**Exam Code:** HP0-240

**Exam Name:** Supporting the Virtual Array(VA) Storage Family

**Vendor:** HP

**Version:** DEMO

# Part: A

1: A customer has an entry-level VA cluster solution using MS Windows. A Fibre Channel fabric infrastructure will be installed at a later date. The solution must support two servers in a Windows cluster and provide path failover functionality.  Which VA will best suit this customer environment with the least additional investment?

A.VA7100

B.VA7110

C.VA7400

D.VA7410

**Correct Answers: D**

2: Which types of interface can be used with AutoPath VA for configuration and maintenance purposes? Select TWO.

A.GUI

B.Virtual Front Panel

C.CVUI

D.CLI

E.LVC

**Correct Answers: A D**

3: Business Copy licenses are based on the _____.

A.number of hosts in the SAN

B.amount of raw capacity on the VA

C.number of hosts in the SAN and the amount of raw capacity on the VA

D.number of switch ports in the SAN

**Correct Answers: B**

4: A customer has a VA7110 with a 1024 MB cache and requests an upgrade to the maximum capacity. What must be ordered?

A.1 x A6187B 1024 MB cache for VA processor

B.2 x A6187B 1024 MB cache for VA processor

C.2 x A6186A 512 MB cache for VA processor

D.4 x A6186A 512 MB cache for VA processor

**Correct Answers: B**

5: Which components are integrated into the Command View SDM management framework? Select TWO.

A.Secure Manager

B.AutoPath

C.Business Copy

D.Virtual Front Panel

E.Zoning

**Correct Answers: A C**

6: What is the total raw capacity that can be fitted into a 42U rack that has two fully populated VA7410s?

A.10 TB

B.20 TB

C.30 TB

D.40 TB

**Correct Answers: C**

7: A customer wants to upgrade a VA7100 to be 2 Gb/s capable. Which accessories must be ordered? Select TWO.

A.2 x A6218A 7410 VA processor

B.single mode Fibre Channel cables

C.2 x A6183AE VA enclosure

D.2 x A6187A 1024 MB cache (single DIMM)

E.longwave GBIC modules

**Correct Answers: A D**

8: With HP18 installed and AutoRAID enabled, which RAID level is primarily used for frequently-written data?

A.RAID 1+0

B.RAID 5 DP

C.RAID 1+0 and RAID 5 DP

D.RAID 1+0 and VRAID

**Correct Answers: A**

9: Which disk capacity is NOT supported on the VA7100 and VA7400?

A.18 GB

B.36 GB

C.73 GB

D.146 GB

**Correct Answers: D**

10: AutoInclude and AutoFormat are enabled. Rebuild is disabled. What happens when you move a disk from Redundancy Group 1 to Redundancy Group 2?

A.Nothing.

B.The disk remains in Redundancy Group 1 and data can still be accessed.

C.You must first enable this by using the VFP command -g1 -g2 -on.

D.You must first enable this by using the VFP command cfg -g1 -g2 -on.

**Correct Answers: B**

11: You are installing a VA7110 with one Fibre Channel (FC) switch and 2 HP/UX servers. After completing the installation and configuration, you change the Domain ID on the FC switch. What will happen?

A.The VA shuts down.

B.The HP-UX hardware path changes.

C.The switch shuts down.

D.The server shuts down.

**Correct Answers: B**


12: Installing a VA7110 with a total capacity of 60 disks is _____.

A.possible with 3 disk enclosures DS2405

B.possible with 4 disk enclosures DS2400

C.possible with 4 disk enclosures DS2405

D.not possible

**Correct Answers: D**


13: What happens to the data in the write cache after it has been written to disk?

A.It is kept in cache but space is marked as vailable".

B.It will be deleted from cache.

C.It remains in cache for at least the next 4 seconds.

D.It is kept in cache but space is marked as pot available".

**Correct Answers: A**


14: How does a VA online controller firmware upgrade impact hosts and data accessibility?

A.Hosts have to be offline to prevent data corruption.

B.Hosts and switches have to be offline.

C.Hosts and LUNs can be online, but I/O from the VA will pause for approximately 10-30 seconds.

D.Hosts and LUNs can be online, but disk rescan should be initiated after the upgrade.

**Correct Answers: C**


15: Which performance metrics are available exclusively for the VA7410? Select TWO.

A.per controller

B.per LUN

C.per HOSTPORT

D.per device

E.per JBODPORT

**Correct Answers: C E**