

# EMC

## Exam E20-260

### VPLEX Specialist Exam for Implementation Engineers

Version: 8.0

[ Total Questions: 210 ]

**Question No : 1**

Which VPLEX volume contains virtual-to-physical mapping information?

- A. Logging volume
- B. Metadata volume
- C. Virtual volume
- D. Repository volume

**Answer: B**

**Question No : 2**

A customer has a VPLEX Metro configuration across two data centers 200 km apart. During an overnight backup, the WAN-COM link between the two data centers fails.

Which volume allows for future incremental re-synchronization with the remote mirror once the link is restored?

- A. Logging Volume
- B. Storage Volume
- C. Metadata Volume
- D. Virtual Volume

**Answer: A**

**Question No : 3**

What is the maximum supported latency for a VPLEX Metro implementation?

- A. 2 ms
- B. 50 ms
- C. 5 ms
- D. 15 ms

**Answer: C**

**Question No : 4**

medium-sized VPLEX clusters are connected via IP with a round-trip latency of approximately 35 ms.

What type of configuration is this?

- A. Geo
- B. Metro
- C. Local
- D. Global

**Answer: A**

**Question No : 5**

What is the total number of engines for a small VPLEX Metro configuration?

- A. 1
- B. 8
- C. 4
- D. 2

**Answer: D**

**Question No : 6**

A customer wants to implement VPLEX between two datacenters 200 km apart. The latency between the sites is 15 ms.

Which VPLEX topology is recommended?

- A. Metro
- B. Geo
- C. Local
- D. Global

**Answer: B**

**Question No : 7**

When creating logging and metadata volumes, which LUN requirement applies to both volumes?

- A. Array LUNs must be zeroed-out.
- B. Array LUNs must be RAID 0
- C. Array LUNs must be thin.
- D. Array LUNs must be RAID 1

**Answer: A**

**Question No : 8**

How much distributed storage can be managed by a 20 GB logging volume?

- A. Up to 960 TB
- B. Up to 320 TB
- C. Up to 640 TB
- D. Up to 1.2 PB

**Answer: C**

**Question No : 9**

What is the maximum cache of a single engine in a medium VPLEX VS2 cluster?

- A. 72 GB
- B. 36 GB
- C. 144 GB
- D. 78 GB

**Answer: A**

**Question No : 10**

A dual fan failure occurs on a single VPLEX engine.

What will be the result?

- A. The engine will shut down immediately.
- B. Director B only will shut down.
- C. Director A only will shut down.
- D. The engine will shut down after three minutes.

**Answer: D**

**Question No : 11**

What is the purpose of I/O module 2 in a the VPLEX VS2 hardware configuration?

- A. WAN-COM connectivity
- B. Front-end connectivity
- C. Back-end connectivity
- D. Local-COM connectivity

**Answer: A**

**Question No : 12**

You present additional LUNs to VPLEX. Which command must be executed to make them visible to VPLEX?

- A. Array discover
- B. Array re-discover
- C. Array claim
- D. Storage-volume find-array

**Answer: B**

**Question No : 13**

What are key benefits of storage virtualization with VPLEX?

- A. Ease of consolidations; device mobility; simplifying management; provisioning of multiple arrays.
- B. Consolidations; point-in-time backups; simplifying management; third-party array support.
- C. Device performance; point-in-time backups; third party array support; device mobility
- D. Synchronous SAN extension across long distances; device mobility; and third-party array support

**Answer: D**

**Question No : 14**

What three elements are part of the VPLEX Storage View?

- A. VPLEX FE Port  
Top-Level Device  
Host IP address
- B. VPLEX FE Port  
Initiator Port  
Virtual Volume
- C. VPLEX BE Port  
VPLEX FE Port  
Virtual Volume
- D. VPLEX BE Port  
Initiator Port  
Virtual Volume

**Answer: B**

**Question No : 15**

A host attempted a read from a volume in a VPLEX Metro configuration. The data does not exist in cache at all.

What process does VPLEX use to service the read request?

- A. VPLEX first searches the local cache for the data, then the cache coherency directory before reading from the array.
- B. VPLEX first searches the cache coherency directory for the data before reading from the array.
- C. VPLEX first searches the local cache for the data before reading from the array.
- D. VPLEX first searches the cache coherency directory for the data, and then searches the local cache before reading from the array.

**Answer: A**

**Question No : 16**

In the distributed cache architecture, how much local cache does a VS2 director have?

- A. 36GB
- B. 64GB
- C. 32GB
- D. 72GB

**Answer: C**

**Question No : 17**

Which command allows you to navigate vplexcli history by string?

- A. CTRL + R string
- B. history find string
- C. history | grep string
- D. UP arrow key

**Answer: A**

**Question No : 18**

Which command-line option can be invoked within VPllexcli as a task to recognize and use new LUNs provisioned to a cluster?

- A. storage-volume discover
- B. storage-volume resurrect
- C. storage-volume find-array
- D. storage-volume claim

**Answer: D**

**Question No : 19**

In which directory is a session log file created whenever the Management Console is launched?

- A. /var/log/VPlex/cli/
- B. /var/log/sessions
- C. /diag
- D. /tmp/log/sessions

**Answer: A**

**Question No : 20**

You are using VPLEX Unisphere to perform management functions in your environment. You are tasked with creating several volume migrations to a new storage array.

What tab should you use to perform this migration?

- A. Provision Storage
- B. Mobility Central
- C. System Status
- D. Performance Dashboard

**Answer: B**

**Question No : 21**

Following EMC best practices, what information is required to register a VPLEX on an ESRS portal?



- A. Site ID; cluster TLA serial number; Management server eth3 IP address
- B. License ID; engine serial number; Management server eth3 IP address
- C. Site ID; engine serial number; Management server eth3 IP address
- D. Site ID; cluster TLA serial number; Witness IP address

**Answer: A**

**Question No : 22**

When inspecting a VS1 director's status LEDs, you see that a status LED is blue. What does this indicate?

- A. The VPLEX Standby Power Supply battery is low.
- B. GeoSynchrony code cannot be downloaded from the Management Server
- C. The director is downloading GeoSynchrony code from the Management Server.
- D. The VPLEX cannot connect with the other cluster

**Answer: C**

**Question No : 23**

You are preparing a site for a large Metro VPLEX cluster. The storage administrator wants to prepare the storage network configuration and needs to ensure easy troubleshooting of storage path faults.

How many WAN-COM zones per fabric will need to be created?

- A. 16
- B. 12
- C. 8
- D. 32

**Answer: A**

**Question No : 24**

You are preparing a site for a large Metro VPLEX cluster. The storage administrator wants

to prepare the storage network configuration and needs to ensure easy troubleshooting of storage path faults.

How many WAN-COM zones will need to be created?

- A. 24
- B. 16
- C. 8
- D. 32

**Answer: D**

**Question No : 25**

What can you use to generate a list of VPLEX fabric initiator and target identifiers?

- A. WWN Utility
- B. Procedure Generator
- C. Powerlink
- D. Command Line

**Answer: A**

**Question No : 26**

When configuring a VPLEX local cluster, according to EMC best practices, how many metadata volumes are required?

- A. 3
- B. 4
- C. 2
- D. 1

**Answer: B**

**Question No : 27**