Vendor: Huawei

Exam Code: H13-611_V5.0

Exam Name: HCIA-Storage V5.0

Version: DEMO

QUESTION 1
SmartThin is a storage space management technology provided by Huawei OceanStor V3 storage system that allocates storage resources on demand. Based on virtualization technology, SmartThin reduces the deployment of physical storage resources and maximizes the utilization of storage space.

A. True
B. False

Answer: A

QUESTION 2
Regarding the description of the hard disk domain in Huawei RAID 2.0+ technology, which of the following statement is incorrect?

A. A hard disk domain is a group of hard disks
B. A hard disk can only belong to one hard disk domain
C. OceanStor V3 storage system can create one or more disk domains
D. In a disk domain, disks of the same type must be of the same size and rotational speed

Answer: D

QUESTION 3
Huawei OceanStor V3 SmartTier feature can be used to place data on the specified disk type.

A. True
B. False

Answer: A

QUESTION 4
A certain bank will launch a set of business systems, which have very high performance and security requirements. The database uses an Oracle database and plans to deploy the Oracle database to a storage system. Then, when creating a RAID group for the Oracle database, the optimal RAID strategy should be:

A. RAID 1
B. RAID 5
C. RAID 6
D. RAID 10

Answer: D

QUESTION 5
The SCSI protocol can be used not only for the communication between the host and the disk, but also for the communication between hosts, physical tape libraries, and optical disks, etc.

A. True
B. False

Answer: A

QUESTION 6
In the Huawei OceanStor V3 storage system, a customer plans to deploy a business system. The database uses Oracle data. The average data block size is 16KB. When using the Smart Tier feature, which of the following data migration granularity is the best?

A. 512KB
B. 4MB
C. 32MB
D. 64MB

Answer: A

QUESTION 7
Which one of the following methods can achieve the RTO optimization?

A. Disk-disk
B. Disk-disk-tape
C. Remote replication
D. Virtual tape library

Answer: C

QUESTION 8
In Huawei OceanStor V3, what unit does Thick LUN apply for space from the storage system?

A. grain
B. chunk
C. stripe
D. extent

Answer: D

QUESTION 9
Most of the data generated by the Internet industry is structured data, and this part of the data accounts for about 80% of the total amount of data.

A. True
B. False

Answer: B

QUESTION 10
The following are two statements about cloud computing:

Statement 1: A deployment model of cloud computing is to divide a large physical server into multiple small virtual machines.

Statement 2: A deployment model of cloud computing is to aggregate multiple small physical servers into one large host.

A. Both Statement 1 and Statement 2 are correct
B. Statement 1 is correct, Statement 2 is wrong
C. Statement 1 is wrong, Statement 2 is correct
D. Both Statement 1 and Statement 2 are wrong

Answer: A

QUESTION 11
Multipath software can only be used in IP-SAN.

A. True
B. False

Answer: B

QUESTION 12
In Huawei OceanStor V3 based on RAID 2.0+, when a user creates a file system, the system will first automatically create a corresponding LUN and generate a file system on the LUN.

A. True
B. False

Answer: B

QUESTION 13
A company belongs to the fields of banking and finance, with a large amount of business data and high security requirements. Which RAID level is suitable for this company?

A. RAIDO
B. RAID 1
C. RAID 5
D. RAID 10

Answer: D

QUESTION 14
When there are bad sectors or bad blocks on the hard disk, which reconstruction method is used?

A. Whole disk reconstruction
B. Local Remeshing
C. Restoration reconfiguration
D. Local remodeling

Answer: B

QUESTION 15
Regarding the snapshot technology, which of the following statement is incorrect?

A. When rolling back a file system snapshot, you must cancel the shared mount of the source file system
B. After opening multiple snapshots of the same file system, roll back to one of the snapshots. After the roll-back is completed, all snapshots after the point-in-time when the target snapshot was created will be deleted
C. When manually creating a snapshot for a file system, if the product specification limit is exceeded, a new snapshot cannot be created for the file system
D. When creating a periodic snapshot for the file system, the storage system automatically deletes the earliest created snapshot and automatically generates a new snapshot

Answer: D

QUESTION 16
For random accessing to mechanical disks, the biggest impact on the time taken to complete an IO is:

A. Seek time
B. Rotation delay
C. Data transfer time

Answer: A

QUESTION 17
The InfiniBand interface is used as a front-end host interface in Huawei OceanStor V3 unified storage, which can flexibly support the direct connection and multiple networking modes of switch.

A. True
B. False

Answer: B

QUESTION 18
The hard disk domain supports online adding hard disks, and the storage pool supports online expansion.

A. True
B. False

Answer: A

QUESTION 19
Which one of the following operations is a daily maintenance item in the data center storage?

A. View and handle alarms
B. Inspect storage devices

C. Check the room environment
D. Check the internal environment of the rack

Answer: A

QUESTION 20
Statement 1: Hyper Mirror one LUN failure, the host business is not interrupted, Hyper Clone primary LUN failure, the host business is interrupted.
Statement 2: Hyper Mirror supports dual copy, and Hyper Clone supports a maximum of 1 primary LUN: 16 secondary LUNs.

A. Statement 1 is correct, Statement 2 is correct
B. Statement 1 is correct, Statement 2 is wrong
C. Statement 1 is wrong, Statement 2 is correct
D. Statement 1 is wrong, Statement 2 is wrong

Answer: B

QUESTION 21
HA (High Availability) refers to the ability to continue to access applications in the event of a single component failure of the local system.
In a data center, the downtime is one hour in a year. What is the HA of this data center?

A. 0.99999
B. 0.9998858
C. 0.999999
D. 0.998934

Answer: B

QUESTION 22
In the backup system, the data that needs to be backed up must pass through the media server before being stored in the backup media.

A. True
B. False

Answer: A

QUESTION 23
The process of regenerating all user data and parity data on the failed disk in the mirror array or RAID array is called:
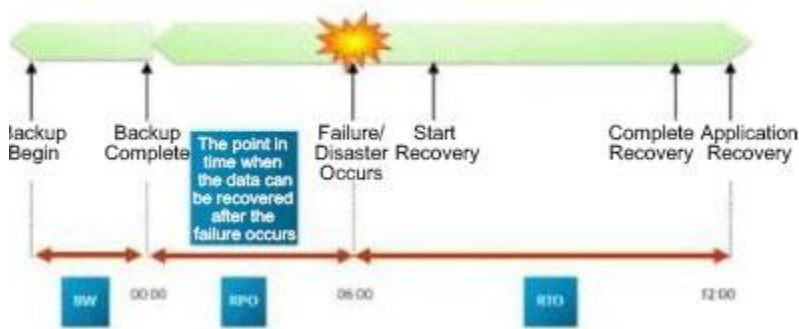
A. Recalculation
B. Refactoring
C. Hot backup
D. Recovery

Answer: B

QUESTION 24
Due to the earthquake, a company's IT system went down at 16:00 on November 11 leading to a business halt. By 23:00 on the same day, the IT system resumed operation and the data at 12:00 of that day can be restored. Then what respectively are the RTO and the RPO?

Three Elements of Backup System

A. RTO=4 hours, RPO=7 hours
B. RTO=7 hours, RPO=4 hours
C. RTO=2 hours, RPO=4 hours
D. RTO=7 hours, RPO=3 hours

Answer: B

QUESTION 25
A company needs to make a backup strategy. The company has a small amount of backup data and hopes to back up in a short time and save storage space to the utmost extent.
Which type of backup do you recommend?

A. Full backup
B. Cumulative incremental backup
C. Differential incremental backup

Answer: C

QUESTION 26
A bank needs to ensure data security and use it to transfer large databases. Which storage network architecture is suitable for this bank?

A. IP SAN
B. FC SAN
C. DAS
D. NAS

Answer: B

QUESTION 27
Xiao Wang, an employee of a company, serves as the administrator of the company's storage system. When he uses two sets of OceanStor5500 V3 as a disaster recovery solution, he only needs one of the OceanStor5500 V3 configuration data to remote replication software.

A. True
B. False

Answer: B

QUESTION 28
A user of a company can automatically report the alarms of connected storage devices to the Huawei Service Support Center through a piece of management software.
So, which software is this user using?

A. Device Manager
B. CLI management interface
C. Toolkit
D. eService

Answer: D

QUESTION 29
When the Windows copy program copies local files to the file system, the file system block size of the Huawei OceanStor V3 storage system is the default, which ensures the full use of storage space.

A. True
B. False

Answer: B

QUESTION 30
The Smart Cache feature in Huawei OceanStor V3 series products can only improve read performance, not write performance.

A. True
B. False

Answer: A

QUESTION 31
What is the synchronization cycle time limit for asynchronous remote replication?

A. 1s~144min
B. 3s~144min
C. 1s~300min
D. 3s~300min

Answer: B

QUESTION 32
Among the components of the mechanical disk, the components responsible for reading and writing data are:

A. Disk
B. Read/write head
C. Head arm
D. Spindle

Answer: B

QUESTION 33
LAN Free and Server Free are the backup networking modes that have little impact on host performance.

A. True
B. False

Answer: A

QUESTION 34
Regarding database-level disaster recovery, which of the following statement is wrong?

A. Database-level disaster recovery technology is a disaster recovery solution designed for fixed databases.
B. Database-level disaster recovery supports WAN, but requires separate hardware support.
C. Database-level disaster recovery is mainly achieved by transmitting data logs and replaying them at the disaster recovery site.
D. Database-level disaster recovery, more data will be lost in asynchronous mode, at least one log file will be lost.

Answer: B

QUESTION 35
Which of the following statements corresponding to RAID 5 and RAID 10 are correct?

RAID Level - Performance Comparison

IO Type	Performance Comparison
Random Read	Random read performance of each RAID level is equivalent.
Random Write	Because the RAID algorithm calculates the checksum and mirroring process, random writes will bring additional IO overhead, which is called Write Penalty. Therefore, the greater the write penalty of the RAID algorithm, the worse the random write performance. RAID10> RAID5> RAID6
Random Read	Under the RAID2.0+ architecture, there is no separate parity disk, and all disks in the hard disk domain can provide read performance. The sequential read performance of each RAID level is equivalent.
Random Write	Under the RAID2.0+ architecture, there is no separate parity disk, and all disks in the hard disk domain can provide read performance. The sequential read performance of each RAID level is equivalent.

A. The sequential read performance of RAID 5 is lower than that of RAID 10.
B. With sufficient front-end pressure, the sequential write performance of RAID 5 is higher than that of RAID 10.
C. The random read performance of RAID 5 is lower than that of RAID 10.
D. The random write performance of RAID 5 is higher than that of RAID 10.

Answer: B

QUESTION 36
Xiao Wang, an employee of a small company, uses the CIFS protocol to access shared files on the Linux application server supported by his company's storage system.

A. True
B. False

Answer: B

QUESTION 37
Regarding the common protocols used by the storage, which of the following statement is correct?

A. ATA protocol uses parallel interface, which can only be used internally, and there are requirements for cable length.
B. SCSI protocol does not support hot plug.
C. A SAS domain can connect 15 devices.
D. FC protocol compatibility is good, long transmission distance.

Answer: A

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