. If business A and B share 0 ceanStor storage, the same custom SmartCache partition can be used

B. When a write I/O arrives at the storage system, in order to avoid affecting the write performance, the data in the SmartCache will not change due to the I/O

C. The system generates a default SmartCache partition for each controller by default.

D. When read the data in the missed Smart Cache, the SmartCache pool directly forwards the read I/O request to the HDD.

Answer(s): A

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16. 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(s): C

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17. Operation and maintenance is essentially the operation and maintenance of various stages of the life cycle of networks, servers and services.

A. TRUE

B. FALSE

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18. The storage layer of Huawei DPA adopts adaptive C/S technology, and automatically collects C/S fault analysis according to F2, also known as G2 diagnosis, the process of collecting and analyzing data in order to confirm the cause of G2 and prevent recurrence.

A. TRUE

B. FALSE

Answer(s): A

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19. When using the block service of Huawei's distributed storage system, a DR cluster with asynchronous remote replication is enabled.

A. DR cluster has good scalability.

B. A single DR cluster cannot meet the needs of rapidly growing DR services.

C. Users can deploy DR clusters as needed. A DR cluster is a logical solution to provide replication services.

D. A DR cluster can be deployed on storage nodes or standalone servers

Answer(s): B

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20. During the construction of a data center, a media company purchased storage equipment from multiple manufacturers. CTOs want to centrally manage these storage devices through storage virtualization. Which of the following is not a function of storage virtualization?

A. Reducing the limitation of physical storage capacity

B. Support unified deployment management function

C. Enable the server to directly access the storage hardware

D. Hiding the physical device complexity from the user

Answer(s): C