# Free Questions for FBAP_002 by vceexamstest

## Shared by Romero on 12-12-2023

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# Question 1

**Question Type:** MultipleChoice

A customer has two workflows. One workflow can use either SMB 3.0 or ISCSI. The other only leverage NFS.

What should the architect recommend as a strategy?

## Options:

**A-** Use FlashBlade for both environments

**B-** Use block storage for both environments

**C-** Use block storage for NFS and FlashBlade for ISCSI

**D-** Use block storage for ISCSI and FlashBlade for NFS. ***

## Answer:

D

# Question 2

**Question Type:** MultipleChoice

A company has a datacenter with a lot of electromagnetic interference. Their switches are 9m away from the FlashBlade and do NOT support speed faster than 10Gb/s.

Which cable should the architect use?

### Options:

**A-** Shielded ethernet cable. ***

**B-** Passive Twinax cable.

**C-** Fiber optic cable.

**D-** Active Twinax cable.

### Answer:

A

## Question 3

**Question Type:** **MultipleChoice**

A customer has a 7x52TB system and reports poor workload performance.

The customer provides the following information:

1. The customer has 4 host connecting using NFS.

2. The environment is running VMware with 300 VMs.

3. The FlashBlade is connected to the customer network using 4x40Gb/s links

What is causing this issue?

### Options:

**A-** The environment does NOT have enough concurrency to the FlashBlade.

**B-** The environment does NOT have properly configured jumbo frames.

**C-** The customer must buy more blade to improve performance. ***

**D-** The customer must configure and optimal I/O size for the file system.

### Answer:

C

## Question 4

**Question Type:** MultipleChoice

Which two network configurations must be present for FlashBlade to server data? (Select two.)

### Options:

**A-** Duplex set to Auto

**B-** LAG(s) ***

**C-** Active/active port-channel ***

**D-** A reachable SMTP server

**E-** A reachable SNMP server

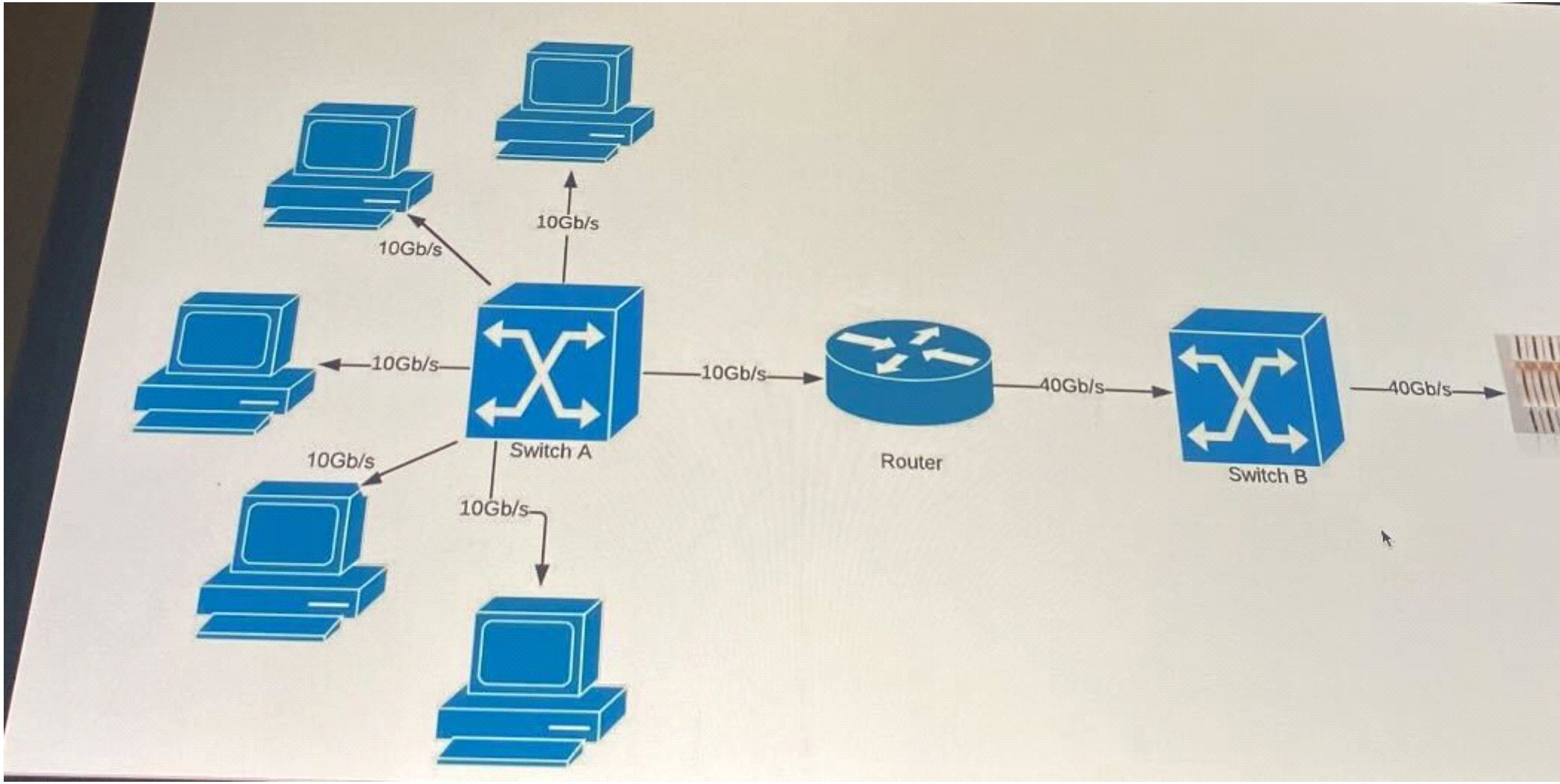
### Answer:

B, C

# Question 5

**Question Type:** MultipleChoice

Refer to the exhibit.




The customer reports that the end clients shown in the diagram are NOT completing jobs on time. Each client writes 300MB/s to the FlashBlade for 45 minutes every hour, and they run concurrently. What does the architect need to do?

## Options:

**A-** Increase the number of DataVIPs available to the clients.

**B-** Add additional mount point on each client.

**C-** Increase bandwidth between Switch A and the Router.

**D-** Stagger the job start times between the clients. ***

## Answer:

D

# Question 6

**Question Type:** **MultipleChoice**

A customer practices agile development, and they are having performance issues with builds of the most actively developed software suite as they attempt additional concurrent builds. What is causing the issue?

## Options:

**A-** Locking of shared library files during compilations.

**B-** Latency between the compilation server and the legacy storage. ***

**C-** Jumbo frames are NOT configured correctly.

**D-** Legacy storage does NOT have enough uplinks.

### Answer:

B

# Question 7

**Question Type:** MultipleChoice

What is the support speed of the out-of-bound management port?

### Options:

**A-** 100Mb/s

**B-** 10Gb/s

**C-** 1Gb/s ***

**D-** 10Mb/s

## Answer:

C

# Question 8

**Question Type:** MultipleChoice

A architect is reading a customer's network diagram and notices that they are using a SAS-based NAS for a 12TB physical database server.

What does this assume about the customer?

## Options:

**A-** They are cost sensitive.

**B-** They are latency sensitive

**C-** They are NOT concerned with database performance. ***

**D-** They prefer storage with built-in data reduction.

## Answer:

C

# Question 9

**Question Type:** MultipleChoice

A customer map application is built with a containerized micro-service infrastructure that runs on Windows and accesses storage using SMB.

Each container is stateless, but every end user interaction leaves a set of small text and image files. Each directory keeps all daily transaction files. A process exists to manage file life cycle and periodically delete a directory.

The customer notices that as the customer base grows, the background deletion process backlog also grows. Which FlashBlade technology should be used to resolve this issue?

## Options:

**A-** Enabling concurrent data access for NFS and SMB.

**B-** Enabling concurrent data access for NFS and HTTP.

**C-** Enabling fast-remove for NFS and SMB. ***

**D-** Reducing resource utilization for FlashBlade garbage collection.

## Answer:

C

# Question 10

**Question Type:** MultipleChoice

A developer of a business-critical application is concerned about system reliability when it comes to a IO resistance. An architect needs to explain the FlashBlade write mechanism and address three main concerns:

- Data location when FlashBlade acknowledge a write

- Number of created data copies before FlashBlade acknowledges a write

- Blade failure resilience

When does write acknowledgement happen?

## Options:

**A-** When data is written onto Flash. ***

**B-** When data is written NvRAM on three different blades.

**C-** When data is written NvRAM on two different blades.

**D-** When data is written NvRAM on a super capacitor.

### Answer:

A

# Question 11

**Question Type:** **MultipleChoice**

An HPC environment has the following:

- 100 physical hosts, each with a single 10GbE NIC, and a single NFS mount point to the FlashBlade.

- A 7x52TB FlashBlade, connected to the Top-of-Rack switches via eight 40GbE connections.

What is the maximum aggregate write throughput the customer should expect from the FlashBlade?

### Options:

**A-** Approximately 7 GB/s

**B-** Approximately 4.2 GB/s

**C-** Approximately 4 GB/s

**D-** Approximately 2.1 GB/s ***

## Answer:

D

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