

HPE0-S57 Dumps

Designing HPE Hybrid IT Solutions

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NEW QUESTION 1

You have been tasked with architecture a SimpliVity 380 Gen10 for VMware solution. You must decide between the SimpliVity 4000 and 6000 series. Match each description to the correct SimpliVity 380 Gen10 series.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2

A customer is thinking about a new solution to run their Line of Business (LOB) application. They are considering an HPE SimpliVity solution. Which deployment requirement should be communicated to the customer?

- A. The application has to run virtualized.
- B. The solution only supports HPE switches.
- C. The solution requires a minimum of three nodes.
- D. The solution requires FC connectivity

Answer: A

NEW QUESTION 3

A customer wants to deploy Microsoft Storage Spaces Direct using existing FlexFabric 5700 switches. Which RDMA technology is available through the customer's switches?

- A. NPAR
- B. NVMeOF
- C. InfiniBand
- D. RoCE

Answer: A

NEW QUESTION 4

A customer is planning a data center expansion consisting of 2,000 physical servers supporting up to 70 VMs per server. They require a modular networking solution that provides:

- high bandwidth
- high availability
- high performance
- the ability to scale beyond 2,000 servers

Which HPE solution should you recommend?

- A. HPE FlexFabric 12904E
- B. HPE Aruba 5400
- C. HPE OfficeConnect 1950
- D. HPE FlexFabric 5940

Answer: C

NEW QUESTION 5

A customer wants to implement a Microsoft Exchange 2016 solution. Why should the customer choose HPE?

- A. HPE employs Microsoft MVPs
- B. HPE is a Microsoft Silver partner in messaging and collaboration
- C. HPE has more than five years of joint development with Microsoft
- D. HPE has a proven reference architecture

Answer: C

NEW QUESTION 6

A customer is considering a refresh of their ToR switches because they need 25 GbE connectivity. Which switch should you recommend?

- A. FlexFabric 5940
- B. FlexFabric 5945
- C. FlexFabric 5980
- D. FlexFabric 5710

Answer: A

NEW QUESTION 7

A customer has the following design requirements:

- Support for 16Gb Fibre Channel
- All SAN elements must be managed by the SAN team
- All SAN elements need to be managed by the existing tools

Which component must be included in the design to meet the customer's requirements?

- A. HPE Virtual Connect SE 16Gb FC Module for HPE Synergy
- B. HPE Virtual Connect SE 40Gb FC Module for HPE Synergy
- C. HPE Synergy 8Gb FC License Upgrade
- D. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy

Answer: D

NEW QUESTION 8

Which security features does HPE ProLiant provide? (Select two)

- A. PXE Boot
- B. DHCP Boot
- C. Intruder Lockout
- D. Intrusion Detection
- E. TPM Option

Answer: AC

NEW QUESTION 9

A customer needs to manage the power of their Apollo servers. The server racks provide only basic PDU capability. Which Management tool will meet the customer's need?

- A. HPE Apollo Platform Manager
- B. HPE Insight Cluster Management Utility
- C. HPE Power Advisor
- D. HPE OneView

Answer: B

NEW QUESTION 10

A customer is looking for a new platform to support their AI research projects. Which technology should you recommend?

- A. Peer Persistence
- B. Multi-core GPUs
- C. Availability clustering
- D. Persistent memory

Answer: A

NEW QUESTION 10

You need to replace a VDI (Virtual Desktop Infrastructure) solution that supports 300 concurrent users. The current platform is running on four HPE BL460 G7 blades and P4000 iSCSI storage.

Which platform should you recommend for this integrated VDI workload?

- A. HPE BL460 Gen10
- B. HPE Synergy SY480 Gen10
- C. HPE DL580 Gen10
- D. HPE SimpliVity 380 Gen10

Answer: A

NEW QUESTION 14

A customer is a cloud provider who needs a new storage array. They want a solution that has built-in multi-tenancy features.

Why should you propose HPE 3PAR StoreServ to the customer?

- A. It divides controller nodes into groups for multiple tenants.
- B. It includes the virtual domains feature as part of all-inclusive licensing.
- C. It divides drives into separate pools for multiple tenants.
- D. It includes the NPARs feature for physical separation of the array into tenant areas.

Answer: C

NEW QUESTION 19

Which unit of measurement does the HPE Synergy Planning Tool provide for the cooling requirements of a given configuration?

- A. A
- B. VA
- C. W
- D. BTU

Answer: A

NEW QUESTION 21

During an HPE SimpliVity solution presentation, a potential customer asks about the HPE SimpliVity RapidDR option in the Bill of Material.

How should you respond?

- A. It allows configuring a high-availability solution between two sites for automatic failover and fallback in disaster recovery situations.
- B. It is a requirement to guarantee the 1-minute restore of a 1TB virtual machine.
- C. It is required for a multi-site HPE SimpliVity configuration to send VM backups to remote clusters.
- D. It enables orchestration for site-to-site recovery to improve application availability during planned or unplanned events.

Answer: B

NEW QUESTION 24

A customer needs to replace an existing Microsoft Hyper-V solution on aging hardware. The customer is interested in an HPE SimpliVity solution.

What do you need to consider for this solution?

- A. SSD-only SimpliVity nodes
- B. System Center Virtual Machine Manager licenses
- C. a minimum of four nodes per cluster
- D. Microsoft Windows Server Datacenter licenses

Answer: D

NEW QUESTION 27

You are validating virtual machine sizing data for an infrastructure upgrade to SimpliVity. Which tool can be used to collect and report the needed information?

- A. SimpliVity Sizer Tool
- B. InfoSight
- C. Storage Sizer Tool
- D. Lanamark Data Gathering tool

Answer: A

NEW QUESTION 32

Match each HPE Assessment Foundry tool to its primary function.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 34

During Synergy solution on boarding, the customer asks about a firmware overview of all the compute modules at once. Click where you can access the information.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 38

A customer is planning to refresh their network infrastructure, and wants to manage bandwidth for critical applications and gain end-to-end visibility of network performance and utilization. They also need tools to help them manage their networking inventory. Which HPE Solution should you recommend?

- A. Introspect
B. InfoSight
C. OneView for VMware vCenter
D. Composable Fabric Manager

Answer: C

NEW QUESTION 40

A customer contacts you for assistance to expand an HPE Synergy environment. The existing environment contains:

- one Synergy 12000 frame
- two Composers
- eight SY480 Compute Modules -1 CPU - 384GB RAM - 3820C 10/20GbE CNA
- one D3940 Storage Module

The new requirement is 16 Gb FC connectivity to a newly-deployed 3PAR storage array.

Which components should you include? (Select two.)

- A. HPE Synergy FC License Upgrade per Composer pair
B. an additional Virtual Connect SE 40 Gb F8
C. two QSFP+ AOC/DAC cables for ICM clustering
D. a second CPU per Compute Module
E. Synergy 3830C Host Bus Adapter

Answer: CD

NEW QUESTION 43

Refer to the Exhibit.

A customer's requirements include minimal licensing and simple management. The data must be secured at rest. The solution must have the smallest footprint possible.

Which component must be added to the bill of materials to meet these customer requirements?

- A. HPE 3PAR All-in S-sys SW Current E-Media
- B. HPE 3PAR Policy Manager Software E-LTU
- C. HPE 3PAR 8400 All-inc Multi-sys SW E-LTU
- D. HPE 3PAR 8400 Data Encryption E-LTU

Answer: D

NEW QUESTION 47

You are designing a solution for a data-intensive application running on a ProLiant DL380 Gen10 server, where performance will be critical.

Which tool should you use to validate that your design meets the workload requirements?

- A. HPE Server Memory Configurator
- B. HPE Storage Sizer
- C. HPE Solid-State Drive Selector Tool
- D. HPE InfoSight

Answer: B

NEW QUESTION 51

A customer needs a Composable infrastructure solution.

Which HPE resource provides a report of the weight and required power to help plan the data center update?

- A. HPE NinjaStars
- B. HPE QuickSpecs
- C. HPE Synergy Planning Tool
- D. HPE IQuote Universal

Answer: B

NEW QUESTION 56

A customer needs to provide a composable server solution that is optimized for both the highest CPU frequency and the highest memory density. Which compute solution is recommended?

- A. Synergy SY 480 Gen10
- B. Synergy SY 660 Gen9
- C. Synergy SY 620 Gen9
- D. Synergy SY 660 Gen10

Answer: D

NEW QUESTION 57

Which HPE solution uses Integrated Lights Out (iLO) and Integrated Systems Manager (iSM) for an optimal infrastructure management experience?

- A. HPE Synergy 12000 Frame
- B. HPE Edgeline 4000
- C. HPE Apollo 8000 series
- D. HPE SimpliVity 2600

Answer: B

NEW QUESTION 61

Which HPE tool combines performance metrics from multiple arrays?

- A. NinjaStars
- B. SAF Analyze
- C. NinjaCrawler
- D. SAF Collect

Answer: D

NEW QUESTION 62

A customer wants to know why their servers should be configured in UEFI mode instead of legacy boot mode. What does UEFI in Gen10 support? (Choose two.)

- A. FTP boot as a PXE alternative
- B. Internet Small Computer Systems Interface (iSCSI) Software Initiator support
- C. Trusted Platform Module (TPM) 1.0
- D. Non-Volatile Memory Express (NVMe) boot
- E. USB 3.1 support

Answer: CD

NEW QUESTION 66

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