Exam Code: HPE0-S57
Exam Name: Designing HPE Hybrid IT Solutions

Exam A

QUESTION 1
A customer needs a right-mix strategy and roadmap for hybrid-IT delivery that covers platform, operations, and brokering.
Which HPE service should be recommended to meet the customer's requirements?

A. Professional Services
B. Advisory & Transformation Services
C. Operational Services
D. Proactive Services

Correct Answer: B
Section:

QUESTION 2
Which tool can be used to provide TCO and ROI analysis of an HPE Synergy solution?

A. HPE infoSight
B. HPE Synergy Planning Tool
C. HPE OneView
D. HPE Aliean Tool

Correct Answer: D
Section:

QUESTION 3
A customer requests a switch virtualization feature to help simplify the management of HPE FlexFabric switches. Which technology should you recommend?

A. IRF
B. VSF
C. VXLAN
D. MSTP

Correct Answer: A
Section:

QUESTION 4
A customer wants to replace aging data center networking infrastructure with an agile, softwaredefined solution that will enable them to ensure that mission-critical applications can always get needed bandwidth Which HPE solution should you recommend?

A. Composable Fabric Manager
B. Image Streamer
C. OfficeConnect
D. StoreFabric

Correct Answer: A
Section:

QUESTION 5
A software development company is planning a Hybrid IT hardware platform that will make frequent server repurposmg and automation easier Which component should you recommend as part of the solution?

A. HPE infoSlght
B. NVMe Read Intensive SFF
C. HPE Synergy Image Streamer
D. MicroSD flash memory card

Correct Answer: C
Section:

QUESTION 6
A customer needs all users to be authenticated before getting access to the network resources.
Which product should you recommend to meet this requirement?

A. ArubaClearPass
B. Aruba Central
C. Aruba Airwave
D. Aruba Introspect

Correct Answer: A
Section:

QUESTION 7
DRAG DROP
Match the HPE Service to the service it provides. (Choose all that apply.)

Select and Place:

Answer Area

HPE Service		Description
Data Center Facilities Consulting Services		drives business value from mobility and IoT, and transforms work spaces through intelligent Spaces and Intelligent Venues
Intelligent Edge Practice		helps in determining the best strategy to provide right-sized requirements and the right mix of Hybrid IT
Platform Consulting Services		provides assistance in developing IT strategies to modernize and migrate to an on-premises automated infrastructure
Professional Services		takes a strategic plan and functional design and moves it into production, with a focus of Hybrid IT and Intelligent Edge

Correct Answer:

Answer Area

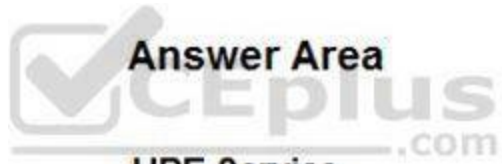| HPE Service		Description
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	Data Center Facilities Consulting Services	takes a strategic plan and functional design and moves it into production, with a focus of Hybrid IT and Intelligent Edge

Section:
Explanation:

QUESTION 8
DRAG DROP
Match the appropriate server, storage, or networking platform to the workload. (Choose all that apply.)

Select and Place:

Answer Area

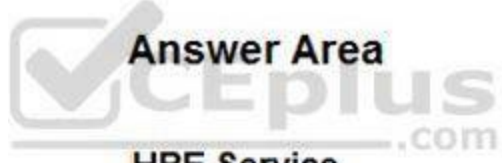| HPE Service		Description
HPE Apollo		The customer requires an integrated solution, with storage, network, computer, and virtualization.
HPE ProLiant ML/DL		The customer requires a traditional infrastructure and fewer servers.
HPE SimpliVity		The customer requires modular infrastructure and many servers.
HPE Synergy		The customer requires purpose-built platform for HPC workloads.

Correct Answer:

Answer Area

HPE Service		Description
	HPE Synergy	The customer requires an integrated solution, with storage, network, computer, and virtualization.
	HPE ProLiant ML/DL	The customer requires a traditional infrastructure and fewer servers.
	HPE SimpliVity	The customer requires modular infrastructure and many servers.
	HPE Apollo	The customer requires purpose-built platform for HPC workloads.

Section:
Explanation:

QUESTION 9
DRAG DROP
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.

Select and Place:

Answer Area

SimpliVity 380 Gen10 Series

| SimpliVity 4000 Series |
| SimpliVity 6000 Series |

Description
[ ] utilizes I/O intensive SSID's capable of 3x higher write endurance
[ ] utilizes a Media Lifecycle Manager to ensure 3 years of life on SSD's
[ ] is available in Extra Small, Small, Medium, Large, and Extra Large storage capacities
[ ] utilizes lower-cost, lower write endurance SSDs
[ ] is available in Extra Small, Small, Medium, and Large storage capacities only

Correct Answer:

Answer Area

SimpliVity 380 Gen10 Series

| SimpliVity 4000 Series |
| SimpliVity 6000 Series |

SimpliVity 380 Gen10 Series	Description
SimpliVity 6000 Series	utilizes I/O intensive SSID's capable of 3x higher write endurance
SimpliVity 4000 Series	utilizes a Media Lifecycle Manager to ensure 3 years of life on SSD's
SimpliVity 4000 Series	is available in Extra Small, Small, Medium, Large, and Extra Large storage capacities
SimpliVity 4000 Series	utilizes lower-cost, lower write endurance SSDs
SimpliVity 6000 Series	is available in Extra Small, Small, Medium, and Large storage capacities only

Section:
Explanation:

QUESTION 10
DRAG DROP
Based on assessment and placement evaluations results, match the product to its levels of reliability, functionality, cost, or availability. (Choose all that apply.)

Select and Place:

Answer Area

Product	Description
Direct-attached storage (DAS)	block-level I/O and are well suited to smaller database and messaging environments.
Departmental NAS (D-NAS)	director-based, feature block-level I/O, and are ideally suited to meet large database requirements.
Departmental SAN (D-SAN)	leverages file-level I/O to deliver reduced costs and improve use in a large file server environment.
Enterprise SAN (E-SAN)	provides digital storage to single or multiple computers in a non-networked environment.

Correct Answer:

Answer Area

Product		Description
	Departmental NAS (D-NAS)	block-level I/O and are well suited to smaller database and messaging environments.
	Departmental SAN (D-SAN)	director-based, feature block-level I/O, and are ideally suited to meet large database requirements.
	Enterprise SAN (E-SAN)	leverages file-level I/O to deliver reduced costs and improve use in a large file server environment.
	Direct-attached storage (DAS)	provides digital storage to single or multiple computers in a non-networked environment.

Section:
Explanation:

QUESTION 11
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

Correct Answer: B, D
Section:
Explanation:

UEFI in Gen10 supports:
« USB 3.0 stack
« TPM 2.0
« NVMe boot
« iSCSI Software Initiator support
« HTTP/HTTPs boot as a PXE alternative

QUESTION 12
A customer is building a new Hybrid Infrastructure data center to support private, public, and hybrid cloud workloads. The customer needs to be able to optimize the performance of East-West network traffic.
Which technology should you recommend?

A. Access/Aggregation/Core

B. Leaf/Spine

C. VXLAN/NVGRE

D. STP/RSTP

Correct Answer: C
Section:

QUESTION 13
A customer is running a virtualized application with the data stored on their server's local storage. As the storage space is getting full, they are looking into a new storage system. Their IT generalist would like to use a single management interface for the new solution.
Which solution should you recommend to the customer?

A. HPE Nimble HF20

B. HPE MSA 2052

C. HPE SimpliVity 380

D. HPE 3PAR StoreServ 8400

Correct Answer: C
Section:

QUESTION 14
After meeting with a customer and gathering basic capacity and performance metrics, you are ready to recommend an HPE 3PAR storage solution.
Which HPE sizing tool should be used to architect the solution, create a ready-to-order bill of materials, and present the customer with a graphic representation of the solution being proposed?

A. HPE Storage Sizer Tool

B. HPE NinjaSTARS

C. HPE InfoSight

D. HPE 3PAR STaTs

Correct Answer: A
Section:

QUESTION 15
A customer has the following design requirements: support for 16Gb Fibre Channel The management console must be HPE OneView Which component must be included in the design to meet the customer's requirements?

A. HPE Virtual Connect SE 40Gb F8 Module for HPE Synergy

B. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy

C. HPE Virtual Connect SE 16Gb FC Module for HPE Synergy

D. HPE Synergy 8Gb FC License Upgrade

Correct Answer: C
Section:

QUESTION 16
A customer wants to deploy Microsoft Storage Spaces Direct using existing FlexFabric 5700 switches Which RDMA technology is available through the customers switches?

A. NPAR

B. NVMeOF

C. InfiniBand

D. RoCE

Correct Answer: D
Section:

QUESTION 17
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

Correct Answer: C
Section:

QUESTION 18
A cloud provider customer needs a new storage array and wants a solution with built-in multitenancy features.
Why should you propose HPE 3PAR StoreServ to this customer?

A. It Includes the virtual domains feature as part of all-inclusive licensing

B. It divides controller nodes into groups for multiple tenants.

C. It Includes the NPARs feature for physical separation of the array into tenant areas

D. it divides drives into separate pools for multiple tenants

Correct Answer: A
Section:

QUESTION 19
A customer has some extra budget that they would like to use to expand their existing 3PAR array additional drives. The array is sending remote support data, but is not configured in HPE InfoSight.
Which tool should you use to examine the current configuration of the array to make balanced drive expansion recommendations to your customer?

A. HPE NinjaSTARS

B. HPE Storage Sizer

C. HPE 3PAR STaTs

D. HPE 3PAR SSMC

Correct Answer: D
Section:

QUESTION 20
You are organizing a Proof Of Concept (POC) for a potential HPE Synergy customer During the presentation the customer asks about the solution capabilities for performing automatic creation and follow-up of support cases in case of failures.
Where will you show this functionality?

A. HPE iLO Amplifier Pack

B. HPE ILO Embedded Remote Support

C. HPE InfoSfcjht

D. HPE OneView

Correct Answer: A
Section:

QUESTION 21
HPE OneView can be used to provision volumes on which HPE solutions'? (Select two)

A. HPE 3PAR StoreServ

B. HPE MSA

C. HPEXP

D. HPE SlmpliVrty

E. HPE Nimble

Correct Answer: C, E
Section:

QUESTION 22
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

Correct Answer: A
Section:

QUESTION 23
Based on the scenario provided, which service should you recommend*?

A. HPE 3PAR StoreServ Data Migration Service

B. HPE File Data Migration Service

C. HPE Migration Service for Exchange

D. HPE Migration Service for Office 365

Correct Answer: D
Section:

QUESTION 24
The CFO at a customer site asked you to demonstrate overall value of the IT solution you are proposing What should you use to perform calculations and determine the benefits of a migration to an HPE solution?

A. HPE One Configuration Advanced

B. HPE Allnean tool

C. HPE Converged Infrastructure Solution Sizer Suite

D. HPE Proposal Web

Correct Answer: C
Section:

QUESTION 25
Refer to the Exhibit:

You are presenting an HPE SimpliVity solution to a customer. When looking at the hardware details, the customer asks about the connectivity options at the back of the HPE SimpliVity node Which answer should you give about the port highlighted in the exhibit?

A. This port is used for the Storage network and should be connected to the dedicated storage network switches

B. This port is the iLO port and should be connected to the management network

C. This port is used for diagnostics and should not be used for daily operations

D. This port is used for the Federation traffic between the HPE SimpliVity nodes.

Correct Answer: C
Section:

QUESTION 26
You are creating a Bill of Materials with the HPE Synergy Planning Tool The solution includes:
• 30 Synergy 480 Compute Modules
• 6 D3940 Storage Modules - 40 GD uplink ports
• 20 Gb downlink ports
• Image Streamers for stateless computing

How many Composers and Image Streamers are needed in this solution'?

A. 2 pairs of Composers /1 pair of Image Streamers

B. 2 pairs of Composers / 2 pairs of Image Streamers

C. 1 pair of Composers /1 pair of Image Streamers

D. 1 pair of Composers / 2 pairs of Image Streamers

Correct Answer: C
Section:

QUESTION 27
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. FlexFabnc 5945

C. FlexFabnc 5980

D. FlexFabric 5710

Correct Answer: A
Section:

QUESTION 28
A customer has Just completed implementing a new hyperconverged solution based on SimpliVity 380 Medium Nodes The customer's IT staff has been Informed that, due to an acquisition, they need to expand Analyses shows they are undersized by 12 cores of CPU and 3 TB of storage What is the lowest cost recommendation that satisfies the customer's requirements?

A. Purchase and add two SimpliVity 380 Medium Nodes

B. Purchase and add one SimpliVity 380 Small Node

C. Purchase and add one SimpliVity 380 Medium Node

D. Purchase and add one SimpliVity 380 Extra Small Node

Correct Answer: B
Section:

QUESTION 29
A customer Is considering purchasing an application that requires a highly-available NUMA platform that will scale up to 16 processors They ask you which HPE compute solution will meet the their needs Which solution should you recommend?

A. HPE Superdome Flex

B. HPE Synergy

C. HPE BladeSystem

D. HPE ProLiant DL

Correct Answer: A
Section:

QUESTION 30
You are explaining the benefits of compression of primary storage to the customer. The CIO wants to know how much space can be saved when moving their current shared datastore to a 3PAR array.

Which tool can be used to estimate savings based on current customer data?

A. NinjaSTARS

B. 3PAR STaTs

C. NinjaCrawler

D. StoreServ Management Console

Correct Answer: C
Section:
Explanation:
NinjaCrawler is a tool that reads raw data from customer volumes to determine the possible capacity savings that could be achieved with Primera or 3PAR data deduplication and compression.
NinjaCrawler can scan Linux, Windows, and VMware ESX volumes.

QUESTION 31
A customer is concerned about high availability for the company's Exchange 2016 messaging environment using local storage Which technology should they use to enable high availability and site resilience?

A. Database Resilience Group

B. Continuous Cluster Replication

C. Database Availability Group

D. Peer Persistence

Correct Answer: C
Section:

QUESTION 32
A customer requires an integrated compute, multi-terabyte storage, and networking solution that will enable them to rapidly provision their mixed portfolio or applications Which HPE platform should you recommend?

A. HPE Edgeline

B. HPE ProLiant DL

C. HPE Synergy

D. HPE Superdome Flex

Correct Answer: D
Section:

QUESTION 33
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

Correct Answer: A
Section:

QUESTION 34

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

A. PXE Boot
B. D HTTP Boot
C. Intruder Lockout
D. Intrusion Detection
E. TPMOption

Correct Answer: D, E
Section:

QUESTION 35
Your need to architect a SQL Database consolidation solution, based on the HPE reference architecture for SQL 2017 The customer is moving from Oracle on Linux and wants to stay on Linux and migrate to a tower-cost solution Which server should you recommend?

A. HPE DL560 Gen10 running Red Hat Linux Server
B. HPE DL380 Gen10 running Red Hat Linux Server
C. HPE DL380 Gen10 running Microsoft Windows Server 2016
D. HPE DL560 Gen10 running CentOS Linux Server

Correct Answer: B
Section:

QUESTION 36
A customer needs a cloud-like experience for infrastructure on premises that includes: variable payments based on actual metered usage rapid scalability using an onsite buffer of extra capacity enterprise-grade support Which HPE Service meets the customer needs?

A. HPE GreenLake Service
B. HPE Pointnext Services
C. HPE Digital Transformation Services
D. HPE Datacenter Care Services

Correct Answer: A
Section:

QUESTION 37
You are offering a startup service of StoreOnce 3620 to a customer
Which customer need would require an additional Pointnext service?

A. setup and demonstration of the configuration to one host
B. installation of hardware to the rack
C. creation of the Installation plan
D. integration of StoreOnce and a backup ISV application

Correct Answer: D
Section:

QUESTION 38

A customer needs a VMware Horizon VDI solution with accelerated GPU support. They need the highest density GPU solution available.
Which solution should you recommend?

A. HPE WS460c Gen9 Graphics Server Blade with graphics expansion

B. HPE Apollo r2600 with RCM Module

C. HPE Synergy SY 480 with multi-MXM expansion module

D. HPE DL360 Gen10 with primary GPU riser

Correct Answer: C
Section:

QUESTION 39

Which HPE Apollo platform Is recommended for Big Data and scale-out storage workloads*?

A. HPE Apollo 35

B. HPE Apollo 2000

C. HPE Apollo 6000

D. HPE Apollo 4200

Correct Answer: B
Section:

QUESTION 40

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 OfffceConnect 1950

D. HPE FlexFabric 5940

Correct Answer: C
Section:

QUESTION 41

A customer has acquired a company and must integrate all IT assets Into a single data center Each company uses HPE SimpliVity as the hardware platform, but one uses HyperV and the other uses VMware as the hypervisor.
What are valid options for consolidating this environment?

A. Redploy all nodes Into a single cluster running containers.

B. Run and manage separate SimpiVity clusters for each hypervisor.

C. Combine all nodes Into a single cluster running both VMware and Hyper-V hypervisors

D. Utilize HPE OneVlew to convert VMs from Hyper-v to VMware

Correct Answer: D
Section:

QUESTION 42
A customer has expressed concerns about the security of using RESTful API to do a survey against their existing infrastructure.
What should you say about the REST client to alleviate the customer's concerns?

A. It uses SNMP v2.

B. It uses HTTPS.

C. It uses SNMP v3

D. It uses WBEM

Correct Answer: B
Section:

QUESTION 43
You are designing a network topology for a customer. The customer is looking for a large-scale Layer 2 fabric, with redundant links and load balancing, while avoiding traditional STP, RSTP, and MSTP protocols.
Which switch will support these features with industry standard technology?

A. HPE FlexFabric 5980

B. HPE FlexFabric 12902E

C. Aruba 8325

D. HPE FlexFabric 5710

Correct Answer: B
Section:
Explanation:
https://h20195.www2.hpe.com/v2/getpdf.aspx/c04111378.pdf

QUESTION 44
What must be taken into account when using the HPE FlexFabric 5945 4-slot Switch as a ToR switch in a solution?

A. adding in a Network Analytics Engine license

B. specifying a fan tray with the appropriate direction of airflow

C. adding in an Intelligent Resilient Framework license

D. selecting power supplies with adequate reserve PoE+ capacity

Correct Answer: B
Section:
Explanation:
https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00047323enw

QUESTION 45
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

Correct Answer: D
Section:

QUESTION 46
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

Correct Answer: C
Section:

QUESTION 47
Which industry standard protocol is typically used to communicate with remote resources on mobile applications?

A. TRILL

B. HTTP

C. STP

D. NFS

Correct Answer: B
Section:
Explanation:
"Mobile applications typically communicate with remote resources using HTTP, rather than NFS [...]"

QUESTION 48
In preparation for a customer offer, you need an easy-to-use, web-based resource that can create the presentation quickly and easily using HPE standard, global, online platform tools.
What should you use?

A. HPE Power Advisor

B. HPE Proposal Web

C. HPE Synergy Planning Tool

D. HPE One Configuration Advanced

Correct Answer: A
Section:

QUESTION 49
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

Correct Answer: C, E
Section:

QUESTION 50
A customer is considering a new multi-tier storage platform.
The customer likes the easy management of the Nimble platform
Which question should you ask to select an appropriate Nimble model?

A. Are you using FC or ISCSI host connectivity?

B. What is the estimated IOPS required?

C. Do you need to support multiple RAID levels?

D. Do you require mainframe connectivity?

Correct Answer: B
Section:

QUESTION 51
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. HPEBL460Gen10

B. HPE Synergy SY480 Gen10

C. HPE DL580 Gen10

D. HPE SimpliVity 380 Gen10

Correct Answer: A
Section:

QUESTION 52
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

Correct Answer: A
Section:

QUESTION 53
A customer has the following design requirements:
• Support for 16 Gb 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 40 Gb F8 Module for HPE Synergy

B. HPE Virtual Connect SE 16 Gb FC Module for HPE Synergy

C. HPE Synergy 8 Gb FC License Upgrade

D. Brocade 16 Gb Fibre Channel SAN Switch Module for HPE Synergy

Correct Answer: D
Section:

QUESTION 54
A customer runs a virtualized application with the data stored on the servers local storage.
They back up the virtual machines to an external tape drive, but backup and recovery takes too long They would like to make their VM backup and recovery as fast as possible.
Which solution should you recommend?

A. Data Protector

B. HPE MSA 2052

C. HPE SlmpliVity 380

D. HPE StoreOnce

Correct Answer: C
Section:

QUESTION 55
Which HPE tool is used to access 3PAR performance information?

A. NinjaCrawler

B. SAF Collect

C. SAF Analyze

D. NinjaStars

Correct Answer: B
Section:

QUESTION 56
A customer has a 135 GB Microsoft SQL 2016 database deployed on an HPE ProLiant DL380 Gen 10 server on direct attached storage The customer would like to dramatically improve the database performance What should you propose?

A. 3PAR 8200

B. Nimble AF20Q

C. nVidia GPU

D. NVDIMMs

Correct Answer: B
Section:

QUESTION 57
You have been asked to architect an HPE 3PAR storage solution and integrate it into a customers existing mufti-vendor SAN Which tools should you consult to verity interoperability of your proposed solution? (Select two)

A. HPE InfoSlght

B. HPE Single Point of Connectivity Knowledge

C. HPE SAN Design Guide

D. HPE Product Bulletin

E. HPE lanamark

Correct Answer: B
Section:

QUESTION 58
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 l -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

Correct Answer: B
Section:

QUESTION 59
A customer is concerned that they might not have enough cooling capacity in their datacenter to support your proposed HPE server and storage solution Which tool should you use to confirm your solution will meet their requirements'?

A. HPE OneView

B. HPE Assessment Foundry

C. HPE infoSight

D. HPE Power Advisor

Correct Answer: A
Section:

QUESTION 60
A customer needs a VMware Horizon VDI solution for a space-constrained remote office The solution must include deduplication and compression, and be simple to Implement and manage Which platform should you

recommend?

A. HPE SimpliVity 380

B. HPE DL380 Gen 10

C. HPE SimpliVity 2600

D. HPEDL360Gen10

Correct Answer: C
Section:

QUESTION 61
The customer has an HPE Nimble HF40.
The customer's application needs have changed, and they now require more performance from their current storage solution.
What should you do to address the customer's new requirements?

A. Grow the FDR (flash-to-disk) ration by adding SSDs to the Dual Flash Carries (DFC).

B. Enable the HPE Advanced Data Services license to enable tiering.

C. Upgrade the existing controller pair with a higher model number.

D. Add disks and SSDs to the current array.

Correct Answer: D
Section:

QUESTION 62
An administrator needs to report the write response time of an existing 3PAR StoreServ.
Which HPE tool should be used to respond to the need?

A. SAF Analyze

B. NinjaCrawler

C. SAF Collect

D. NinjaStars

Correct Answer: A
Section:

QUESTION 63
Refer to the Exhibit.

Qty	Product #	Product Description
1	H6Y96B	HPE 3PAR 8400 2N+SW Storage Field Base
8	K2P92B	HPE 3PAR 8000 600GB+SW 15K FE HDD
2	H6Z10A	HPE 3PAR StoreServ 8000 2-port 10Gb iSCSI/FCoE Adapter
1	Q2S13A	HPE 3PAR StoreServ RPS Service Processor
8	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable

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

Correct Answer: D
Section:

QUESTION 64
A customer requires a new backup solution for their VMware and Hyper-V environment, stored on a 3PAR 8400. They request a solution that will move the backup data across their storage network and allow for copying backup data to 3rd party cloud providers.
Which two components should you recommend? (Choose two.)

A. HPE StoreOnce 3640 with Catalyst

B. HPE Recovery Manager Central

C. Veeam Backup and Replication

D. Microsoft Data Protection Manager

E. Microsoft Storage Spaces Direct

Correct Answer: A, C
Section:

QUESTION 65
In preparation for a customer presentation, you need to be able to propose a solution that estimates power and weight requirements, and appropriate levels of power and cooling. You also need to determine weight-related requirements to install the solution in the data center.
What should you use?

A. HPE Synergy Planning Tool

B. HPE Server Memory Configurator

C. HPE Proposal Web

D. HPE Power Advisor

Correct Answer: A
Section:
Explanation:
"The Synergy Planning Tool is designed to guide proper system configuration, slotting, power and weight information for a Synergy Solution"

QUESTION 66
A customer is considering a hyperconverged solution to consolidate their current virtualization environment.
Which question should you ask to determine whether SimpliVity is the correct platform?

A. Which SAN switches are in your current environment?

B. How many VMs do you currently run?

C. What is the storage protocol you currently use to access local drives?

D. Are you booting hypervisors over PXE?

Correct Answer: B
Section:

QUESTION 67
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

Correct Answer: D
Section:

QUESTION 68
A customer is requesting new leaf switches for their 40-server virtualization farm. Their servers are currently equipped with 25GbE NICs.
Which switch family should you recommend?

A. HPE FlexFabric 5710 24SFP+ 6S+

B. HPE FlexFabric 12916E Switch with QSFP28 HB modules

C. HPE FlexFabric 5945 48SFP28 8QSFP28

D. HPE FlexFabric 5710 48XGT 2QSF28

Correct Answer: C
Section:

QUESTION 69
Which two metrics are key to guiding data placement decisions? (Choose two.)

A. capacity

B. cache utilization

C. power consumption

D. jitter

E. response time

Correct Answer: A, E
Section:

QUESTION 70
You are offering a startup service of StoreOnce 3620 to a customer.
Which customer need will require an additional Pointnext service?

A. installation of hardware to the rack

B. creation of the installation plan

C. validation of the StoreOnce System operation

D. installation of HPE StoreOnce Recovery Manager Central software

Correct Answer: D
Section:

QUESTION 71

You are designing a solution that will utilize HPE SimpliVity as the solution platform.
Which additional components are required and should be documented in your design? (Choose two.)

A. SCCM

B. HPE SimpliVity Arbiter Service

C. SCOM

D. vCenter or SCVMM

Correct Answer: B, D
Section:

QUESTION 72

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

Correct Answer: B
Section:

QUESTION 73

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

Correct Answer: C
Section:

QUESTION 74

Which HPE tool combines performance metrics from multiple arrays?

A. NinjaStars

B. SAF Analyze

C. NinjaCrawler

D. SAF Collect

Correct Answer: D
Section:

QUESTION 75

Which HPE Server family is purpose built for HPC workloads, Big Data Analytics, object storage, and enterprise service provider needs?

A. HPE ProLiant DL servers

B. HPE Apollo server

C. HPE Synergy servers

D. HPE Edgeline servers

Correct Answer: B
Section:

QUESTION 76
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

Correct Answer: C
Section:

QUESTION 77
A customer wants to replace their EMC VNX storage array with a new HPE storage solution.
Which tool can be used to gather metrics off of the current array to assist in sizing the new solution?

A. HPE DD Analyzer

B. HPE NinjaSTARS

C. HPE SAF Collector

D. HPE Storage Sizer

Correct Answer: C
Section:

QUESTION 78
A customer is looking to better manage their HPE Synergy-based VMware environment.
Which VMware extension will reveal critical trends in their environment?

A. HPE OneView for VMware vCenter

B. HPE OneView for VMware vRealize Operations

C. HPE OneView for VMware Operations Manager

D. HPE OneView for VMware vCenter Log Insight

Correct Answer: B
Section:

QUESTION 79

A large print shop customer is looking for a new SAN for their VMware cluster that is also able to directly provide file shares for their Apple Mac OS X desktops.
Which tool should you use to determine which SANs will natively support the customer's need?

A. HPE Product Bulletin

B. HPE One Config Advanced

C. HPE Assessment Foundry

D. HPE Single Point of Connectivity Knowledge

Correct Answer: D
Section:

QUESTION 80
Refer to the exhibit.

You are using NinjaStars to size a Nimble storage array to fulfill a customers requirements and you see the output shown in the exhibit. What should you change to make this a supported configuration?

A. Increase the SSD size to get a higher Flash-to-Disk ratio.

B. increase the size of selected disks to fulfill the requirement of 40 TB of capacity.

C. Increase the number of disks to fulfill the requirement of 40 TB of capacity.

D. Remove the 2-port 10 G baseT since the customer requires FC connectivity only

Correct Answer: D
Section:

QUESTION 81
Based on the scenario provided, which network switch should you recommend?

A. HPEFlexFabnc5710

B. HPE Aruba 5400

C. HPE FlexFabric 7900

D. HPE Aruba 8400

Correct Answer: A
Section:

QUESTION 82
A customer wants to deploy applications more rapidly. The solution must provide flexibility in deploying different workloads In an efficient, repeatable manner in virtualized and non-virtualized environments.
Which HPE solution provides this capability?

A. HPE Synergy

B. HPE SimphVrty

C. HPE FlexFabric infrastructure

D. HPE Composable Fabric

Correct Answer: A
Section:

QUESTION 83
A customer has an existing HPE MSA 2050 SAS. They need to add a DL380 GenlO server running VMware ESXI 6.7 The customer would also like to boot from shared storage with this new DL380 Gen10 server Which tool should you use to determine an appropriate DL380 Gen10 server HBA and its required firmware version to support boot from shared storage for this configuration'?

A. HPE Single Point of Connectivity Knowledge

B. HPE Storage Sizer

C. HPE Product Bulletin

D. HPE One Config Advanced

Correct Answer: D
Section:

QUESTION 84
DRAG DROP
Match each feature to the correct storage platform

Select and Place:

Answer Area

Storage Platform	Feature
	Active-Active Architecture
	Active-Standby Architecture
	Deduplication and Compression support
	Granular Encryption
	Unified block and file access at the array

HPE 3PAR StoreServ

HPE Nimble Storage

Correct Answer:

Answer Area

Storage Platform	Feature
HPE Nimble Storage	Active-Active Architecture
HPE Nimble Storage	Active-Standby Architecture
HPE 3PAR StoreServ	Deduplication and Compression support
HPE Nimble Storage	Granular Encryption
HPE 3PAR StoreServ	Unified block and file access at the array

HPE 3PAR StoreServ

HPE Nimble Storage

Section:

Explanation:

Reference:

https://assets.ext.hpe.com/is/content/hpedam/documents/a00072000-2999/a00072117/a00072117enw.pdf

https://h20195.www2.hpe.com/V2/GetPDF.aspx/a00006358enw.pdf

https://www.insight.com/en_US/content-and-resources/product-overviews/hpe-nimble-storage.html

QUESTION 85

HOTSPOT

During Synergy solution onboarding, the customer asks about a firmware overview of all the compute modules at once.

Click where you can access the information.

Hot Area:

OneView ▾

GENERAL	SERVERS	HYPERVISORS	NETWORKING	STORAGE	FACILITIES	
Dashboard	Server Profiles	Hypervisor Cluster Profiles	Networks	Volumes	Data Centers	Settings
Activity	Server Profile Templates	Hypervisor Profiles	Network Sets	Volume Templates	Racks	Users and Groups
Firmware Bundles	Enclosure Groups	Hypervisor Managers	Logical Interconnect Groups	Volume Sets	Power Delivery Devices	Hardware Setup
Reports	Logical Enclosures		Logical Interconnects	Storage Pools	Unmanaged Devices	OS Deployment Servers
	Enclosures		Interconnects	Storage Systems		
	Server Hardware			SANs		
	Server Hardware Types		Logical Switch Groups	SAN Managers		
			Logical Switches	Drive Enclosures		
			Switches	Logical JBODs		
			Fabric Managers			

Answer Area:

OneView ▾

GENERAL	SERVERS	HYPERVISORS	NETWORKING	STORAGE	FACILITIES	
Dashboard	Server Profiles	Hypervisor Cluster Profiles	Networks	Volumes	Data Centers	Settings
Activity	Server Profile Templates	Hypervisor Profiles	Network Sets	Volume Templates	Racks	Users and Groups
Firmware Bundles	Enclosure Groups	Hypervisor Managers	Logical Interconnect Groups	Volume Sets	Power Delivery Devices	Hardware Setup
Reports	Logical Enclosures		Logical Interconnects	Storage Pools	Unmanaged Devices	OS Deployment Servers
	Enclosures		Interconnects	Storage Systems		
	Server Hardware			SANs		
	Server Hardware Types		Logical Switch Groups	SAN Managers		
			Logical Switches	Drive Enclosures		
			Switches	Logical JBODs		
			Fabric Managers			

Section:
Explanation: