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NEW QUESTION: 1
You are installing an HCP G10 and are setting up the BIOS.
What are two requirements when configuring in the BIOS? (Choose two.)
A. The BMC IP address, net mask and gateway should be set
B. Fast boot should be enabled
C. PXE should be disabled for all interfaces
D. The OS virtual disk should be selected as boot device
Answer: A,D (LEAVE A REPLY)
When setting up the BIOS for an HCP G10, two key requirements are:
The BMC (Baseboard Management Controller) IP address, net mask, and gateway should be set: This configuration enables remote management and monitoring of the HCP G10 node, allowing administrators to manage the node even when the operating system is not running.
The OS virtual disk should be selected as the boot device: This ensures that the node boots from the correct storage device where the operating system is installed, which is essential for the system to operate correctly.
Hitachi Vantara Content Platform Installation Reference:
Proper configuration in the BIOS is critical for managing and booting the HCP G10 node effectively, as outlined in the installation instructions.

NEW QUESTION: 2
What is required to configure host group security on a new HCP G10 with attached storage?
A. MAC address of the back-end NICs
B. MAC address of the front-end NICs

C. World Wide Port Name
D. World Wide Node Name
Answer: A (LEAVE A REPLY)
To configure host group security on a new HCP G10 with attached storage, the World Wide Port Name (WWPN) is required. The WWPN is a unique identifier for each Fibre Channel port in a storage area network (SAN) environment. It is used to configure access control and define which hosts can communicate with specific storage resources. This setting ensures that only authorized hosts can access the storage, enhancing the overall security of the HCP system. This requirement is documented in the "Hitachi Vantara HCP G10 Storage Configuration Guide."

NEW QUESTION: 3
Which two statements are true about the HCP G10 SSD option? (Choose two.)
A. Two SSD disks are installed at the rear of the server
B. Six SSD disks are installed in the front of the server
C. Software RAID1 is used to mirror the disks
D. Hardware RAID6 is used to ensure fault tolerance.
Answer: (SHOW ANSWER)
For the HCP G10 SSD option:
Two SSD disks are installed at the rear of the server (A): This is correct. The SSDs in the HCP G10 server are typically installed at the rear of the server to provide fast access to critical system data, such as metadata and indexes.
Software RAID1 is used to mirror the disks (C): This statement is also correct. Software RAID1 provides mirroring of the SSD disks, ensuring redundancy and data protection in case of a disk failure. RAID1 is chosen for its simplicity and reliability in providing redundancy without requiring additional hardware. Details can be found in the "HCP G10 Hardware Configuration and Maintenance Guide."

NEW QUESTION: 4
Your customer wants to order an HCP G10 system with 2 PB usable capacity.
Which HCP G10 configuration is the most cost-effective solution for this customer?
A. HCP G10 with local storage and eight S10 nodes
B. HCP G10 with local storage and one S30 node
C. HCP G10 with a VSP G200 and four S10 nodes
D. HCP G10 with a VSP G600
Answer: B (LEAVE A REPLY)
The most cost-effective solution for a customer requiring 2 PB of usable capacity is HCP G10 with local storage and one S30 node (B). This configuration leverages the local storage of the G10 along with the large storage capacity provided by the S30 node, which is optimized for large-scale, cost-effective storage. The S30 node can store a significant amount of data, making it a suitable choice for achieving the required capacity with fewer

nodes, reducing costs. The "HCP G10 and S30 Configuration and Sizing Guide" provides more details on cost-effective configurations for various capacity requirements.

NEW QUESTION: 5
Which two statements are true about encryption for data at rest on an HCP system? (Choose two.)
A. The encryption key is displayed several times during the installation process.
B. SSH connection must be used to enable encryption during the installation process.
C. You must run the install program as root.
D. Once enabled, encryption cannot be disabled.
Answer: (SHOW ANSWER)
You must run the install program as root (C):
To enable encryption for data at rest on an HCP system, the installation program must be executed with root privileges. Running the installation as root ensures that the program has the necessary permissions to configure encryption settings and other critical system operations, such as accessing low-level disk management functions and securing data at rest.
Once enabled, encryption cannot be disabled (D):
In the HCP system, once encryption is enabled for data at rest, it cannot be disabled. This is a security feature designed to ensure that sensitive data remains protected throughout its lifecycle on the platform. Disabling encryption after it has been enabled would pose significant security risks, hence the system is designed to prevent this action to maintain data integrity and security.
Other options, like the encryption key being displayed several times during installation (A) or the use of SSH to enable encryption (B), are not applicable to the HCP installation and encryption process. The encryption key is carefully protected, and SSH is not specifically required for enabling encryption.
Reference:
Hitachi Vantara HCP Installation and Configuration Guide
Hitachi Vantara HCP Security Best Practices Guide

NEW QUESTION: 6
What is the default password to log into the HCP G10 node BIOS?
A. Chang3Me!
B. hosyu95
C. install
D. xDCPr3set!
Answer: (SHOW ANSWER)
For HCP G10 nodes, the default password to access the BIOS is set to hosyu95. This is a standard password used for initial access to the BIOS settings, allowing administrators to configure the basic hardware settings of the HCP node.

BIOS Access:
The BIOS is the first layer of system settings that control how the hardware operates before the system boots into the operating system or the HCP software. Accessing the BIOS is usually necessary during the initial setup or hardware maintenance of HCP nodes.
Security Considerations:
After initial setup, it is highly recommended to change the default BIOS password for security reasons. Using default credentials like "hosyu95" can expose the system to potential unauthorized access if left unchanged.
The default password is documented in the HCP G10 Installation Guides provided by Hitachi Vantara, which emphasizes the importance of securing this access after deployment.
Reference:
Hitachi Vantara HCP G10 Installation and Administration Guide
Hitachi Vantara HCP G10 Security Configuration Best Practices

NEW QUESTION: 7
What does the HCP Data Protection Level setting identify?
A. the number of copies of object metadata to be maintained by the system
B. the RAID type used to store object metadata in the system
C. the RAID type used to store an object in the system
D. the number of copies of an object to be maintained by the system
Answer: (SHOW ANSWER)
The HCP Data Protection Level setting identifies the number of copies of an object that the system maintains. This setting allows administrators to specify how many redundant copies of each object are stored across the system's nodes or storage devices, ensuring data durability and protection against hardware failures. The number of copies can be adjusted to meet the desired level of data protection according to the organization's policy. This is explained in detail in the "HCP System Management and Configuration Guide."

NEW QUESTION: 8
What are two supported speed combinations for the Front-End and Back-End networks of an HCP G11? (Choose two.)
A. Front-End 10 GbE SFP+ and Back-End 1 GbE Base-T
B. Front-End 10 GbE SFP+ and Back-End 10 GbE SFP+
C. Front-End 25 GbE SFP+ and Back-End 10 GbE SFP+
D. Front-End 40 GbE SFP+ and Back-End 10 GbE SFP+
Answer: B,C (LEAVE A REPLY)
The two supported speed combinations for the Front-End and Back-End networks of an HCP G11 are:

Front-End 10 GbE SFP+ and Back-End 10 GbE SFP+: This combination is suitable for environments requiring high-speed connectivity on both the front-end (client-facing) and back-end (internal HCP operations).
Front-End 25 GbE SFP+ and Back-End 10 GbE SFP+: This combination provides even faster front-end connectivity while maintaining robust back-end performance, accommodating scenarios where higher bandwidth is needed for external client access or data transfer.
Hitachi Vantara Content Platform Installation Reference:
The speed combinations align with the network capabilities and configurations supported by the HCP G11 platform, providing flexibility to match organizational needs for both front-end and back-end traffic requirements.

NEW QUESTION: 9
After adding new nodes to an HCP G10 system, which two actions should be performed? (Choose two.)
A. Upgrade the new nodes software
B. Run the capacity balancing service
C. Adjust the region count
D. Reboot all the new nodes
Answer: A,B (LEAVE A REPLY)
After adding new nodes to an HCP G10 system, the following actions should be performed:
Upgrade the new nodes' software: Ensuring that the newly added nodes are running the same software version as the existing nodes is essential for compatibility and stability within the cluster.
Run the capacity balancing service: This service redistributes data across all nodes in the cluster to ensure balanced storage utilization and optimal performance, especially after the addition of new nodes.
Hitachi Vantara Content Platform Installation Reference:
These steps are necessary to maintain consistency, stability, and efficient use of resources within the HCP system after scaling up by adding new nodes.

NEW QUESTION: 10
What is the maximum number of drives supported in one HCP S10 enclosure?
A. 24
B. 30
C. 60
D. 128
Answer: C (LEAVE A REPLY)
The maximum number of drives supported in one HCP S10 enclosure is 60. The S10 enclosure is designed to accommodate a large number of drives to provide significant

storage capacity in a relatively compact form factor. This drive density is essential for scaling storage in environments that require large data volumes. This configuration is detailed in the "HCP S10 Hardware Configuration Guide," which outlines the specifications and capacities of the S10 enclosures.

NEW QUESTION: 11
Which two VMware deployment packages are supported by HCP systems running v7.2 or later? (Choose two.)
A. HCP VMware edition
B. HCP VMware edition with S10 VM
C. HCP VMware evaluation edition
D. HCP VMware with SAN option
Answer: A,C (LEAVE A REPLY)
For HCP systems running version 7.2 or later, the supported VMware deployment packages are:
HCP VMware edition: This is a full-featured deployment package designed for use in production environments. It provides all the necessary components for running HCP in a VMware virtualized environment.
HCP VMware evaluation edition: This is a version meant for evaluation purposes, allowing potential users or administrators to test and familiarize themselves with HCP's capabilities in a non-production environment.
Hitachi Vantara Content Platform Installation Reference:
Both the "VMware edition" and "evaluation edition" are designed to be compatible with HCP version 7.2 or later, with the former being a fully supported production deployment package, while the latter is for trial or evaluation.

NEW QUESTION: 12
How is the software update package uploaded to an HCP S10?
A. using BMC
B. using an SFTP connection
C. using an SSH connection
D. using the Management Console
Answer: (SHOW ANSWER)
To upload a software update package to an HCP S10, an SFTP (Secure File Transfer Protocol) connection is used. SFTP provides a secure way to transfer files between the administrator's machine and the HCP S10 system. This method ensures that the package is securely transmitted and prevents unauthorized access during the upload process.
Hitachi Vantara Content Platform Installation Reference:
The HCP S10 system requires secure methods for software updates, and SFTP is the recommended protocol for its ability to provide encryption and secure file transfer.

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