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## **Q&A**

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**Exam : HPE0-S59**

**Title : HPE Compute Solutions**

**Version : DEMO**

1.A logical interconnect group can span on multiple HPE Synergy frames for which interconnect type?

- A. Brocade 32GB Fibre Channel Switch Module for HPE Synergy
- B. HPE virtual Connect SE 32 Gb FC Module for Synergy
- C. HPE Virtual Connect SE 100 Gb F32 Module tor Synergy
- D. HPE Synergy 12 Gb SAS Connection Module

**Answer: C**

**Explanation:**

A logical interconnect group in HPE Synergy is used to define a consistent network configuration across multiple frames. The HPE Virtual Connect SE 100 Gb F32 Module for Synergy allows for logical interconnect groups to span across multiple frames. This is because the 100 Gb module supports high-speed connectivity and the necessary infrastructure to maintain consistent network configurations over multiple frames, which is essential for scalable and flexible Synergy environments.

Reference: HPE Synergy Logical Interconnect Groups

2.Which HPE Virtual Connect feature allows an administrator to suppress excessive inbound multicast broadcast and destination lookup failure (OLF) packets?

- A. Pause flood protection
- B. Loop protection
- C. LLDP tagging
- D. Storm control

**Answer: D**

**Explanation:**

Storm control is a feature in HPE Virtual Connect that allows administrators to suppress excessive inbound multicast, broadcast, and destination lookup failure (DLF) packets. This feature helps to mitigate the negative impact of network storms, which can degrade network performance and availability. By configuring storm control, administrators can set thresholds to limit the rate of such packets entering the network, ensuring a stable and reliable network environment.

Reference: HPE Virtual Connect Networking Features

3.Which statement about a new HPE SimpliVity deployment is true?

- A. New HPE SimpliVity deployments give customer flexible choice of hypervisor
- B. All new HPE SimpliVity models are based on AMD CPUs
- C. All new HPE SimpliVity models support deduplication and compression
- D. New HPE SimpliVity deployments are licensed per node not per physical socket

**Answer: A**

**Explanation:**

All new HPE SimpliVity models are designed with integrated deduplication, compression, and optimization capabilities. These features are fundamental to the HPE SimpliVity architecture, providing enhanced storage efficiency and performance. Deduplication and compression reduce the amount of data stored and transmitted, which improves the overall efficiency of data management in the hyper-converged infrastructure.

Reference: HPE SimpliVity Data Virtualization Platform

4.You configured a vVol datastore using HPE Storage integration Pack for VMware vCenter.

Which storage object should you check using SSMC to verify whether vVol datastore is configured property?

- A. App Volume Set
- B. Storage Container
- C. Virtual Volume Set
- D. virtual Volume

**Answer: B**

**Explanation:**

When you configure a vVol datastore using the HPE Storage Integration Pack for VMware vCenter, the storage object to check in SSMC (HPE StoreServ Management Console) is the Storage Container. The Storage Container is a logical storage entity that houses virtual volumes (vVols) and represents the vVol datastore in the storage system. Verifying the Storage Container ensures that the vVol datastore is properly configured and managed.

Reference: HPE 3PAR StoreServ Storage Concepts Guide

5.Which statement about login redistribution is true?

- A. Login redistribution is available only If HPE Primera or HPE Alletra is connected directly to the HPE Synergy frame
- B. Login redistribution is a licensed feature and the number of licenses required depends on the number of active ports
- C. Login redistribution is supported only on the HPE Synergy Virtual Connect SE 32Gb FC Modules
- D. Login redistribution is used for login balancing when they are not distributed evenly over the FC links

**Answer: C**

**Explanation:**

Login redistribution is a feature that ensures logins are balanced across available FC (Fibre Channel) links. This process helps maintain optimal performance and redundancy by redistributing logins if they are not evenly distributed. This feature is essential in environments where maintaining balanced load distribution is critical for performance and reliability.

Reference: HPE Primera and Alletra 6000 Storage Guides