Vendor: HP

Exam Code: HP2-T24

Exam Name: Technical Introduction to the HP Server Portfolio

Version: Demo

QUESTION 1
You are preparing a solution proposal to address specific enterprise customer requirements and want to present the solution benefits in terms of a business value proposition. Which value statements are best to focus on? (Select two.)

A. Improved access to information
B. Accelerated product launches and time to market
C. Better server utilization
D. Reduced reliance on service level agreements
E. Lower storage requirements

Correct Answer: BC
Explanation

Explanation/Reference:

QUESTION 2
What primary business advantage results from the ability to quickly provision applications?

A. Better resource utilization in the data centers
B. Faster time to market
C. More utilized IT staff
D. High levels of resiliency

Correct Answer: B
Explanation

Explanation/Reference:

QUESTION 3
What are the top IT challenges enterprise customers face today? (Select two.)

A. Adapting to constantly changing technology
B. Securing data in the private cloud
C. Controlling vendor lock-in
D. Increasing product/service quality and productivity of personnel
E. Providing differentiated services from the competition

Correct Answer: AC
Explanation

Explanation/Reference:

QUESTION 4
What is the correct description of HP CloudSystem Matrix?

A. A 'data center in a box'; an energy-efficient modular data center
B. Part of the HP Cloud Service Automation suite; provides monitoring of HP cloud solutions
C. Entry-level cloud solution for IaaS; built on the HP Converged Infrastructure
D. System that eliminates redundant data when consolidating information from multiple sources

Correct Answer: C
Explanation

Explanation/Reference:
Reference: http://h18006.www1.hp.com/storage/pdfs/4AA3-4548ENW.pdf (page 5, See HP cloudsystem matrix)

QUESTION 5
Your customer wants to deploy traditional rack-mounted servers into a new data center. What is the primary benefit of recommending HP CloudSystem Matrix instead to this customer?

A. Ability to run server virtualization from both VMware and Microsoft within a single infrastructure
B. Simplification and acceleration of computing and storage infrastructure deployment
C. Ability to manage the environment from a single management console
D. Reduction of oversubscribed Ethernet and SAN traffic

Correct Answer: C
Explanation

Explanation/Reference:

QUESTION 6
Which HP BladeSystem component is responsible for power management within the enclosure?

A. HP Intelligent Power Discovery
B. HP Insight Display
C. HP iLO Management Engine
D. HP Onboard Administrator

Correct Answer: D
Explanation

QUESTION 7
Which HP servers utilize the Crossbar Fabric and I/O Expansion Enclosures (IOX)?

A. HP ProLiant Gen8 server blades
B. HP Superdome
C. HP Integrity i2 server blades
D. HP Moonshot System

Correct Answer: B
Explanation

QUESTION 8
Which HP solution combines intelligence at the server edge with a focus on centrally managed connection policy management to enable virtualization-aware networking and security, predictable performance, and business-driven provisioning?

A. HP FlexFabric
B. HP FlexibleLOMs
C. HP FlexNICs
D. HP Virtual Connect Flex-10

Correct Answer: A
Explanation

QUESTION 9
Within the HP ProLiant server family, which feature is specific to high-end HP ProLiant servers such as the HP ProLiant DL980?

A. RAID-on-Chip
B. Eight processor sockets
C. Fault-tolerant memory
D. Hot-plug processor boards

Correct Answer: B
Explanation

Explanation/Reference:

QUESTION 10
Which software component is part of the HP Matrix Operating Environment?

A. HP Insight Control server provisioning
B. HP Capacity advisor
C. HP Site Scope
D. HP Cloud Service Automation

Correct Answer: B
Explanation

QUESTION 11
You need to identify potential security vulnerabilities in an in-house application your organization just finished developing. Which HP product would achieve this goal?

A. HP Fortify
B. HP Cloud Service Automation
C. HP ArcSight
D. HP TippingPoint

Correct Answer: A
Explanation

QUESTION 12
You need to configure disk drives connected to an HP Smart Array controller installed in an HP ProLiant server. You also want to designate one disk drive as a hot spare (an online spare).
Which utility must you use?

A. Integrated Lights-Out 4 (iL04)
B. Array Configuration Utility (ACU)
C. Smart Update Manager (SUM)
D. Option ROM Configuration for Arrays (ORCA)

Correct Answer: B
Explanation

Explanation/Reference:

QUESTION 13
The question 'What do you get for your money? Reflects which attribute of affordability?

A. Return on investment
B. Total cost of ownership
C. Initial price
D. Price/performance

Correct Answer: A
Explanation

Explanation/Reference:

QUESTION 14
What is the correct description of the HP VirtualSystem?

A. A suite of automation software tools used to deploy and manage cloud computing applications in public and hybrid clouds
B. A single, integrated, and optimized Linux-based application with multiple modules for managing third-party virtualization environments running on HP ProLiant and Integrity servers
C. A complete, high-performance virtualized environment with pre-tuned server, storage, networking, management, and hypervisor resources
D. An HP Moon shot System-based solution with server cartridges specifically designed and optimized for Microsoft Hyper-V and VMware ESX virtualization environments

Correct Answer: C
Explanation

Explanation/Reference:
Reference: http://www.ts.avnet.com/de/images/hp/HPVirtualSystemWhitePaper.pdf (page 6, para in blue)

QUESTION 15
HP enterprise server strategy is to build industry-standard processors into servers that add unique value through which functionalities? (Select two.)

A. 99.999% high availability
B. Multiple operating system support
C. Purpose-built cartridges
D. Manageability solutions
E. Shared power and thermal subsystems

Correct Answer: D
Explanation

Explanation/Reference:

QUESTION 16
What is the primary design goal of the HP Blade Scale architecture?

A. Business continuity
B. Virtualization
C. Consolidation
D. Automation

Correct Answer: A
Explanation

Explanation/Reference:

QUESTION 17
Which HP ProLiant server family is designed for scale-out deployments and utilizes pluggable server modules with shared power supplies and fans?

A. DL
B. BL
C. SL
D. ML

Correct Answer: C
Explanation

Explanation/Reference:
Reference: http://www.e-business.com/partners/hp/servers/proliant-sl-scalable-system/proliant- sl6500

QUESTION 18
Which HP software virtualization technology connects multiple network devices through physical ports, performs necessary configurations, and combines them into a virtualized, distributed device?

A. HP Virtual Connect Enterprise Manager (HP VCEM)
B. HP Intelligent Resilient Framework (HP IRF)
C. HP Intelligent Management Center (HP IMC)

D. HP Virtual Connect Manager (HP VCM)

Correct Answer: B
Explanation

Explanation/Reference:
Reference:
http://www.h3c.com/portal/Products___Solutions/Technology/IRF/Technology_White_Paper/20 0901/624932_57_0.htm (see basic concepts)

QUESTION 19
'A comprehensive data storage appliance with grid-based architecture. SmartCell technology, built-in security, flexible retention policies, and rapid search capabilities that facilitate e- discovery and regulatory compliance* describes which HP Converged Infrastructure solution?

A. HP Integrated Archive Platform
B. HP CloudSystem Enterprise
C. HP Autonomy Optimist Clickstream Analytics
D. HP Vertica Analytics Platform

Correct Answer: A
Explanation

Explanation/Reference:
Reference: http://h20195.www2.hp.com/V2/GetPDF.aspx%2F4AA1-9671ENW.pdf

QUESTION 20
You want to show your customer the bursting capabilities of HP CloudSystem Matrix. However, you do not have access to your own equipment. Which HP resource is best to use in this situation?

A. HP ActiveAnswers
B. HP Partner Portal
C. HP Single Point of Connectivity Knowledge
D. HP Solution Demo Portal

Correct Answer: D
Explanation

Explanation/Reference:
Reference: http://h10076.www1.hp.com/education/hpvr/success/demoportal.pdf

QUESTION 21
An HP Partner needs to provide a customer with a detailed configuration based on HP Integrity servers, HP Converged Storage, and HP networking switches. The customer wants pricing for the configuration.

What is the correct tool to use?

A. Simple Configurator
B. SalesBUILDER for Windows
C. HP Enterprise Sizer
D. Alinean ROI Calculator

Correct Answer: C
Explanation

Explanation/Reference:

QUESTION 22
HP Virtual Server Environment (VSE), which intelligently grows and shrinks virtual servers based on application service-level objectives (SLOs) and business priorities, is an example of which virtualization strategy?

A. Complete IT utility
B. Element virtualization
C. Partitioned virtualization
D. Integrated virtualization

Correct Answer: D
Explanation

Explanation/Reference:
Reference: http://mega.ik.bme.hu/sites/default/files/global-workload-manager-whitepaper.pdf (page 3, HP virtual Server Environment (VSE) overview)

QUESTION 23
How do HP Converged Infrastructure and HP CloudSystem solutions achieve multi-tenancy?

A. By hosting multiple tenants across multiple isolated instances of the application
B. By leveraging a metering capability at the application abstraction level
C. By supporting multiple tenants within a single instance of the application on a highly available and scalable central system
D. By integrating heterogeneous thin-client platforms such as mobile phones, laptops, tablets, and PDAs

Correct Answer: C
Explanation

Explanation/Reference:

QUESTION 24
What functionality does the HP StoreVirtual Virtual SAN Appliance (VSA) software provide?

A. It manages Virtual Connect Direct-Attach Fibre Channel with HP 3PAR StoreServ configurations.
B. It transforms server disk drives into shared storage.
C. It provides a unified server, storage, and network virtualization management console.
D. It creates sharable pools of SAN-based storage resources.

Correct Answer: B
Explanation

Explanation/Reference:

QUESTION 25
Which HP software product enables firmware management of ProLiant servers?

A. HP Systems Insight Manager
B. HP Storage Provisioning Manager
C. HP Insight Remote Support Advanced
D. HP Smart Update Manager

Correct Answer: A
Explanation

Explanation/Reference:

QUESTION 26
A large web-hosting provider is undertaking a major expansion into new markets and needs to rapidly provide memory caching, web acceleration, and dedicated hosting functionality to its potential new customers.

The provider is looking for server technology with these characteristics:
▪ Open system with a high degree of hot-plug component modularity
▪ Technology that uses low-power processors
▪ Distributed manageability that is designed specifically for hyperscale environments
▪ Shared power and thermal subsystem
▪ Very small footprint
▪ Built and optimized specifically for the target application environment

Which HP server product family is correct to recommend to this customer?

A. HP ProLiant DL Gen8 servers
B. HP BladeSystem with
C. HP ProLiant BL660c Gen8 server blades
D. HP ProLiant MicroServers
E. HP Moonshot System

Correct Answer: C
Explanation

Explanation/Reference:

QUESTION 27
Which HP server family is designed to provide the highest levels of availability and resilience?

A. HP Nonstop
B. HP Moonshot System
C. HP BladeSystem
D. HP Superdome2

Correct Answer: A
Explanation

Explanation/Reference:
Reference: http://www8.hp.com/us/en/products/servers/integrity-servers.html#tab=TAB2

QUESTION 28
Your customer is looking for a server solution that provides the highest levels of throughput out- of-the-box availability and manageability, scalability, and fail-safe data integrity. Which HP server solution is best to recommend to this customer?

A. HP Integrity NonStop BladeSystem
B. HP ProLiant Gen8 servers
C. HP Moonshot System
D. HP Integrity Superdome 2

Correct Answer: A
Explanation

Explanation/Reference:
Reference: http://h20427.www2.hp.com/products/bcs/cn/zh/NonStop/ns14000/NS14000.pdf (page 2, paragraph in blue)

QUESTION 29
Which HP management software product enables customers to instantly adjust to dynamic business demands and includes automated provisioning, optimization, and recovery management?

A. HP Insight Online
B. HP Intelligent Provisioning
C. HP Matrix Operating Environment
D. HP Insight Control

Correct Answer: C
Explanation

Explanation/Reference:
Reference:
http://www8.hp.com/uk/en/pdf/HP_CloudSystem_Matrix_Brochure_tcm_183_1277185.pdf (page 2, provision infrastructure and applications in minutes for physical and virtual environments)

QUESTION 30
During which step of a typical IT service lifecycle are products such as HP Fortify and HP TippingPoint used?

A. Configuration of the network
B. Securing the environment
C. Patching of the VMs. operating systems, and applications
D. Enforcement of the Service Level Agreements (SLAs)

Correct Answer: B
Explanation

Explanation/Reference:

QUESTION 31
What is the ideal target environment for the HP CloudSystem Matrix solution?

A. Software-as-a-Service (SaaS)
B. Platform-as-a-Service (PaaS)
C. Infrastructure-as-a-Service (IaaS)
D. Applications-as-a-Service (AaaS)

Correct Answer: C
Explanation

Explanation/Reference:
Reference:
http://www8.hp.com/uk/en/pdf/HP_CloudSystem_Matrix_Brochure_tcm_183_1277185.pdf rd
9page 2, invest in productivity and innovation, 3 para, first sentence)

QUESTION 32
Which HP ProLiant Gen8 feature enables customers to access product and support information that is specific to their IT environment, track their IT support contracts, and view their device status from anywhere at any time, all using the Internet?

A. HP Insight Remote Support
B. HP Intelligent Provisioning
C. HP Agentless Management
D. HP Insight Online

Correct Answer: D
Explanation

Explanation/Reference:
Reference: http://h18000.www1.hp.com/products/quickspecs/14339_na/14339_na.pdf (page 12, HP insight online)

QUESTION 33
How does an HP ProLiant Gen8 server detect whether or not the installed memory is qualified as HP SmartMemory?

A. Each HP SmartMemory DIMM has a unique serial number with the last digit indicating its type.
B. A unique signature is written to the HP SmartMemory DIMM's serial presence detect (SPD) chip and read by the HP ProLiant Gen8 server.
C. HP SmartMemory support must be manually enabled in the ROM-Based Setup Utility (RBSU) using the serial number provided on the HP SmartMemory DIMM.
D. HP SmartMemory DIMMs have slightly different connectors, which signal their presence to the HP ProLiant Gen8 server.

Correct Answer: B
Explanation

Explanation/Reference:

QUESTION 34
A non-technical salesperson needs to quickly provide a customer with an initial server configuration based on a short set of customer requirements. Pricing does not have to be included.

What is the correct tool to use?

A. Alinean TCO Calculator
B. Alinean ROI Calculator
C. Simple Configurator
D. Sales BUILDER for Windows

Correct Answer: C
Explanation

Explanation/Reference:

QUESTION 35
Your task is to recommend the right HP management tools to set up a large number of servers, automatically update firmware, and provision and patch the appropriate server operating system.

Which tools are correct to recommend? (Select two.)

A. HP SmartStart
B. HP Scripting Toolkit for Windows and Linux
C. HP SiteScope
D. HP Server Automation
E. HP iLo Management Engine

Correct Answer: AD
Explanation

Explanation/Reference:

QUESTION 36
Which HP tool requires a license for use?

A. Simple Configurator
B. ActiveAnswers
C. Sales BUILDER for Windows
D. Storage Sizer

Correct Answer: C
Explanation

Explanation/Reference:

QUESTION 37
What is used to combine HP Integrity BL860c server blades into HP Integrity BL870c or BL890c server blades?

A. Virtual Connect
B. Blade Link
C. Crossbar Fabric
D. I/O Expansion Enclosures (IOX)

Correct Answer: B
Explanation

Explanation/Reference:

QUESTION 38
Which statements correctly describe the HP ProLiant Multi Node servers? (Select two.)

A. The chassis is managed by HP Insight Display and by HP Onboard Administrator
B. The servers share power supplies and fans, providing greater power and cooling efficiencies.
C. A server node can be serviced individually without impacting the operation of other server nodes within the same chassis.
D. Each chassis consists of up to sixteen independent servers to maximize data center server density.
E. The servers are based on ARM processors and are purpose-built for a specific application environment.

Correct Answer: BC
Explanation

Explanation/Reference:
Reference: http://h18004.www1.hp.com/products/quickspecs/13847_na/13847_na.PDF (page 1, first para)

QUESTION 39
Which HP solution is characterized by these three statements?

1. Is a complete, end-to-end solution that enables businesses to create a scalable, agile, and secure network that streamlines operations.
2. Can be used to meet particular environment requirements such as voice, financial transactions, or video over a secure shared infrastructure.
3. Supports a multi-tenant model, in which each network is dedicated to business units or organizations.

A. HP Virtual Application Networks
B. HP Virtual Connect
C. HP TippingPoint Secure Virtualization Framework
D. HPFIexCampus

Correct Answer: A
Explanation

Explanation/Reference:

QUESTION 40
What are the primary benefits of partitioning? (Select two.)

A. Resource allocation into sharable pools of virtual servers, storage, and networks that enable easy management and provisioning
B. Resource isolation within an operating environment to prevent one application's fatal errors from bringing down the entire environment
C. Resource isolation within an operating environment so applications sharing an operating system image can receive dedicated system resources
D. Protection of applications and data from unauthorized access in multi-tenant environments
E. Protection of applications from power fluctuations or losses of power

Correct Answer: AB
Explanation

QUESTION 41
What is the best place to check for updates regarding HP products and solutions?

A. HP Single Point of Connectivity Knowledge
B. HP Solution Demo Portal
C. HP Active Answers
D. HP Enterprise Library

Correct Answer: D
Explanation

Explanation/Reference:
Reference: http://h20195.www2.hp.com/v2/erl.aspx

QUESTION 42
Which hardware component, used within the HP BladeSystem c-Class environment, is shown below?

A. Onboard Administrator
B. Crossbar Fabric
C. I/O Expansion Enclosure
D. Blade Link
E. Virtual Connect

Correct Answer: D
Explanation

Explanation/Reference:
Reference: http://jreypo.wordpress.com/2010/05/05/new-generation-integrity-servers/

QUESTION 43
What is the best tool for setting up one or a few HP ProLiant Gen8 servers?

A. HP Insight Control server deployment
B. HP SmartStart
C. HP Intelligent Provisioning
D. HP SmartSetup

Correct Answer: C
Explanation

Explanation/Reference:

QUESTION 44
Which two statements correctly describe the HP ProLiant multi Node servers7 (Select two.)

A. Each chassis consists of up to sixteen independent servers to maximize data center server density.
B. The servers are based on ARM processors and are purpose-built for a specific application environment.
C. The chassis is managed by HP Insight Display and by HP Onboard Administrator.
D. The servers share power supplies and fans, providing greater power and cooling efficiencies.
E. A server node can be serviced individually without impacting the operation of other server nodes within the same chassis.

Correct Answer: DE

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