Huawei

Exam H13-622

HCNP Storage CBDS (Constructing Big Data Storage)

Version: 6.0

[Total Questions: 178]

Question No : 1

When configuring an N8500 clustered NAS engine, a user must specify the start and end physical IP addresses and the start and end virtual IP addresses,

A. TRUE
B. FALSE

Answer: B

Question No : 2

Which of the following statements about N8500 troubleshooting is incorrect?

A. Check file system configurations, and then check storage device configurations.
B. Check network connection, and then check NAS device configurations.
C. Check device indicators, and then check system logs.
D. Check the status of storage unit disk enclosures, and then check the status of storage unit controller enclosures.

Answer: D

Question No : 3

In performance optimization of the N8500 clustered NAS storage systems, which of the following issues must the maintenance personnel be aware of concerning LUNs and controllers? (Select 3 answers)

A. Create only one LUN for each RAID group.
B. Set LUNs to forcible write back without mirroring.
C. Ensure that the owning controller and the working controller of a LUN are the same.
D. Disks that compose a file system are evenly distributed on controllers.

Answer: A,C,D

Question No : 4

Which of the following statements about the VCS services and resources provided by a clustered NAS system are correct? (Select 3 answers)

A. A dependency relationship between service groups can be defined.
B. A dependency relationship between resources can be defined,
C. Each resource corresponds to one agent.
D. Resource dependency relationships can be defined in a cyclic manner.

Answer: A,B,C

Question No : 5

The CIFS sharing of the OceanStor 9000 supports local user authentication and AD domain user authentication.

A. TRUE
B. FALSE

Answer: A

Question No : 6

A customer has purchased an N8500 clustered NAS storage system configured with SATA and NL-5AS disks. In order to strike a balance between RAID reliability and read/write performance, which of the following configuration plans is recommended?

A. 11-disk RAID 5 and one hot spare disk
B. 11-disk RAID 6 and one hot spare disk
C. 4-diskRAID10
D. 9-disk RAID 5

Answer: B

Question No : 7

The flexible space of the OceanStor 9000 is attributed to the scale-out architecture, scalability from 3 to 288 nodes, and support for global namespace.

A. TRUE
B. FALSE

Answer: A

Question No : 8

A NAS storage system is dedicated to storing and managing which of the following data types?

A. Block data
B. File data
C. Object data
D. Consecutive data blocks

Answer: B

Question No : 9

When configuring file systems for the N8500 clustered NAS storage systems, you are advised to configure a file system size not larger than 32 TB and the size of small-file storage applications not larger than 16 TB to achieve satisfactory reliability and data recovery speed. (The small files here refer to the files with an average size of 1 MB.)

A. TRUE
B. FALSE

Answer: B

Question No : 10

You can use the HUAWEI OceanStor Toolkit to perform the operations such as preventive maintenance, information collection, and upgrade for the HUAWEI OceanStor 9000.

A. TRUE
B. FALSE

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Answer: A

Question No : 11

The HUAWEI OceanStor 9000 can be managed using web browsers. If an OceanStor 9000 storage system uses default settings, which of the following entered in the browser address box is correct?

A. https://IP:httpsport/webui
B. http://IP:httpsport/tools
C. http://IP:httpsport
D. https;//IP:httpsport

Answer: A

Question No : 12

Which command is used to monitor the CPU usage in performance optimization of the N8500 clustered NAS storage systems?

A. sar -u 3 3
B. sar -r 3 3
C. sar -n DEV 2 2
D. sar -n CPU 2 2

Answer: A

Question No : 13

The HUAWEI OceanStor Toolkit V100R001 is used for information collection. When importing a service package, you can find the service package in the datacollect folder under toolcases.

A. TRUE
B. FALSE

Answer: A

Question No : 14

Which of the following statements about the InfoQuota feature of the OceanStor 9000 are correct? (Select 3 answers)

A. Quotas can be set based on users,
B. Quotas can be set based on user groups.
C. Quotas can be set for file directories,
D. Quotas can be set for files.

Answer: A,B,C

Question No : 15

Which of the following storage units are used by an N8500 clustered NAS system? (Select 3 answers)

A. S2200T
B. S2600T
C. S5500T
D. S6800T

Answer: B,C,D

Question No : 16

Which of the following statements about CIFS service parameter settings on an OceanStor 9000 storage system is incorrect?

A. When the domain authentication mode is used, local users are not allowed to access CIFS shared directories.
B. When the user authentication mode is used, domain users are not allowed to access CIFS shared directories.
C. If you want users to access CIFS shared directories without entering user names or passwords, enable the guest mode.

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Answer: A

Question No : 17

A customer has purchased a 4-node N8500 clustered NAS storage system. The enterprise-edition engine nodes have two CPUs, 10GE network ports, and 48 GB cache. The performance of an engine node reaches 700 MB/s. The back-end storage uses the S5600T, which is configured with 80 SAS disks divided into eight 9-disk RAID 5 groups. Each RAID group has one hot spare disk. The performance of each SAS disk in the 9-disk RAID 5 groups is 30 MB/s. According to thepreceding information, what is the overall performance of the N8500 without considering other factors?

A. 700 MB/s
B. 2800 MB/s
C. 1920 MB/s
D. 2400 MB/s

Answer: C

Question No : 18

Which of the following are considered when planning the deployment of an N8000 clustered NAS storage system? (Select 3 answers)

A. Evenly distribute service loads among all cluster nodes. Employ port bonding to increase network bandwidths and enhance protection capability.
B. Plan the types of file systems for the storage system based on the performance and data integrity requirements of customers' environments.
C. Plan various RAID groups for the storage system to address the data integrity and read/write performance requirements of different application scenarios.
D. Select operating systems based on application requirements.

Answer: A,B,C

Question No : 19

If an OceanStor 9000 storage system consists of four M nodes and uses 10GE for the

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back-end network, how many IP addresses must be planned for the back-end storage network segment?

A. 8

B. 12

C. 6

D. 10

Answer: B

Question No : 20

In an OceanStor 9000 storage system, hard quotas are set for user A to access the /dir directory. The recommended threshold is 3 GB, the soft threshold is 4 GB, the grace period is 10 days, and the hard threshold is 6 GB. If user A has written 3.1 GB data in the /dir directory, which of thefollowing statements are correct? (Select 2 answers)

A. The system reports an alarm indicating that the threshold is exceeded,

B. User A can continue to write data in the /dir directory.

C. User A can continue to write data in the /dir directory for another 10 days.

D. User A cannot continue to write data in the /dir directory.

Answer: A,B

Question No : 21

Which of the following statements about the system services of the OceanStor 9000 are correct? (Select 2 answers)

A. The MDS service manages the metadata of a file system.

B. The DS service stores file data but not metadata on the storage system.

C. The CMS service manages physical nodes in a cluster.

D. In an OceanStor 9000 storage system, some nodes provide the MDS service and some nodes provide the DS service.

Answer: A,C

Question No : 22

Scale-out is a horizontal expansion architecture that addresses the needs and challenges caused by rapid data growth and complex data changes. The scale-out architecture features distributed processing, online expansion, data sharing, and clustering.

A. TRUE
B. FALSE

Answer: A

Question No : 23

Multiple users access a multimedia VOD application at different bit rates. Which prefetch policy should be selected for the LUNs on the background N8500 clustered NAS storage system?

A. No prefetch
B. Constant prefetch
C. Intelligent prefetch
D. Variable prefetch

Answer: D

Question No : 24

You can check VCS cluster logs by viewing the Engine_A.log file in the /var/VRTSvcs/log directory on an N8500 storage system.

A. TRUE
B. FALSE

Answer: A

Question No : 25

A 2-node N8500 clustered NAS engine is a 4 U enclosure. The heartbeat links between the two nodes are set up based on the internal PCIe channels.

A. TRUE
B. FALSE

Answer: B

Which command is used to check whether a file system is mounted using the support account for N8500 V200R001?

A. cfsmntadm display
B. cfsmountadm display
C. cfsmntadm show
D. cfsmountadm show

Answer: A

Question No : 27

In an N8500 clustered NAS system, the engine enclosures exchange cluster control information over a Fibre Channel heartbeat network.

A. TRUE
B. FALSE

Answer: B

Question No : 28

In an N8500 system, if an engine node is faulty and the other components are in the normal state, the consequences do not include which of the following?

A. The N8500 cannot be managed.
B. LUNs on the storage units become unavailable.
C. Service performance deteriorates.
D. The NFS file sharing service becomes abnormal.