# HP

## Exam HP0-S29

## Planning and Designing ProLiant Solutions for the Enterprise

**Version: 6.4**

**[ Total Questions:   156 ]**

## Question No : 1  - (Topic 0)

When you are configuring SNMP, what information must you provide to enable the managed system to send alerts to the Central Management Server (CMS)? (Select two.)

**A.** community name
**B.** community membership
**C.** trap origin
**D.** trap severity
**E.** trap destination

**Answer: A,E**

## Question No : 2  - (Topic 0)

Which authorization does HP Systems Insight Manager (HP SIM) use to execute CLI commands?

**A.** Administrator group
**B.** logged-in user
**C.** Operator group
**D.** User group

**Answer: B**

## Question No : 3  - (Topic 0)

Your customer is interested in using a full-size, standard PCIe graphics adapter with a ProLiant WS460c G6 Blade Workstation. Which other component must your customer install to use this graphics adapter?

**A.** FX 5800 SFF mezzanine card
**B.** Graphics Expansion Blade
**C.** Microsoft Remote Desktop Protocol (RDP)
**D.** Scaleable BladeLink hardware assembly

**Answer: B**

**Question No : 4  - (Topic 0)**

What is used by HP integrated Lights-Out 2 (iLO 2) to improve security? (Select two.)

**A.** Secure IPv6
**B.** Secure Virtual Password Store
**C.** Secure Shell (SSH)
**D.** Secure Task Execution (STE)
**E.** Secure Sockets Layer (SSL)

**Answer: C,E**

**Question No : 5  - (Topic 0)**

Which statements correctly describe HP FlexNIC technology? (Select two.)

**A.** FlexNIC is a virtual NIC contained in a software layer.
**B.** The bandwidth of each FlexNIC can be set from 100Mb to 10Gb, in increments of 100Mb.
**C.** FlexNICs are available as single-port LAN-on-Motherboard devices on select ProLiant and Integrity server blades.
**D.** FlexNICs enable dynamic MAC and WWN addresses to be assigned without changing production LAN and SAN parameters.
**E.** Up to four FlexNICs are supported per physical server 10Gb NIC port.

**Answer: B,E**

**Question No : 6  - (Topic 0)**

What are the benefits of HP Virtual Connect technology? (Select two.)

**A.** It supports Ethernet, Fibre Channel, and InfiniBand technologies.
**B.** It supports Ethernet, Fibre Channel, and SAS technologies.
**C.** It allows server replacement and upgrades without showing any change to the LAN or SAN.
**D.** It does not use any of the interconnect bays in a BladeSystem enclosure.
**E.** It improves the productivity of LAN, SAN, and server administrators.

**Answer: C,E**

---

## Question No : 7  - (Topic 0)

What characteristics meet the virtualization requirement of the HP Converged Infrastructure? (Select two.)

**A.** separation of the applications, data, and network connections from the underlying hardware
**B.** operating environment automation of high-availability policies that meet service level agreements (SLAs)
**C.** definition and support of policies and service levels through automated workflows, provisioning, and change management
**D.** easier and faster reallocation of resources to match the changing performance and capacity needs of applications
**E.** ability to adapt to a variety of demands to meet requirements for performance, resiliency, and overall efficiency

**Answer: A,D**

## Question No : 8  - (Topic 0)

Which statement about HP Version Control Repository Manager (VCRM) is true?

**A.** It uses a web-based interface that displays data from HP web agents.
**B.** It is installed by default on the HP SIM CMS.
**C.** It must be manually downloaded from the HP website.
**D.** It is designed to be used in a one-to-one configuration with a Version Control Agent installed.

**Answer: B**

## Question No : 9  - (Topic 0)

Which 1U HP StorageWorks enclosure supports a maximum of 10 small form factor (SFF) Serial Attached SCSI (SAS) disk drives?

**A.** StorageWorks MSA50

**B.** StorageWorks MSA60
**C.** StorageWorks MSA70
**D.** StorageWorks MSA2000fc G2

**Answer: A**                                                                    5

---

### Question No : 10  - (Topic 0)

Which limitations apply to the HP StorageWorks IO Accelerator for BladeSystem c-Class?
(Select two.)

**A.** requires a 64-bit host operating system
**B.** can have only one IO Accelerator per server blade
**C.** must be installed in full-height server blades only
**D.** must be installed in ProLiant server blades only
**E.** must be installed in Type I mezzanine slots only

**Answer: A,D**

---

### Question No : 11  - (Topic 0)

What is the maximum number of SAN switches that can be installed in a BladeSystem
c7000 enclosure?

**A.** 2
**B.** 4
**C.** 6
**D.** 8

**Answer: C**

---

### Question No : 12  - (Topic 0)

What are three features of the HP StorageWorks 2000fc G2 Modular Smart Array? (Select
three.)

**A.** heterogeneous and concurrent operating system support for Windows and Linux only

---

**B.** 4U rack-mount form factor
**C.** simultaneous support for SAS and SATA drives within the same enclosure
**D.** support for single or dual array controllers
**E.** RAID 6 support only with dual controllers and SAS drives
**F.** support for 12 large form factor (LFF) or 24 small form factor (SFF) drives

**Answer: C,D,F**

## Question No : 13 - (Topic 0)

Which HP product enables you to implement hardware RAID 5 across direct attached storage (DAS) in an HP BladeSystem solution?

**A.** ProLiant BL495c server blade
**B.** ProLiant BL685c server blade
**C.** StorageWorks SB40c storage blade
**D.** StorageWorks IO Accelerator

**Answer: C**

## Question No : 14 - (Topic 0)

What is the limitation of the HP StorageWorks SB40c Storage Blade?

**A.** It does not support mixing Serial ATA (SATA) and Serial Attached SCSI (SAS) drives.
**B.** It does not support hardware RAID 5.
**C.** It does not support multiple server blades directly connected.
**D.** It does not support battery-backed write cache (BBWC).

**Answer: C**

## Question No : 15 - (Topic 0)

Which statement correctly explains a function of an HP P4000 VSA server blade solution?

**A.** It enables virtualization of the EVA 4x00 storage solutions connected to the server blades within a BladeSystem enclosure.

**B.** It converts an SB40c storage blade into an iSCSI SAN inside a BladeSystem enclosure.
**C.** It uses Microsoft Hyper-V virtualization technology to enable virtualization of the SB40c storage blades in a BladeSystem enclosure.
**D.** It enables server blades within a BladeSystem enclosure to share an SB40c storage blade by using the PCI Express bus on the enclosure midplane.

**Answer: B**

## Question No : 16  - (Topic 0)

To which interconnect bays on the back of a BladeSystem c7000 Enclosure is mezzanine slot 1 of a BladeSystem c-Class server blade routed?

**A.** 1 and 2
**B.** 3 and 4
**C.** 5 and 6
**D.** 7 and 8

**Answer: B**

## Question No : 17  - (Topic 0)

What is included in a correctly prepared scope of work? (Select three.)

**A.** legal and financial provisions
**B.** description of the current environment
**C.** list of the required resources
**D.** final project review prepared for billing
**E.** details of the work activities to be performed
**F.** agreed-upon change management procedures

**Answer: B,C,E**

## Question No : 18  - (Topic 0)

What is one advantage of the direct integration between the System Management Homepage (SMH) and the relevant Insight Management Agents and operating system?

**A.** provides real-time access to set the thresholds for disk, processor, and memory utilization

**B.** enables enterprise-wide management of HP firmware on ProLiant and Integrity systems

**C.** simplifies firmware deployment for ProLiant and Integrity servers on Windows and Linux platforms

**D.** facilitates disaster recovery capabilities in ProLiant server environments

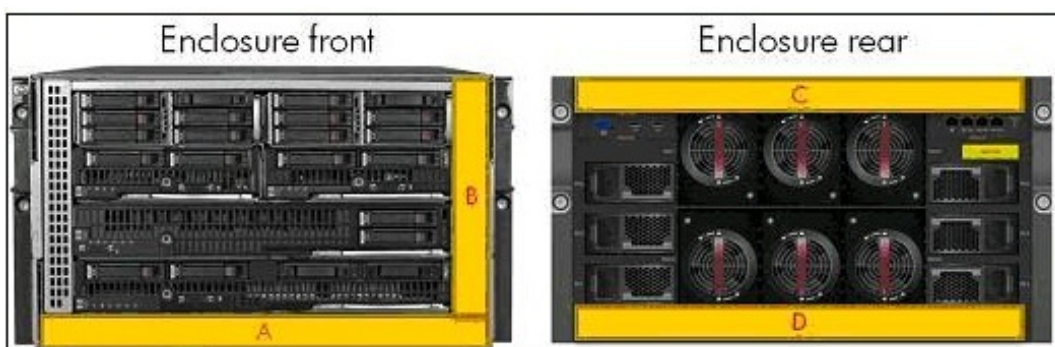**Answer: A**

---

**Question No : 19  - (Topic 0)**

Which HP tool integrates with the HP System Management Homepage to enable network administrators to maintain detailed server inventory and track historical configuration changes?

**A.** Insight Diagnostics Online

**B.** Version Control Agents

**C.** Array Configuration Utility

**D.** Open Services Event Manager

**Answer: A**

---

**Question No : 20  - (Topic 0)**

Click the Exhibit button.



Which label corresponds to the location where the BladeSystem c3000 Onboard Administrator tray is installed?

**A.** A

**B.** B

**C.** C
**D.** D

**Answer: A**

---

### Question No : 21  - (Topic 0)

When two Onboard Administrator modules with identical firmware are installed in a BladeSystem c7000 Enclosure, which statements are true? (Select two.)

**A.** The Onboard Administrator module on the left is always the active module.
**B.** The Onboard Administrator module on the right is always the active module.
**C.** Either Onboard Administrator module can be the active module.
**D.** For proper configuration replication between these two Onboard Administrator modules, a trust relationship must be established in the Onboard Administrator GUI.
**E.** Configuration data is constantly replicated from the active Onboard Administrator module to the standby Onboard Administrator module.

**Answer: C,E**

---

### Question No : 22  - (Topic 0)

What is an advantage of using storage virtualization compared to traditional RAID?

**A.** greater system redundancy due to same drive capacity and speed
**B.** improved availability level in the environment
**C.** increased data protection because the physical distribution of data is displayed at all times
**D.** shortened time of maintenance shutdown in order to expand the drive capacity

**Answer: B**

---

### Question No : 23  - (Topic 0)

Which storage solution supports virtualization and consists of shared network infrastructure components, external storage devices, and value-added software?

---

9

**A.** direct-attached storage (DAS)
**B.** network-attached storage (NAS)
**C.** storage area network (SAN)
**D.** Fibre Channel arbitrated loop (FC-AL)

**Answer: C**

---

**Question No : 24  - (Topic 0)**

What is required to integrate HP SIM with Oracle on a Windows-based central management server (CMS)?

**A.** Configure HP SIM to use Windows authentication with Oracle.
**B.** Create a dedicated database user account for HP SIM to use when connecting to Oracle.
**C.** Use the CLI to change the default password generated by HP SIM during installation.
**D.** Enable discrete transactions within Oracle.

**Answer: B**

---

**Question No : 25  - (Topic 0)**

What happens to newly found, automatically discovered systems before they are added to the HP Systems Insight Manager (HP SIM) database?

**A.** Configured discovery filters are applied.
**B.** Pre-defined tasks are automatically executed.
**C.** Associations are made.
**D.** Management agents are immediately upgraded.

**Answer: A**

---

**Question No : 26  - (Topic 0)**

Which features are included with the HP Modular Cooling System? (Select three.)

**A.** hot-swappable components