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Question 1

Question Type: MultipleChoice

After adding new nodes to an HCP G10 system, which two actions should be performed? (Choose two.)

Options:

- 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

Explanation:

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.

Question 2

Question Type: MultipleChoice

You are installing an HCP G10 with attached storage. A VSP G1000 is used to provision the storage and is used by several applications.

Which action should be performed?

Options:

- A- Shutdown the applications that use the VSP G1000
- B- Enable shared storage optimization in the System Management Console
- C- Enable the shared storage option on the G10 HBA
- D- Specify that shared storage is used when prompted by the installation program

Answer:

D

Explanation:

When installing an HCP G10 with attached storage using a VSP G1000, which is also used by several other applications, it is crucial to configure the system properly to allow shared storage use. The installation program for HCP G10 has a prompt that allows you to specify that shared storage is being used. By selecting this option, the system is informed that the VSP G1000 storage resources are shared among multiple applications, allowing for proper configuration and optimization to prevent any disruptions or conflicts. This ensures that HCP uses the storage without impacting other applications relying on the same storage system.

Hitachi Vantara Content Platform Installation Reference:

When setting up an HCP G10, especially in environments with shared storage configurations like the VSP G1000, the installation wizard will prompt for shared storage settings to ensure compatibility and optimal configuration.

Question 3

Question Type: MultipleChoice

You are installing a HCP G10 with attached storage. The system will be networked using four 10 GbE SFP+ interfaces.

How many PCIe cards are installed in each HCP G10 node?

Options:

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

Answer:

B

Explanation:

Each HCP G10 node with attached storage and networked using four 10 GbE SFP+ interfaces requires two PCIe cards. Typically, one PCIe card is allocated for network connectivity, while the other is used for storage connectivity. The cards need to support the necessary number of network interfaces and any additional connections required for attached storage. The specific configuration depends on the HCP model, but generally, two PCIe cards are sufficient to handle both networking and storage interfaces as described in the 'HCP G10 Hardware Installation Guide.'

Question 4

Question Type: MultipleChoice

What is the default password for logging into the S10 or the S30 management console?

Options:

- A- RAID level and Virtual Disks will be created automatically
- B- chang3me!
- C- Start123!
- D- Manager

Answer:

A

Explanation:

The default password for logging into the S10 or the S30 management console is 'Chang3Me!'. This default password is provided to ensure initial access to the management console, but it is

strongly recommended to change this password immediately upon first login to maintain system security. Information regarding default credentials can be found in the 'Hitachi Vantara HCP S10 and S30 Management Console User Guide.'

Question 5

Question Type: MultipleChoice

What is the maximum number of drives supported in one HCP S10 enclosure?

Options:

- A- 24
- B- 30
- C- 60
- D- 128

Answer:

C

Explanation:

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.

Question 6

Question Type: MultipleChoice

You are installing an HCP G10 and are now setting the front-end connectivity. The customer has provided you with IP addresses for their network for each node.

Which two actions should be performed on each node as part of the OS installation? (Choose two.)

Options:

- A- Set the BMC IP address
- B- Set the NTP IP address(es)
- C- Set the front-end IP address
- D- Set the gateway IP address

Answer:

A, C

Explanation:

When installing an HCP G10 and setting up front-end connectivity, two critical actions must be performed on each node:

Set the BMC IP Address (A): The Baseboard Management Controller (BMC) IP address must be set to allow for remote management and monitoring of each node. This is crucial for out-of-band management, especially in large data center environments where physical access to servers may be limited. Configuring the BMC IP address is typically done during the initial setup of the operating system on the HCP node.

Set the Front-End IP Address (C): The front-end IP address, which is used for client network traffic, must be configured as provided by the customer. This IP address allows each node to communicate with the client network, and it is a key part of the configuration during OS installation.

These configurations are detailed in the 'HCP G10 Network Configuration Guide' and the 'HCP G10 Installation and Configuration Manual,' which provide step-by-step procedures for setting up both the BMC and front-end IP addresses.

Question 7

Question Type: MultipleChoice

What is the default password to log into the HCP G10 node BIOS?

Options:

- A- Chang3Me!
- B- hosyu95
- C- install

D- xDCPr3set!

Answer:

B

Explanation:

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.

Hitachi Vantara HCP G10 Installation and Administration Guide

Hitachi Vantara HCP G10 Security Configuration Best Practices

Question 8

Question Type: MultipleChoice

What are two supported speed combinations for the Front-End and Back-End networks of an HCP G11? (Choose two.)

Options:

- 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

Explanation:

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.



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