**QUESTION 1**
In Oceanstor 9000, which is wrong about WushanFS global cache technology?

A. The Global Cache in WushanFS logically forms the memory space on all storage servers into an overall memory resource pool
B. The data in the cache of a certain node cannot be hit by the read and write services of other nodes
C. Global cache technology helps to improve node memory resource sharing
D. WushanFS uses distributed locks to implement global cache data management. The same business data is only cached on a certain node. When other nodes need to access the data, they can obtain the cached data by applying for locks.

**Answer:** B

**QUESTION 2**
An enterprise customer plans to purchase Huawei Oceanstor 9000 to meet its 10PB data storage requirements. The customer chooses the C36 node of Oceanstor 9000. The node is equipped with 4T SATA disks, and the nodes use 4+2 distributed RAID storage. Assuming that the system loss (including metadata and system data possession, hard disk loss, etc.) is 10%, theoretically, how many C36 nodes does the customer need to purchase at least to meet their business data storage needs?

A. 119
B. 72
C. 131
D. 107
E. 87

**Answer:** C

**QUESTION 3**
Which of the following statements about the N8500 configuration process is correct?

A. Welcome Wizard-->Confirm Networking-->Select Configuration File-->Configure Storage Unit-->Configure NAS Engine-->Configure Device Location-->Complete Deployment
B. Confirm networking --> Welcome Wizard --> Select Configuration File --> Configure Storage Unit --> Configure NAS Engine --> Configure Device Location --> Complete Deployment
C. Confirm networking --> Welcome Wizard --> Configure storage unit --> Select configuration file --> Configure NAS engine --> Configure device location --> Complete deployment
D. Confirm networking --> Welcome Wizard --> Select Configuration File --> Configure NAS Engine --> Configure Storage Unit --> Configure Device Location --> Complete Deployment

**Answer:** B

**QUESTION 4**
Which of the following is wrong about the CIFS share configuration of Huawei Oceanstor 9000?

A. After Notify is enabled and checked, a client's change operation in a directory cannot be perceived by other clients that are accessing this directory and its parent directory
B. After Oplock (Opportunistic locking) is enabled, the file will be cached locally before being sent to

the shared storage, which will help improve the efficiency of client access
C. After the Guest is enabled and checked, the user does not need to enter the user name and password when accessing the shared directory on the client
D. After the mandatory signature is checked, the client will be forced to use the signature function. If the client is not set to start, Oceanstor 9000 will reject the data access request of the client

**Answer:** A


**QUESTION 5**
Which of the following statements about unpacking and inspection is wrong?

A. If there is a wrong or out of stock when unpacking and inspecting the goods, please fill in the "Cargo Error Feedback Form" and report it to the local office
B. When opening the box for inspection, the engineering supervisor can open the box and check the goods separately
C. If the goods do not match the packing list, the equipment that has been unpacked should be transferred indoors for proper storage

**Answer:** B


**QUESTION 6**
Regarding the performance of hard disks under various types of Huawei Oceanstor 9000 nodes, which one is the correct order from high to low?

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

**Answer:** C


**QUESTION 7**
In the Huawei Oceanstor 9000 system, which client type is not supported by NFS sharing?

A. Host name
B. IP address
C. Network group
D. AD domain

**Answer:** D


**QUESTION 8**
The infoEqualizer function of Huawei Oceanstor 9000 (30) is restricted by the license, including the application of dynamic names, static domain names, and partition functions, and supports scheduling loads in a round-robin manner

A. TRUE
B. FALSE

**Answer:** B

**QUESTION 9**
When accessing the Oceanstor SystemRepoter report tool, you need to enter https://IP:8088 in the browser address: where the IP is the business management IP of the Oceanstor 9001 system.

A. TRUE
B. FALSE

**Answer:** B

**QUESTION 10**
The offline upgrade process of the Huawei Oceanstor 9000 software version will interrupt business operation, and the business interruption time depends on the upgrade execution time

A. TRUE
B. FALSE

**Answer:** A

**QUESTION 11**
Which of the following is not a feature of the Huawei WushanFS file system?

A. Performance and capacity can be expanded independently
B. Fully symmetrical distributed architecture with metadata nodes
C. Metadata is evenly distributed, eliminating the performance bottleneck of metadata nodes
D. Support 40PB single file system

**Answer:** B

**QUESTION 12**
There is a user whose quota type is capacity quota, and the quota method is mandatory quota. The recommended threshold for this user's usage capacity is 3GB, the soft threshold is 4GB, the hardware threshold is 6GB, and the grace period is 10 days. Which of the following options is incorrect?

A. When the storage space used by the user reaches 3GB, the system will not report an alarm, and the user can continue to write
B. When the user's used storage space reaches 5GB, and the storage capacity exceeds 4GB for 11 days, the user will be restricted from writing data
C. When the user's used storage space reaches 4GB, the system will report an alarm, and the data writing will not be restricted within the grace period
D. When the user's used storage space reaches 6GB, the system will prohibit data writing

**Answer:** A

**QUESTION 13**
Which of the following descriptions about Wushan SQL is wrong?

A.  Each node in Wushan SQL shares system resources such as CPU, memory, and storage with each other
B.  In Wushan SQL, business data is scattered on multiple physical nodes, and data analysis tasks are pushed to the nodes where the data resides for execution
C.  Wushan SQL needs to be coordinated through the control module to complete large-scale data processing
D.  All business data in Wushan SQL is redundantly stored in different storage nodes

**Answer:** A


**QUESTION 14**
Between the two nodes of the Huawei N8000 (V200R001) cluster NAS, how many lines of redundancy are there between the heartbeat links?

A.  1
B.  2
C.  3
D.  4

**Answer:** B


**QUESTION 15**
When maintaining the Huawei Oceanstor 9000 system, special personnel are required to keep the root password of the system. Pay attention to encryption when passing the password, and try to avoid passing the password by email.

A.  TRUE
B.  FALSE

**Answer:** A


**QUESTION 16**
Among the node types of Oceanstor 9000, the node that does not need to consider IPMI management networking is the C72 node.

A.  TRUE
B.  FALSE

**Answer:** A


**QUESTION 17**
When a user analyzed his production equipment Oceanstor 9000 with Systemreporter, he found that the CPU utilization rate of some nodes in a certain partition exceeded 80%, but the average CPU utilization rate was about 50%. In addition, he found that the read and write bandwidth of a certain node remained within the performance specification More than 80% of all nodes, and less

than 60% of other nodes. In this scenario, which of the following load balancing strategies is recommended?

A.   Round Robin
B.   By CPU utilization
C.   Throughput by Node
D.   Comprehensive negative results by node

**Answer:** D

**QUESTION 18**
In the Oceanstor 9000 system, if a node is offline for 2 days due to a power module failure and then returns to normal again, if the administrator does not manually restore the data to the node, the system will automatically restore the data that has changed during the offline time. Update to the recovered node.

A.   TRUE
B.   FALSE

**Answer:** A

**QUESTION 19**
The following commands about detecting the network on the switch side, the first description: the display Inter command can be used to view interface statistics and check whether the switch records interface packet loss. The second description: display logbuf, if discarding, pay attention to whether there is a loop in the back-end network.

A.   Both descriptions are correct
B.   The first is true and the second is false
C.   The first is wrong and the second is correct
D.   Both are wrong

**Answer:** A

**QUESTION 20**
Which of the following statements about Oceanstor 9000 maintenance is incorrect?

A.   The system provides an admin (super administrator) account by default, which cannot be deleted
B.   Only super administrators can execute the create system user command to create users
C.   To check the information of all accounts, you can use the command cat /etc/passwd.
D.   ps -ef command to check TCP service/port

**Answer:** D

**QUESTION 21**
Huawei Oceanstor 9000 realizes storage of unstructured data through WushanSQL, and completes data analysis through Fusion Insight.

A.   TRUE

B.  FALSE

**Answer:** B


**QUESTION 22**
In a city, if the Municipal Public Security Bureau needs to regularly archive the video surveillance within the jurisdiction of each police station, in such an application scenario, if the solution provided by Oceanstor 9000VIRC30 is used, which node type should the customer recommend?

A.  P12 node
B.  P24 node
C.  P36 node
D.  P72 node
E.  C36 node

**Answer:** E


**QUESTION 23**
In the Huawei Oceanstor 9000 storage system, when a certain InfoReplicator is in a split state, which of the following statements is incorrect?

A.  Pair split occurs, the possible reason is temporary link abnormality or network bandwidth expansion
B.  At this time, the master-slave relationship of the directories at both ends specified by Pair remains unchanged
C.  When the pair is resynchronized, the difference data that was not copied to the secondary directory due to the split operation of the last synchronization and the synchronized quantity need to be synchronized

**Answer:** C


**QUESTION 24**
In the Huawei Oceanstor 9000 system, if the access storage system nodes of the client are unevenly distributed, after readjusting the partition, it is necessary to uninstall the shared directory on each client and remount it with the assigned domain name.

A.  TRUE
B.  FALSE

**Answer:** A


**QUESTION 25**
When accessing the Linux client of the Huawei Oceanstor9000 cluster, you can adjust the client parameters to improve access performance. Which of the following is wrong?

A.  NFS uses the TCP protocol to send and receive data. Properly increasing the buffer size can speed up the TCP transmission speed.
B.  Enabling jumbo frames can reduce TCP loss and improve performance. The premise is to confirm that all network devices between the Oceanstor 9000 front-end network interface and the client interface must support jumbo frames

C. In order to support jumbo frames, all corresponding Oceanstor 9000 nodes need to be set accordingly
D. Oceanstor9000 supports jumbo frames, and it is necessary to set the MTU of all front-end and back- end business network ports

**Answer:** D

**QUESTION 26**
Regarding the networking of the Huawei Oceanstor 9000 system, which of the following options is correct?

A. Whether it is a front-end business network or a back-end storage network, it is recommended to use two switches to connect all nodes to achieve redundancy
B. Only storage nodes need to be connected to the management network, other devices do not need to be connected to the management network
C. The switches of the front-end business network can be stacked, but the switches of the back-end storage network are not recommended to be stacked
D. To meet management needs, only the first three nodes of the cluster need to be connected to the management network

**Answer:** A

**QUESTION 27**
When Huawei Oceanstor 9000 is used in a large file scenario, we should focus on its OPS.

A. TRUE
B. FALSE

**Answer:** B

**QUESTION 28**
The Oceanstor 9000 big data storage system includes multiple subsystems, which one is used for file storage?

A. WushanFS
B. WushanSQL
C. Fusion Insight Hadoop
D. Management Subsystem

**Answer:** A

**QUESTION 29**
When planning the front-end service network IP address for the C72 node of Huawei Oceanstor 9000, it is necessary to plan 4 static front-end IP addresses for each node.

A. TRUE
B. FALSE

**Answer:** B

**QUESTION 30**
Regarding the switches used in the Huawei Oceanstor 9000 system, which of the following options are correct?

A. The switches configured with the Oceanstor 9000 storage system include CE6810, S5752/S5352, and IS5023.
B. IS5023 switch provides IB access
C. S5700/S5352C switches provide GE access
D. The CE6810 switch provides 10GE/GE access.

**Answer:** D


**QUESTION 31**
If the Huawei N8000 clustered NAS system has 4 engine nodes and each node has 4 service network ports, how many virtual IPs do you need to plan?

A. 15
B. 16
C. 17
D. 18

**Answer:** C


**QUESTION 32**
Which of the following features in Huawei Oceanstor 9000 (C30) does not require the corresponding license to be activated?

A. Automatic tiered storage
B. Quota Management
C. Directory snapshot
D. Round Robin Load Balancing

**Answer:** D


**QUESTION 33**
In Huawei Oceanstor 9000, in order to ensure performance and improve hard disk utilization, it is recommended to set the stripe value according to the expected average file size in a directory. Regarding the stripe settings, which one is wrong?

A. The relationship between redundancy ratio and read/write performance from high to low is: N+1>N+2=N+2: 1>N+3: 1>N+4
B. Only non-empty directories can modify the redundancy ratio
C. The relationship between stripe size and read/write performance is: 512KB>256KB>128KB>16KB
D. The modified stripe size is only effective for the files that have been written, and the existing files before modification still maintain the stripe size before modification

**Answer:** B

**QUESTION 34**
Huawei Oceanstor 9000 alarm notification methods include email notification and SMS notification

A. TRUE
B. FALSE

**Answer:** A


**QUESTION 35**
Huawei Oceanstor 9000 integrates the hard disk resources of all nodes through DFS, and provides a unified namespace to the outside world.

A. TRUE
B. FALSE

**Answer:** A


**QUESTION 36**
Which of the following options does not include the file sharing interface provided by the Huawei Oceanstor 9000 system?

A. Object
B. NFS
C. CIFS
D. FTP

**Answer:** A


**QUESTION 37**
Which of the following descriptions about the cache in Huawei Oceanstor 9000 is wrong?

A. The first-level cache is the read cache of the storage node, and the location of the global cache is in the first-level cache
B. The secondary cache is used to cache the hotspot data of this node. Simultaneously cache the hotspot data of other nodes in the same node
C. The second-level cache is composed of SSD disks. If there is no SSD disk in the node, there is no second-level cache
D. Telegram cache (NVDIMM) is mainly used as a write cache.

**Answer:** B


**QUESTION 38**
Which one is incorrect about the description of Huawei Oceanstor 9000InfoTier features and related concepts?

A. The InfoTier feature corresponds to different file pool policies through different classifications
B. The number of nodes in the node pool is limited, including a minimum of 3 nodes and a maximum

of 20 nodes
C.  The hard disks of all nodes in the node pool form a DiskPool according to the same type
D.  The InfoTier feature corresponds to different file pool policies through different classifications

**Answer:** B


**QUESTION 39**
In the Oceanstor 9000 system, a node pool refers to a collection of nodes with the same characteristics (physical type/access specific energy), and dynamic hierarchical storage allows physical nodes in the same file system to be divided into different node pools.

A.  TRUE
B.  FALSE

**Answer:** A


**QUESTION 40**
At the time of Oceanstor 9000, Huawei adopted a scale-out architecture for the characteristics of big data and used a big data storage platform launched through X86 architecture hardware

A.  TRUE
B.  FALSE

**Answer:** A


**QUESTION 41**
What is the unit that Huawei Oceanstor 9000 provides for CIFS/NFS/FTP sharing?

A.  Contents
B.  Documentation
C.  User
D.  User Groups

**Answer:** A


**QUESTION 42**
In Oceanstor 9000, if a hard disk is offline for 15 minutes, the recovery method of the data on the hard disk is: the system calculates the data on the hard disk and restores the data to other normal hard disks.

A.  True
B.  FALSE

**Answer:** A


**QUESTION 43**
The Huawei Oceanstor 9000 storage system adopts layered security maintenance. Which item does not belong to the application layer security content?

A. Cryptography
B. Authorization and Authentication Mechanisms
C. Use SSH/SFTP method to circumvent insecure network communication
D. Activity log

**Answer:** C


**QUESTION 44**
In the Huawei Oceanstor 9000 software architecture, the distributed object storage layer is based on the distributed file storage layer.

A. TRUE
B. FALSE

**Answer:** B


**QUESTION 45**
A customer uses Huawei Oceanstor 9000 to store its massive files. In order to facilitate sharing among multiple departments, a dedicated directory is created for each department. After running for a period of time, the storage resources become tense. The reason is that some departments overuse the storage space on Oceanstor 9000. Therefore, the customer can limit the use of space by setting quotas on the directories of these departments to ensure other departments can normally use Oceanstor 9000 storage resources

A. TRUE
B. FALSE

**Answer:** B


**QUESTION 46**
The Wushan file system in Oceanstor 9000 adopts the object storage method, but it only uses object storage for data, and does not use object storage for metadata

A. TRUE
B. FALSE

**Answer:** B

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