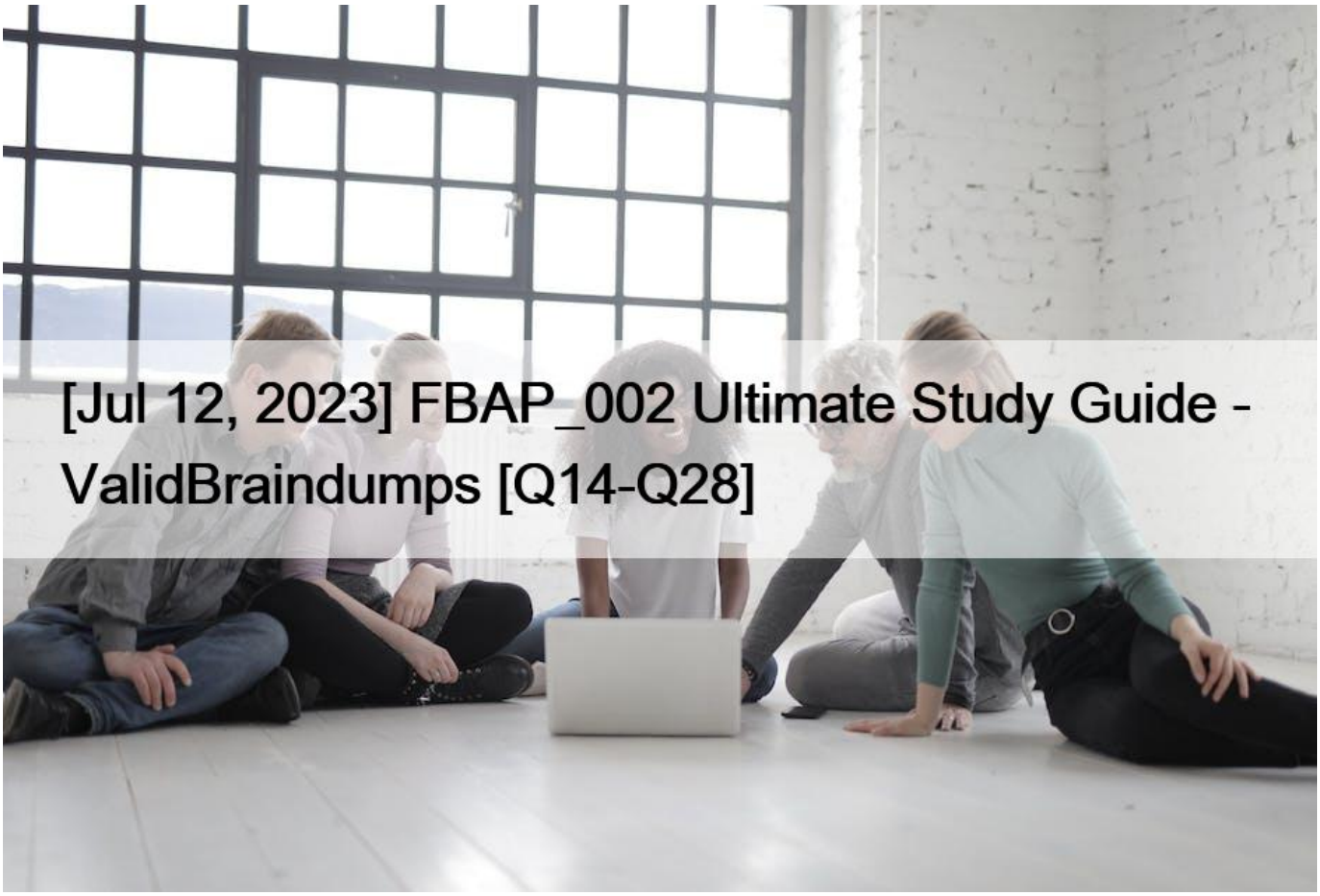
[Jul 12, 2023 FBAP_002 Ultimate Study Guide - ValidBraindumps [Q14-Q28



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Ultimate Guide to Prepare FBAP_002 Certification Exam for FlashBlade Architect Professional in 2023

NEW QUESTION 14

A customer has an existing Flashblade with 13x52TB blades in a single-chassis configuration and needs more capacity for a new application coming online in the next few weeks. The architect has determined they need an additional four blades.

How many additional rack units are required to accommodate the new blades?
* 12
* 10
* 6
* 4 ***

NEW QUESTION 15

A customer reports far lower than expected performance on the FlashBlade, in a Oracle RMAN backup solution. The environment consists of four Oracle database nodes, each with 1x10Gb/s NIC, connected via NFS, to a fully populated FlashBlade chassis. Only a

small number of blades are being used. Synthetic performance testing shows no performance issues in the network.

What should the architect suggest to causing this issue?
* Oracle RMAN uses HCC compression, so this a poor use case for FlashBlade.
* dNFS is not enabled on the Oracle nodes or the number of RMAN channels is too low. ***
* The sustained write performance of a 15 blade FlashBlade is 1.5GB/s
* The FlashBlade only has 8x10Gb/s uplink connectivity to the customer’s top of rack switches.

NEW QUESTION 16

A customer has noticed their all-flash arrays are constantly running at or near 100% load and impacting application performance. They are running dozens of applications on the arrays and ask for help to identify some workloads that could be moved to another storage system to reduce load and improve overall performance of all applications.

Which (three) workload or data characteristics should an architect look for to identify potential candidates for migration to FlashBlade? (Choose three.)
* Applications requiring high throughput ***
* Large number of simultaneous connections
* Applications that can use NFS or S3 ***
* Highly transactional application.
* Low latency is critical to application performance. ***

NEW QUESTION 17

A customer is deploying a FlashBlade into a datacenter where the top of rack switches cannot be configured into a single LAG.

Which two actions are necessary to configure the FlashBlade to use both switches? (Choose two.)
* Create multiple exports
* Create multiple VIPs
* Create multiple LAGs ***
* Use round robin load balancing
* Use a multi-chassic configuration. ***

NEW QUESTION 18

A customer has an application that needs to prioritize speed for untrusted applications to put large numbers of files on an NFS export. Which NFS Export options should be used?
* *(ro, async, root_squash)
* *(rw, async, root_squash)
* *(ro, sync, no_root_squash)
* *(rw, sync, root_squash) ***

NEW QUESTION 19

What must an architect do to delete a filesystem?
* Unmount the file system from clients
* Turn off the system services
* Enable Fast Remove ***
* Take a snapshot and then remove file system

NEW QUESTION 20

Which two Ethernet speeds do the External Fabric Modules support for data? (Select two.)
* 100Gb/s ***
* 25Gb/s
* 40Gb/s ***
* 50Gb/s
* 1Gb/s

NEW QUESTION 21

A customer wants to use FlashBlade as storage for a business critical, high-traffic SQL server. Why will this architecture fail?
* The FlashBlade will share the database onto different blades. ***
* The inherent latency of NAS will disrupt the SQL server operations.
* The FlashBlade will be unable to scale large enough for a big SQL DB.
* The customer will NOT have the knowledge to run a SQL server on NAS. Lmao

NEW QUESTION 22

A customer is interested in deploying Splunk for their infrastructure logs. They will not be replicating the Splunk environment to another site, anticipate a 2TB per day ingest rate, and want to be able to easily scale their indexers independent of their storage.

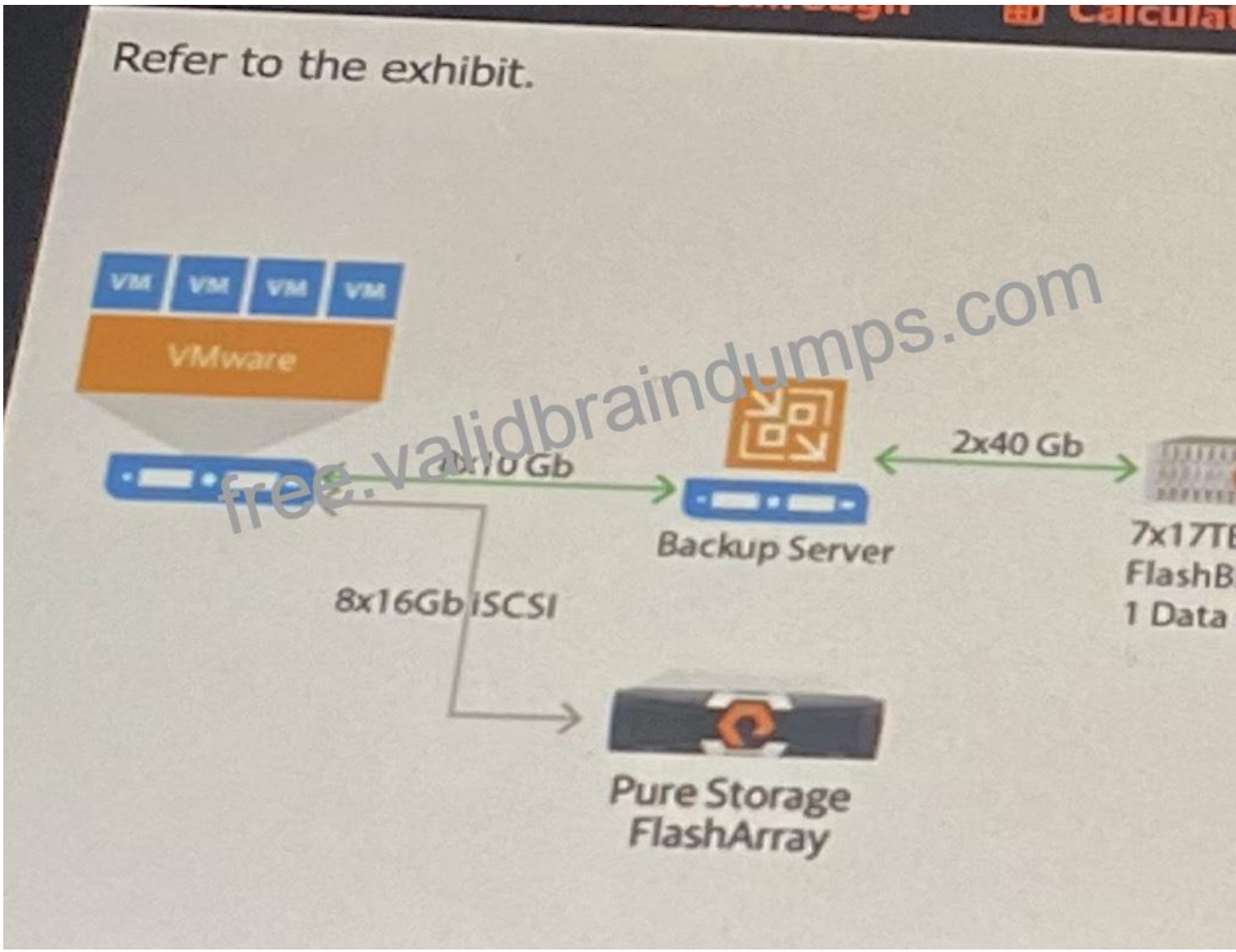
How should the architect recommend that the customer deploy Splunk?
* Spluck Classic on FlashArray
* Spluck Classic on FlashBlade
* Spluck SmartStore on FlashBlade ***
* Spluck SmartStore on FlashArray

NEW QUESTION 23

A customer asks an architect to help troubleshoot low throughput in their high-performance compute (HPC) environment. All 70 HPC nodes have a single 10Gb connection to a 96 port 10Gb switch. The FlashBlade is connected to their dedicated HPC switch with 8x10Gb connections. The HPC application is using a single shared S3 bucket for the data being processed.

Which change is needed to increase throughput?
* Add more uplinks to the HPC switch. ***
* Add more VLANS to FlashBlade.
* Add more IPs to the existing VLAN
* Add more nodes to the HPC cluster

NEW QUESTION 24



A customer decides to use S3 as a protocol between the Backup Server to FlashBlade. The Backup Application S3 client in multi-threaded. What is the expected maximum restore throughput?

* ~10Gb/s
* ~80Gb/s ***
* ~70Gb/s
* ~20Gb/s

NEW QUESTION 25

After revising Cloud-First strategy, a customer’s CFO asks an architect to recommend which workloads should be moved to FlashBlade.

Which two workloads will be successful on FlashBlade? (Select two.)

* Point of Sale using Oracle OLTP.
* Annual reporting using Oracle Warehouse. ***
* Real Time Gaming Application using MySQL DB.

* AI/ML TensorFlow Model. ***
* Highly Sensitve Training Application that requires synchronous replication.

NEW QUESTION 26

What happens when a blade is added to an existing 7x17TB FlashBlade system?
* The system gains ~1GB of write performance and ~15TB of capacity.
* The system gains ~1GB of read performance and ~15TB of capacity.***
* The system notifies support via Pure1 and waits for blade acknowledgement.
* The system gains additional fault tolerance and increases the reserve capacity.

NEW QUESTION 27

A FlashBlade is designed with a properly implemented single 4x40Gb/s LAG.

During implementation, the architect is informed that the ISL on the uplink switches in broken. The customer has no budget to repair or replace it. What should the architect do?
* Divide the single LAG into one LAG per switch. ***
* Change out the 40Gb/s cable for breakout cable.
* Using the same LAG, create a second subnet and VIP.
* Remove all uplink from FM2.

NEW QUESTION 28

How many rack units does a FlashBlade system with 39 blades consume?
* 12
* 14 ***
* 20
* 39

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