# Free Questions for FBAP_002 by certscare

## Shared by Villarreal on 15-04-2024

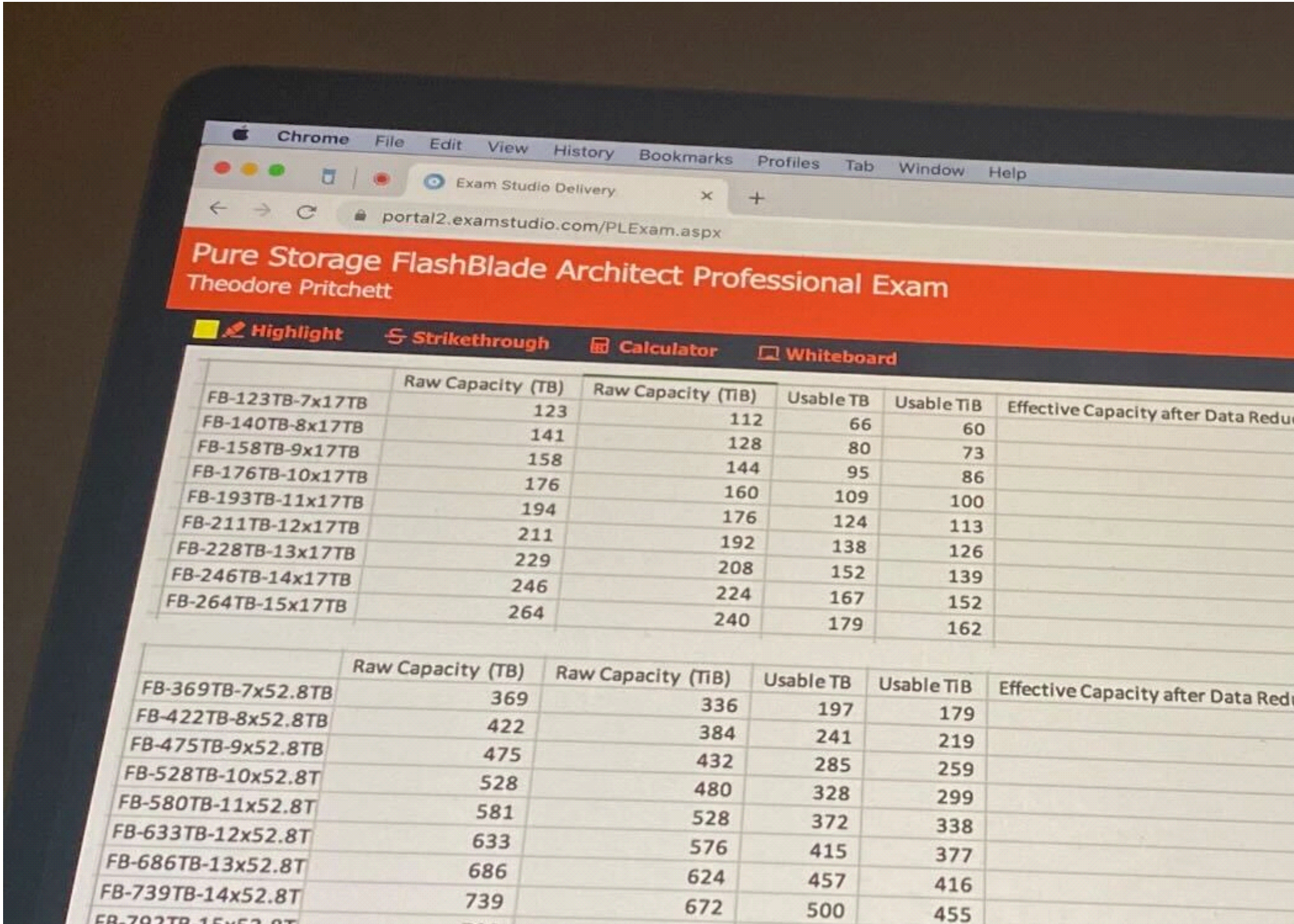
**For More Free Questions and Preparation Resources**

**Check the Links on Last Page**

# Question 1

**Question Type:** MultipleChoice

Refer to the exhibit.




| | Raw Capacity (TB) | Raw Capacity (TiB) | Usable TB | Usable TiB | Effective Capacity after Data Redu |
|---|---|---|---|---|---|
| FB-123TB-7x17TB | 123 | 112 | 66 | 60 | |
| FB-140TB-8x17TB | 141 | 128 | 80 | 73 | |
| FB-158TB-9x17TB | 158 | 144 | 95 | 86 | |
| FB-176TB-10x17TB | 176 | 160 | 109 | 100 | |
| FB-193TB-11x17TB | 194 | 176 | 124 | 113 | |
| FB-211TB-12x17TB | 211 | 192 | 138 | 126 | |
| FB-228TB-13x17TB | 229 | 208 | 152 | 139 | |
| FB-246TB-14x17TB | 246 | 224 | 167 | 152 | |
| FB-264TB-15x17TB | 264 | 240 | 179 | 162 | |

| | Raw Capacity (TB) | Raw Capacity (TiB) | Usable TB | Usable TiB | Effective Capacity after Data Redu |
|---|---|---|---|---|---|
| FB-369TB-7x52.8TB | 369 | 336 | 197 | 179 | |
| FB-422TB-8x52.8TB | 422 | 384 | 241 | 219 | |
| FB-475TB-9x52.8TB | 475 | 432 | 285 | 259 | |
| FB-528TB-10x52.8T | 528 | 480 | 328 | 299 | |
| FB-580TB-11x52.8T | 581 | 528 | 372 | 338 | |
| FB-633TB-12x52.8T | 633 | 576 | 415 | 377 | |
| FB-686TB-13x52.8T | 686 | 624 | 457 | 416 | |
| FB-739TB-14x52.8T | 739 | 672 | 500 | 455 | |

An architect need to create capacity sizing of FlashBlade to move data from a 6-year old EMC-Dell Isilon. The current Isilon solution consumes almost 1.3PB. There are three workloads:

- Warehouse application (40 TB, estimated compression ratio 2:1, IO size 8K)

- Images (20 TB, estimated compression ratio 1.0:1 average image size 1M)

- Log files (40 TB, estimated compression ratio 4:1, average file size 4k)

What is the required FlashBlade configuration?

## Options:

**A-** 7x17TB blades ***

**B-** 15x17TB blades

**C-** 15x52TB blades

**D-** 42x52TB blades

## Answer:

A

# Question 2

**Question Type:** MultipleChoice

Which two Ethernet speeds do the External Fabric Modules support for data? (Select two.)

## Options:

**A-** 100Gb/s ***

**B-** 25Gb/s

**C-** 40Gb/s ***

**D-** 50Gb/s

**E-** 1Gb/s

## Answer:

A, C

# Question 3

**Question Type:** MultipleChoice

A customer's application runs slowly on their HDFS cluster. The customer is only using a small subset of the data on the cluster.

What is causing the issue?

### Options:

**A-** Data Locality

**B-** Data Consistency

**C-** Data Availability ***

**D-** Data Efficiency

### Answer:

C

# Question 4

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

A customer is using an older nearline SAS scale-out storage system to store data that is a static size. The customer recently purchased several HPC appliances to use that data.

What happens to the workflow?

### Options:

**A-** The older storage system does NOT use the same protocols as the newer HPC appliances.

**B-** The older storage system us unable to fulfill the performance demands of the newer HPC appliances. ***

**C-** The older storage system us unable to keep up with the capacity demands of the newer HPC appliances.

**D-** The older storage system us unable to use the same network infrastructure as the newer HPC appliances.

### Answer:

A

## Question 5

**Question Type:** MultipleChoice

What type of network connection load balancing does FlashBlade use?

### Options:

**A-** ECMP (Equal Cost Multipathing) ***

**B-** DNS (Round Robin)

**C-** BGP (Border Gateway Protocol)

**D-** Sticky Session (Session Persistence)

### Answer:

A

# Question 6

**Question Type:** MultipleChoice

A customer wants to use FlashBlade as storage for a business critical, high-traffic SQL server. Why will this architecture fail?

### Options:

**A-** The FlashBlade will share the database onto different blades. ***

**B-** The inherent latency of NAS will disrupt the SQL server operations.

**C-** The FlashBlade will be unable to scale large enough for a big SQL DB.

**D-** The customer will NOT have the knowledge to run a SQL server on NAS. Lmao

### Answer:

A

## Question 7

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

A customer is architecting a new distributed application in their datacenter.

Which network device should be used for optimal network performance?

### Options:

**A-** Switch ***

**B-** Router

**C-** Hub

**D-** Firewall

## Answer:

A

# Question 8

**Question Type:** MultipleChoice

What is the speed of the connections between individual blades and the midplane?

## Options:

**A-** 1Gb/s

**B-** 10Gb/s ***

**C-** 40Gb/s

**D-** 100Gb/s

## Answer:

B

# Question 9

**Question Type:** MultipleChoice

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?

## Options:

**A-** Add more uplinks to the HPC switch. ***

**B-** Add more VLANS to FlashBlade.

**C-** Add more IPs to the existing VLAN

**D-** Add more nodes to the HPC cluster

## Answer:

A

# Question 10

**Question Type:** MultipleChoice

A customer is using the FlashBlade as an image database backup/restore target. The dataset that they are backing up is 100TB. The customer has a 5-day snapshot retention policy, and an average of 50TB of data change from day to day.

Which factor will alter the physical datasize?

## Options:

**A-** Erasure Coding

**B-** Write Size ***

**C-** RAID Overhead

**D-** Snapshot Retention

## Answer:

A

**To Get Premium Files for FBAP_002 Visit**

https://www.p2pexams.com/products/fbap_002

**For More Free Questions Visit**

https://www.p2pexams.com/pure-storage/pdf/fbap-002