Vendor: Huawei

Exam Code: H13-624_V5.5

Exam Name: HCIP-Storage V5.5

Version: DEMO

QUESTION 1
A school customer purchased two Huawei OceanStorPacific series storages for daily business deployment. The engineer needs to configure the DPC service on the two storages. Which of the following configurations of the engineer is wrong?

A. If the upper-layer business has high requirements for data security, engineers need to configure the storage pool type as encryption type when creating a fusion storage pool.
B. When creating a namespace, engineers need to select the security mode and application type.
C. Before creating a fusion storage pool, engineers need to enable the file service of the node through DeviceManager before they can proceed with the subsequent creation process.
D. When the storage network is RoCE networking, engineers can use the systemctl stop lIDpad.service command to shut down the lIDpad service.

Answer: C

QUESTION 2
A government customer purchased two Huawei all-flash storages for business deployment. During the use of the storage, engineers found that the storage performance often fluctuated. If the engineer wanted to locate the storage performance fluctuation problem at this time, it would involve many operations.

1- Check whether there are obvious changes in IO model or business load at the fluctuation time point
2- Analyze the latency fluctuation module through the latency location tool FTDS on the storage side
3- Check whether there is an obvious hit rate mutation at the fluctuation time point
4- Check whether there is a very small IO scenario at the fluctuation time point
5- Check whether there is any obvious hardware resource bottleneck on the storage side at the fluctuation time point
6- Check whether there are obvious storage background tasks at the fluctuation time point

I would like to ask, among the above operations, which operations can locate the problem and which operations cannot?

A. 456 can locate the problem, but 123 cannot
B. 123456 can help locate the problem
C. 12 can locate the problem, but 3456 cannot
D. 123 can locate the problem, but 456 cannot

Answer: B

QUESTION 3
A government customer purchased multiple Huawei distributed storage devices to provide DPC file services for upper-layer businesses.
During the DPC service configuration process, engineers need to plan and configure storage switches. Which of the following descriptions of storage switch configuration requirements is wrong?

A. During the configuration process, if the control network does not cross subnets, but there will be cross-subnet expansion operations later, engineers must configure VLAN and flow control, but there is no clear configuration requirement for the control network gateway
B. When the transmission protocol is RoCE, engineers need to configure VLAN and flow control

C. Engineers can form M-LAG with multiple switches, and when the transmission protocol is IB, engineers need to enable subnet management

D. During the configuration process, engineers need to configure the IP address of the switch management network port

Answer: A

QUESTION 4
A financial customer newly purchased several Huawei distributed storages for business deployment, with a total of 6 nodes, including 2 computing nodes and 4 storage nodes, and the business, storage, and management switches were deployed independently.
An engineer needs to plan interfaces for a 25GE switch. Which of the following descriptions about interface planning is wrong?

A. In interface planning, engineers can reserve interfaces. To shut down reserved interfaces, engineers can execute the shutdown command.

B. If engineers want to plan M-LAG interfaces, each switch can use two 100GE interfaces to configure M-LAG.

C. In this scenario, engineers do not need to plan aggregation interfaces, but must plan 8 MGT interfaces to connect to the BMC/management switch.

D. If engineers want to plan node interfaces, each switch can use 4 to 6 25GE interfaces to connect to computing nodes and storage nodes in sequence.

Answer: C

QUESTION 5
An engineer is going to install the hardware of Huawei flash memory devices. Which of the following descriptions about hardware installation is correct?

A. When connecting the flash storage device, the AC power cord needs to be connected to the same independent power supply to ensure line redundancy.

B. If the flash memory device is a low-end flash memory, after removing the cabinet filler panel, the engineer needs to use the installation template to locate the device installation position.

C. If the flash memory device is a high-end flash memory, the engineer needs to connect the cabinet ground wire before connecting the external power cord, and then install the cabinet after the connection is completed.

D. When removing the cabinet filler panel, you need a flat-blade screwdriver and floating nut mounting strip, which are mainly used to remove the 16 screws on the filler panel and remove the filler panel.

Answer: B

QUESTION 6
A financial customer purchased a Huawei flash storage system for business deployment. The engineer configured the HyperCDP feature on the storage system. Now it is necessary to create a scheduled HyperCDP plan. Which of the following configuration commands can achieve this?

A. create hyper cdp Schedule general
B. create is hyper Cdp general
C. change hyoer cdp Schedule enabled
D. add Hyper_cdp_schedule fs

Answer: A

QUESTION 7
When delivering a distributed storage project, Huawei engineers focused on introducing OceanStorPacific's parallel file system service to customers. Which of the following descriptions of this service is wrong?

A. Use fixed-length, large-grained primes to ensure large I/O sequential read and write performance
B. Large I/O can be forwarded to the home node for direct processing, eliminating the distributed lock overhead, thereby significantly reducing the read and write latency of large I/O
C. Small I/Os are aggregated through the cache before being put into disk, which not only achieves ideal latency but also improves the utilization rate of small files.
D. In terms of I/O flow, large I/O is transferred to the disk in a direct manner to improve bandwidth capacity

Answer: B

QUESTION 8
A financial customer purchased several Huawei OceanStor Pacific 9550 storages in the early stage. However, when the engineer configured the basic object service business on the storage, he found that the object service could not be enabled for the storage node. Which of the following reasons can you analyze that is not likely to cause this phenomenon?

A. The NTP clock in the storage cluster is inconsistent with the clock on the client accessing the object service.
B. The cluster is not configured with NTP synchronization and does not use the same NTP time source
C. Engineers manually adjusted the time of cluster nodes, resulting in differences in conflict handling
D. A namespace with the same name is created under the same account

Answer: D

QUESTION 9
When delivering a Huawei flash storage project, an engineer introduced the SAN/NAS integrated architecture to the customer. Which of the following descriptions of the architecture is wrong?

A. In the protocol layer, NFS/CIFS supports DTOE offloading, but iSCSI does not.
B. The software architecture can be divided from top to bottom into: protocol layer, data service layer, cache layer, file and block space management layer, and storage pool layer
C. The protocol layer is responsible for protocol parsing and permission management. SAN and NAS are two sets of semantic logic, so different service entry components are used to deliver and implement them respectively.
D. The space management layer adopts the AA high reliability mode, which can provide reliable data protection capabilities based on the customer's actual business scenarios.

Answer: A

QUESTION 10
An industry customer purchased a Huawei OceanStor Dorado6800 storage system for business

data deployment. To improve data reliability and security, engineers configured the HyperDetect feature on the storage system for data protection.
Which of the following descriptions of the technical characteristics is wrong?

A. This feature can realize intelligent ransomware detection. For known ransomware, it can detect whether the snapshot is infected by ransomware through two types of features: extension name and ransom email.
B. This feature provides the ability to intercept ransomware files. You can update the ransomware file extension by importing the detection model.
C. In the detection of data change behaviors of snapshots before and after, if a snapshot is judged to be suspicious, it is necessary to further extract the full change features of the suspicious snapshot and use machine learning algorithms to detect whether the snapshot is infected by ransomware.
D. This feature can realize real-time ransomware detection, that is, through the combination of rapid screening of abnormal I/O behavior and deep detection of underlying block device damage, detect whether the data is being extorted by ransomware

Answer: B

QUESTION 11
In the existing network environment, Huawei's backup appliance can provide strong data protection capabilities.
Which of the following descriptions of the functional architecture of the all-in-one machine is correct?

A. File system management and protocol access are mainly implemented by the data protection layer
B. The backup appliance can complete application data protection operations without the need for backup agents during data protection.
C. DataEnable Engine is a data enabling module that can provide global retrieval and data desensitization related capabilities
D. Protect Manager is a data flow module, mainly responsible for data processing such as backup, recovery, replication, archiving, and replica mounting.

Answer: C

QUESTION 12
A financial customer purchased several Huawei distributed storage devices for business deployment. In the unstructured service scenario, engineers need to divide the network into multiple planes. Which of the following descriptions of the relevant network plane is wrong?

A. The management internal network is used for data communication between storage nodes and management nodes, including deployment upgrades, resource configuration, performance alarm reporting, certificate key updates, etc.
B. The management network is mainly used for system management and maintenance, and is connected to the customer management network
C. In the file service DPC scenario, the storage backend network can be used to communicate with the computing nodes to process the communication data between the DPC and the OSD
D. The business plane is used to connect with customer application systems and access storage through interfaces such as S3, HDFS, NFS, CIFS, and POSIK

Answer: C

QUESTION 13
A government customer has purchased several Huawei distributed storage devices for subsequent business deployment. Now engineers are required to configure file service services under standard protocol scenarios. Which of the following is not an action that engineers need to complete during the configuration process?

A. Create a fusion storage pool
B. Enable node file service
C. Install DPC
D. Create a namespace

Answer: C

QUESTION 14
An industry customer purchased a Huawei OceanStor Pacific 9950 distributed storage for business deployment. During an inspection, the engineer found that the location indicator of the main memory hard disk module of the device was always yellow. Please analyze the status of the main memory hard disk module at this time?

A. The main memory hard disk module is operating normally
B. The main memory hard disk module is being positioned
C. Main memory hard disk module failure or pre-failure
D. The main memory hard disk module is not powered on

Answer: C

QUESTION 15
A well-known customer in an industry purchased a Huawei OceanStor Pacific distributed storage system for business deployment. The engineer configured NFS file sharing on the storage system, and the sharing protocol is NFSv4. If the engineer wants to switch the user view to the developer view through the command line, which of the following commands can be used to configure it?

A. change user_mode Current_modeuser_mode=developer
B. change nas_1dap advanced_config
C. change domain ad manager Operation-develop
D. change dns general address-develop

Answer: A

QUESTION 16
A financial customer purchased several Huawei OceanStorPacific storages for business deployment. Engineers configured object storage services on the storage system. It is known that there is an AD domain controller in the existing network. Engineers need to add the storage system to the AD domain controller environment. Please analyze which of the following is not a prerequisite that needs to be met before adding the AD domain controller?

A. IDAP domain environment needs to be built
B. Before joining, all storage nodes and the DNS server network are connected
C. The AD domain server and DNS server need to be synchronized with the storage system time

D. TCP ports 88, 389, 445, 464, and 636 need to be opened between the storage system and the AD domain environment.

Answer: A

QUESTION 17
A financial customer purchased a Huawei OceanStor Pacific series distributed storage and used the SmartEqualizer feature. If the customer wants to select the node with the lowest number of file service connections to process client connection requests, what load policy should the administrator configure?

A. By CPU usage
B. By number of node connections
C. By node throughput
D. By file space retention rate

Answer: B

QUESTION 18
A financial customer purchased a Huawei all-flash storage for business deployment. During daily storage use, the administrator found that the performance of the storage had large fluctuations, and then conducted relevant inspections on the performance issues. Which of the following is not a check item that needs to be done for performance fluctuation issues?

A. Check whether there are obvious storage background tasks at the fluctuation time point, such as data reconstruction, etc.
B. Check whether there are any abnormal SmartKit operations during the fluctuation period
C. Check whether there is an obvious hit rate mutation at the fluctuation time point
D. Check whether there are obvious hardware resource bottlenecks on the storage side at the fluctuation time point

Answer: C

QUESTION 19
Which of the following is an impossible cause of this phenomenon?

A. Storage controller temperature is too high
B. LUN Fault page exceeds the limit
C. A reserved port on the storage switch is faulty.
D. Battery failure

Answer: C

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