

HP

Exam HP0-D12

Planning and Designing HP Converged Infrastructure Solutions

Version: 6.1

[Total Questions: 128]

Topic 1, Volume A**Question No : 1 - (Topic 1)**

With Insight Control server deployment, by default, which identifiers are included by default as part of the displayed name for a newly discovered server blade? (Select three.)

- A. bay number
- B. enclosure name
- C. Onboard Administrator name
- D. server asset tag
- E. rack name
- F. server serial number

Answer: A,B,E

Question No : 2 - (Topic 1)

What does the Matrix Starter Kit include that the Matrix Expansion Kit does not?

- A. BladeSystem c7000 enclosure with fully redundant power supplies, fans, and Onboard Administrator
- B. HP 10000 G2 series rack (and rack and power options)
- C. redundant Virtual Connect Flex-10 Ethernet and 8Gb Fibre Channel interconnects
- D. Insight Dynamics, Insight Control, and VCEM

Answer: B

Question No : 3 - (Topic 1)

What are two advantages of installing HP Insight Control for VMware vCenter Server? (Select two.)

- A. provides an in-context launch of HP SIM
- B. the ability to reboot host servers in different clusters
- C. additional tabs for Insight Control and Insight Dynamics information related to VMware vCenter
- D. access to view health and status information from iLOs and the Onboard Administrator

E. direct links to open Capacity Advisor reports

Answer: A,D

Question No : 4 - (Topic 1)

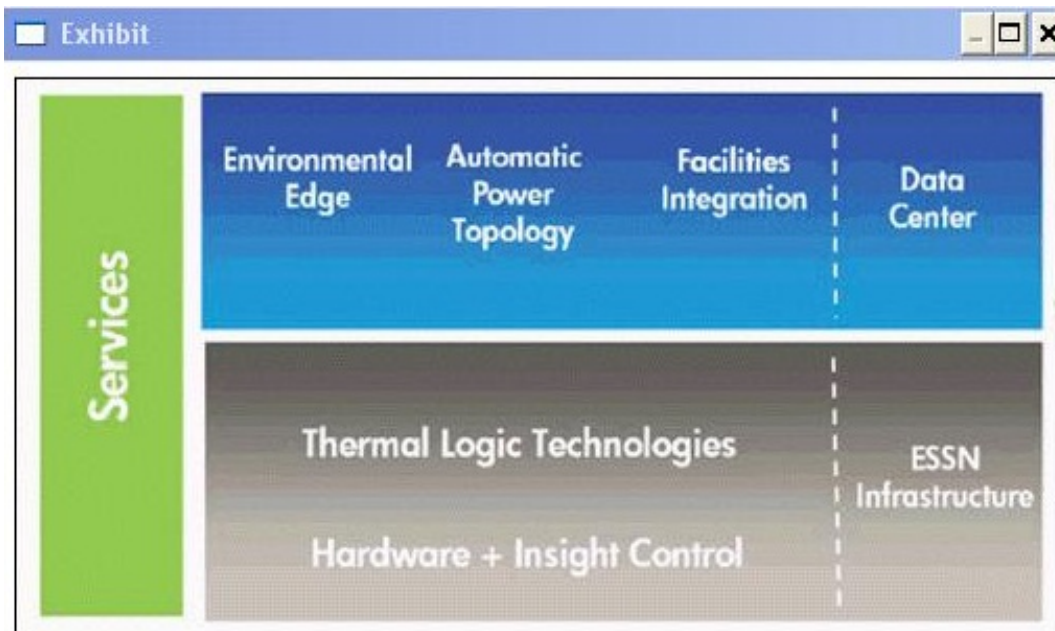
Which links within the Server Management area under the HP Insight Software tab in VMware vCenter enable you to launch HP interfaces in new browsers? (Select two.)

- A. Onboard Administrator
- B. Insight Dynamics for ProLiant
- C. Insight Control
- D. Integrated Lights-Out
- E. Baseboard Management Controller

Answer: A,D

Question No : 5 - (Topic 1)

Click the Exhibit button.



The component technologies of which aspect of the HP Converged Infrastructure are illustrated in the exhibit?

- A. Infrastructure Operating Environment
- B. FlexFabric
- C. Data Center Smart Grid
- D. virtual resource pools

Answer: C

Question No : 6 - (Topic 1)

Your customer is concerned about power service interruptions but is unable to invest in the power infrastructure at this time. Which questions should you ask your customer to consider? (Select two.)

- A. How can load be reduced?
- B. How can capacity be reclaimed?
- C. How can failover clusters be implemented?
- D. How can peak workloads be balanced more effectively?
- E. How can redundancy be extended throughout the data center?

Answer: A,B

Question No : 7 - (Topic 1)

With Insight Control, you can generate a report that enables you to determine the overall performance status of a system. Which three values should you reference on this report for this information? (Select three.)

- A. Accessible Duration of Server
- B. Average CPU Utilization
- C. Inaccessible Duration of Server
- D. %Major
- E. %Minor
- F. %Normal

Answer: D,E,F

Question No : 8 - (Topic 1)

Which functionality is provided by Insight Control server migration?

- A. It supports migrations to third-party x86 servers running a supported operating system.
- B. It uses a Migration Wizard to upgrade to an Integrity or ProLiant server blade target.
- C. It automates migration from legacy servers to virtual servers.
- D. It manages the process of deploying a server from bare metal.

Answer: C

Question No : 9 - (Topic 1)

Which tools are included on the Insight Foundation Management DVD? (Select two.)

- A. Firmware Maintenance
- B. ProLiant Support Packs
- C. SmartStart
- D. Systems Insight Manager
- E. System Management Homepage

Answer: D,E

Question No : 10 - (Topic 1)

How is Insight Control licensed for ProLiant servers?

- A. per core
- B. per server
- C. per migration
- D. per virtual machine host

Answer: B

Question No : 11 - (Topic 1)

Which statements are true regarding Insight Control virtual machine management? (Select two.)

- A. It disables use of drag-and-drop functionality to relocate virtual machines.
- B. Virtual machines can be purchased and delivered as "chunks" of capacity.
- C. It proactively relocates virtual machines before hardware failures occur.
- D. It enables the safe and orderly shutdown of VMware ESX hosts.
- E. It includes expanded support for virtual storage replication.

Answer: C,D

Question No : 12 - (Topic 1)

Which statement is true regarding virtual machine management with Insight Control?

- A. Physical and virtual servers can be moved using a GUI-initiated drag and drop or a CLI.
- B. Integration with HP SIM enables you to move virtual machines based on predictive hardware alerts.
- C. A separate license is required to manage performance of Integrity virtual machines.
- D. Virtual machines can be load balanced across a cluster automatically.

Answer: D

Question No : 13 - (Topic 1)

How is Insight Control power management different from power management applications available from major HP competitors?

- A. It does not require p-state-capable hardware.
- B. It supports legacy versions of HP-UX.
- C. It displays monetary power management savings.
- D. It enables you to power servers on and off remotely.

Answer: C

Question No : 14 - (Topic 1)

Which benefit is provided by Insight Control for Linux 6?

- A. Virtual Media support on iLO-based servers without PXE and DHCP

- B. scaling enhancements for enterprise data center operation with more than 5,000 physical nodes
- C. deployment support for a Windows-based ProLiant central management server (CMS)
- D. virtual machine management support on community-supported Linux distributions, including Debian and Ubuntu

Answer: A

Question No : 15 - (Topic 1)

Which statement is true about the server migration functionality of Insight Control?

- A. Virtual machines for V2P migrations must reside on a VMware host.
- B. Virtual machines for V2V migrations require a separate license per virtual machine.
- C. Source and target servers can be Integrity or ProLiant servers or virtual machines.
- D. Physical server migration requires a Windows iSCSI Initiator.

Answer: D

Question No : 16 DRAG DROP - (Topic 1)

Click the Task button. Match the product package with the term that describes its position within the modular HP Insight software portfolio.

Drag and drop the boxes.

Match the product package with the term that describes its position within the modular HP Insight software portfolio.

Software package	Positioning
Insight Control	Advanced
Insight Dynamics	Built-in
Insight Foundation	Essential

Done

Answer:

Drag and drop the boxes.

Match the product package with the term that describes its position within the modular HP Insight software portfolio.

Software package	Positioning
Advanced	Advanced
Built-in	Built-in
Essential	Essential

Done

Question No : 17 - (Topic 1)

Your customer is not fully ready for BladeSystem Matrix, but is interested in unified management of their physical and virtual environments. Which products should you recommend for this customer instead of Matrix?

- A. Insight Control and Virtual Connect Enterprise Manager
- B. Insight Dynamics and Virtual Connect Enterprise Manager
- C. Insight Control and Virtual Connect Manager
- D. Insight Dynamics and Virtual Machine Management

Answer: B

Question No : 18 - (Topic 1)

Industry analysts report that businesses are scaling back the research and development efforts that lead to innovation. What are two reasons cited as the cause of this trend? (Select two.)

- A. aversion to risks while marketing new technology
- B. cost of lost time, effort, and opportunity
- C. lack of trained personnel
- D. unpredictable business cycles
- E. limited access to capital investors

Answer: B,D

Question No : 19 - (Topic 1)

Provisioning a new application infrastructure can often take weeks or months to complete. What is one typical reason that the process can become so complicated?

- A. Complying with government regulations causes lengthy delays.
- B. Built-to-order servers, storage, and networking devices require long lead times.
- C. Ordering the necessary components requires complex paperwork.
- D. Lack of standardization hinders automation and governance.

Answer: D

Question No : 20 - (Topic 1)

At what point would a customer environment need to be split into two separate HP SIM managed groups with two central management servers?

- A. 50 physical servers
- B. 50 virtual machines
- C. 1,000 managed components including iLOs
- D. 5,000 physical servers and virtual machines

Answer: D

Question No : 21 - (Topic 1)

What are three components of HP Insight Foundation? (Select three.)

- A. System Management Homepage

- B. Insight Control
- C. Insight Dynamics
- D. ProLiant Support Packs (PSPs)
- E. SmartStart
- F. Virtual Control Enterprise Management (VCEM)

Answer: A,D,E

Question No : 22 - (Topic 1)

Which benefits can customers realize through the HP Data Center Environmental Edge?
(Select two.)

- A. Computational Fluid Dynamics (CFD) Analysis.
- B. Increase data center power and cooling capacity up to 25%.
- C. Identify where capacity and cost gains can be made.
- D. Discover energy usage and trends in real-time.
- E. Analyze the company's total energy picture.

Answer: B,D

Question No : 23 - (Topic 1)

What is one of the problems caused by using faceplate power ratings when allocating circuit capacity?

- A. Faceplate power can overwhelm the system, reducing the life of the equipment.
- B. Significant capacity can be squandered, because the faceplate amount of power is rarely necessary.
- C. Using faceplate ratings can result in service interruptions because of insufficient power to the system.
- D. Providing power according to the faceplate ratings typically requires bringing additional circuits to the facility.

Answer: B

Question No : 24 - (Topic 1)