

DUMPS ARENA

VPLEX Specialist Exam for Implementation Engineers

EMC E20-260

Version Demo

Total Demo Questions: 15

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QUESTION NO: 1

What components are required to create a storage view?

- A. One or more BE ports; One or more devices; Metadata volume and Logging Volumes
- B. One or more Host Initiators; One or more Virtual Volumes; One or more FE ports
- C. One or more FE ports; One or more BE ports; One or more Virtual Volumes
- D. One or more Host Initiators; One or more extents; One or more BE ports

ANSWER: B**QUESTION NO: 2**

A customer has just introduced a new VPLEX cluster into their storage environment with numerous existing storage arrays. They need to present the host's existing data from the VPLEX cluster.

Which method would you use to perform this operation?

- A. Distribute
- B. Stripe
- C. Concatenate
- D. Encapsulate

ANSWER: D**QUESTION NO: 3**

Refer to the exhibit.



You have opened the VPLEX Unisphere Manager to validate the health of the system.

What is the most likely reason for the Operational Status indicator?

- A. The VPLEX Witness has detected a WAN link failure.
- B. A component is in a degraded state in the cluster.
- C. Cluster-1 has lost management IP connection to cluster-2
- D. The cluster-1 management server has failed.

ANSWER: B

QUESTION NO: 4

Do virtual volumes need to be taken off-line prior to upgrading VPLEX software, and why or why not?

- A. Yes, to preserve data integrity
- B. Yes, because the host-based multi-pathing software provides direct access during the upgrade
- C. No, because VPLEX software can be upgraded non-disruptively
- D. No, because the upgrading can be undone

ANSWER: C**QUESTION NO: 5**

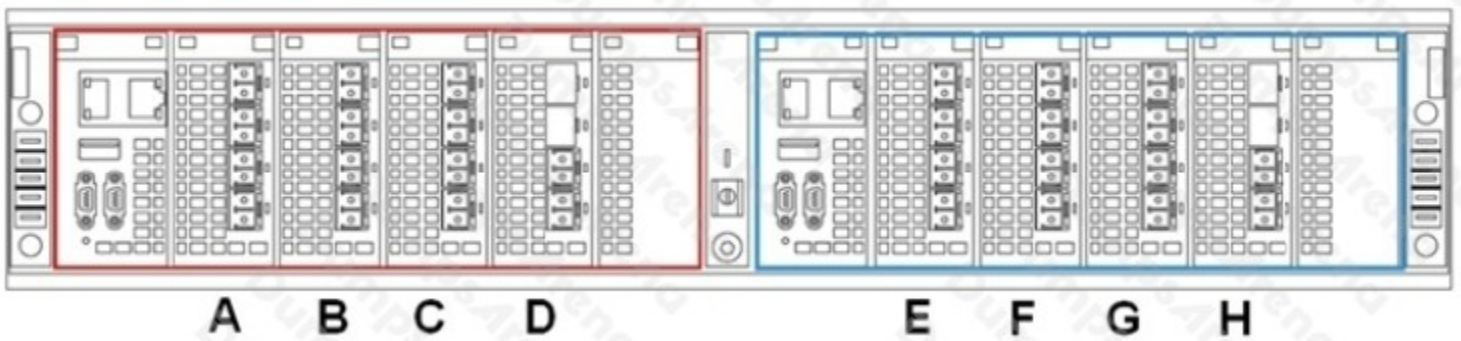
You created a synchronous consistency group, which contains two distributed volumes configured with the rule "set cluster-1-detaches".

What is the expected behavior of the virtual volumes in the event of a WAN-COM failure?

- A. cluster-2 is declared the winner after 5 seconds and I/O will continue at that cluster.
- B. I/O will continue at both clusters.
- C. I/O will be suspended at both clusters until the WAN-COM is repaired.
- D. cluster-1 is declared the winner after 5 seconds and I/O will continue at that cluster.

ANSWER: A**QUESTION NO: 6**

Refer to the exhibit.

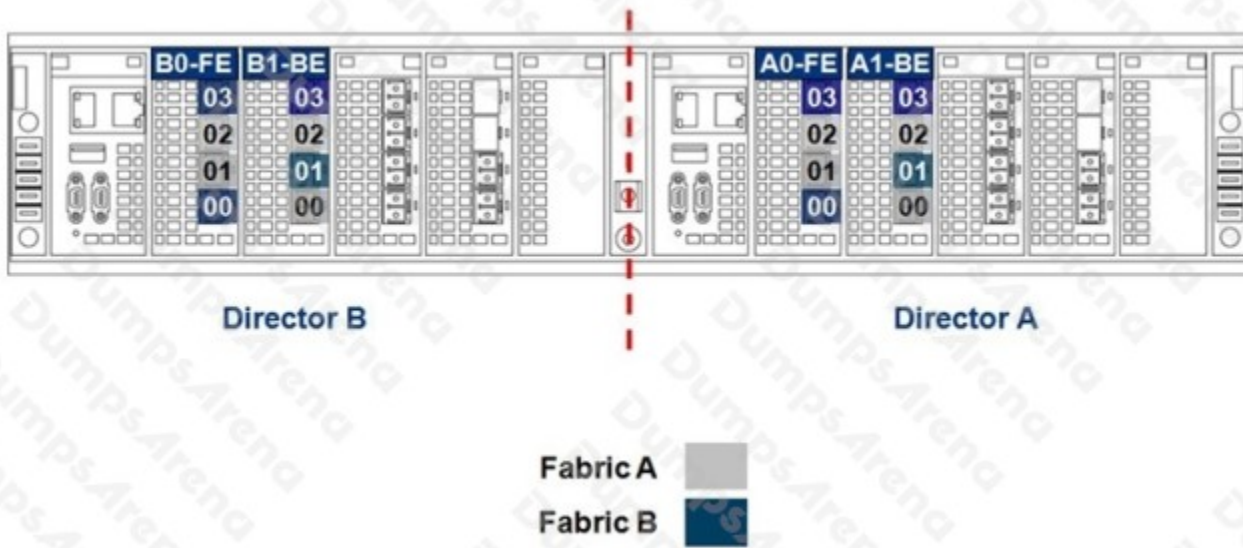


For what is the module labeled "E" used?

- A. Director A Front-end Connectivity
- B. Director A Back-end Connectivity
- C. Director A WAN COM Connectivity
- D. Director A Local Com Connectivity

ANSWER: A**QUESTION NO: 7**

Refer to the exhibit.



A customer has not followed EMC best practices when cabling their VS2 VPLEX engine. You are asked how to re-cable the engine to adhere to best practices. What is your response?

- A. Swap port 00 with port 01 of module A1-BE and B1-BE.
- B. Swap port 02 with port 03 of module A0-FE and B0-FE.
- C. Swap port 00 with port 01 of module A0-FE and B0-FE.
- D. Swap port 02 with port 03 of module A1-BE and B1-BE.

ANSWER: C

QUESTION NO: 8

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. What VPLEX object allows for future incremental re-synchronization with the remote mirror once the link is restored?

- A. Logging Volumes
- B. VPLEX Witness
- C. Metadata Volumes
- D. Management Server

ANSWER: A

QUESTION NO: 9

Which type of volume has complete synchronized copies of data (mirrors) in more than one cluster?

- A. Distributed Device
- B. Extent
- C. Device
- D. Virtual Volume

ANSWER: A

QUESTION NO: 10

Refer to the exhibit.

The screenshot displays the 'VPLEX Witness Status Details' window. It shows the following information:

- Admin State: enabled
- Private IP Address: 128.221.254.3
- Public IP Address: 10.126.96.53

Name	Admin State	Operational State	Management Connectivity
cluster-1	enabled	in contact	OK
cluster-2	enabled	in contact	OK
server	enabled	clusters in contact	OK

Diagnostics for cluster-1:

INFO: Current state of cluster-1 is in-contact
last state change: 24 days, 81962 secs ago; last message from server: 0 days, 0 secs ago.

Last Refresh: 04-02-2013 1:37PM

Close

After 6 months of operation, you are monitoring the health of the VPLEX system from the Unisphere Manager for VPLEX.

What is the most likely reason for a state change of the VPLEX Witness?

- A. The ESXi host was rebooted.
- B. The WAN switch ports failed.
- C. The Management Server was restarted.

D. TheMetaVolume was restored.

ANSWER: A

QUESTION NO: 11

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: 12

Refer to the exhibit.

```
vplexcli:/> ndu pre-check
warning:
During the NDU process, multiple directors will be offline for a
portion of the time. This is non-disruptive but is dependent on
a host-based multipathing solution being installed, configured,
and operating on all connected hosts.

warning:
Please run the "health-check --full" command to verify that the VPLEX hardware
is healthy.
Analyzing system configuration: .DONE
No first upgraders

-----
The output for 'ndu pre-check' has been captured in /var/log/vplex/cli/capture/ndu-pre-check-session.txt
ndu pre-check: Evaluation of <<ndu pre-check>> failed.
cause:      command execution failed.
cause:      No first upgraders

vplexcli:/> version -a
what      Version      Info
-----
Product Version      D10.0.0.193.0  couldn't retrieve director software version(s)
SMSV2
Mgmt Server Base     D4_M5B_7      -
Mgmt Server Software D10.0.0.218   -

vplexcli:/>
```

You are preparing to perform an upgrade on an unconfigured VPLEX Metro. When you run the ndu pre-check command, it indicates that it has failed and there are no first upgraders. In your troubleshooting, you run the version -a command.

Based on the output, what is the reason for the failure?

- A. health-check --full was not run

- B. Directors are at incompatible code levels
- C. ndu pre-check --force flag was not used
- D. Directors are not connected.

ANSWER: D

QUESTION NO: 13

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: 14

A customer wants to add a mirror to a VPLEX Local RAID-0 device.

Which RAID type is created after the command "device attach-mirror"?

- A. RAID-0
- B. RAID-S
- C. RAID-1
- D. RAID-C

ANSWER: C

QUESTION NO: 15

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