Free Questions for E20-260 by actualtestdumps

Shared by Sanchez on 29-01-2024

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Question 1

What aspect of VPLEX assigns and remembers chunk ownership?

Options:

A- Meta-Directory

B- Repository

C- Share Groups

D- Consistency Groups

Answer:
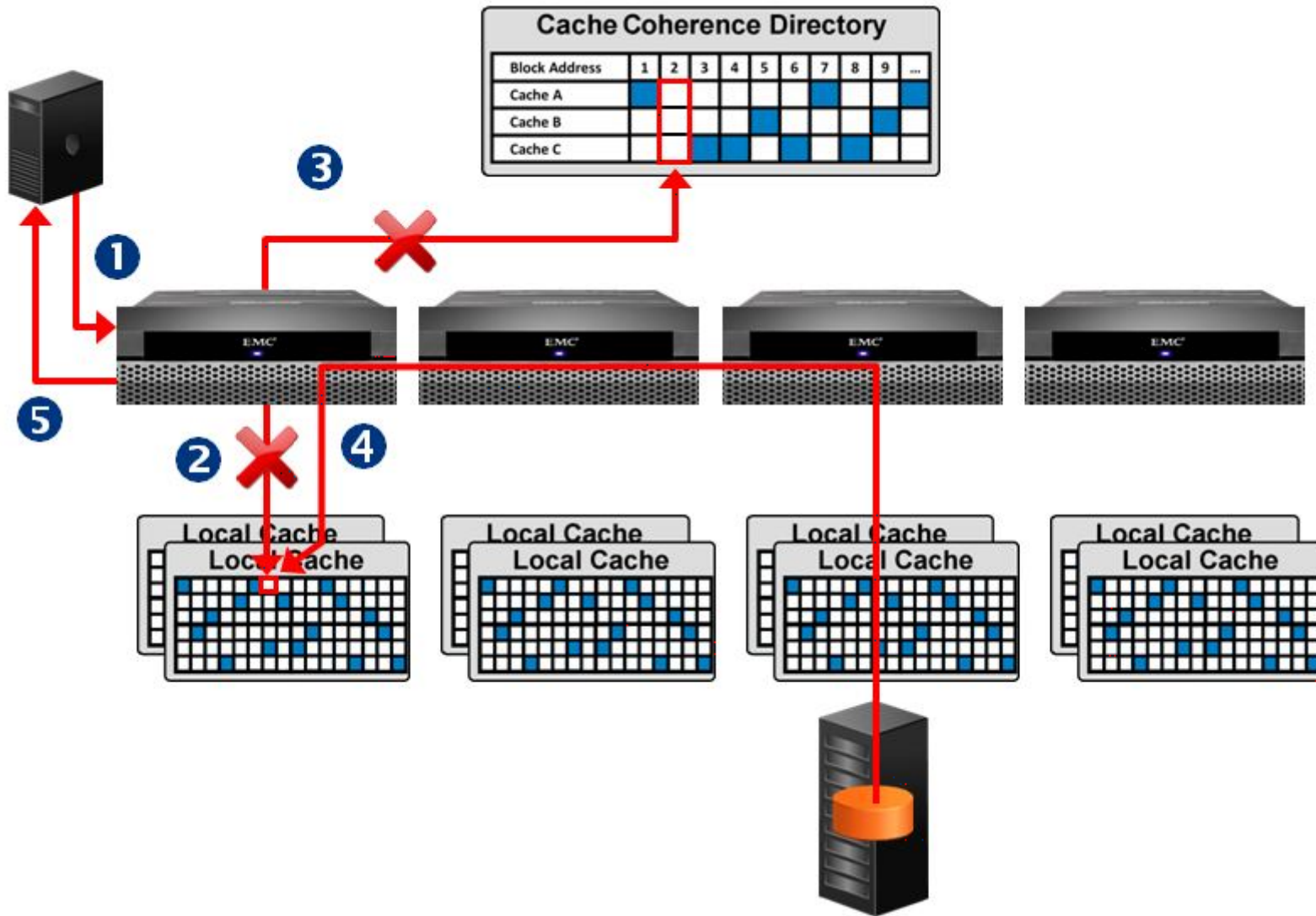
A

Question 2

Exhibit:

Cache Coherence Directory

Block Address	1	2	3	4	5	6	7	8	9	...
Cache A	■						■		■	
Cache B					■			■		
Cache C			■	■		■		■		

Which VPLEX object contains virtual-to-physical mapping information and must be stored on multiple arrays?

Options:

A- Metadata volume

B- Logging volume

C- Virtual volume

D- Director volume

Answer:

A

Question 3

Question Type: MultipleChoice

Refer to the exhibit.

```
10.126.96.19 - PuTTY
VPlexcli:/> health-check --full --verbose
Configuration (CONF):
Checking VPlexCli connectivity to directors.................... OK
Checking Directors Commission...................... OK
Checking Directors Communication Status....................... OK
Checking Directors Operation Status..................... OK
Checking ports status......................................... Error
Disabled port:
director-2-1-B:
    B3-FC02
    B3-FC03
director-2-1-A:
    A3-FC02
    A3-FC03
director-1-1-B:
    B3-FC02
    B3-FC03
director-1-1-A:
    A3-FC02
    A3-FC03

Checking Call Home............................................ OK
Checking Connectivity......................................... OK
```

You are performing a health-check on a VPLEX VS2 Metro system. After running several commands, you notice port errors on the VPLEX directors.

What does the information listed under Checking ports status indicate?

Options:

A- Not all Local-COM ports have been enabled.

B- Not all BE ports have been enabled.

C- Not all FE ports have been enabled.

D- Not all WAN-COM ports have been enabled.

Answer:

D

Question 4

Question Type: MultipleChoice

Refer to the exhibit.

```
vPlexcli:/engines/engine-1-2/directors/director-1-2-A/hardware/ports/A1-FC01> ll
Name                   Value
------------------     --------------------
address                0x500014xxxxxxxx11
current-speed          8Gbits/s
enabled                true
max-speed              8Gbits/s
node-wwn               0x500014xxxxxxxxd9
operational-status     ok
port-status            up
port-wwn               0x500014xxxxxxxx11
protocols              [fc]
role                   back-end
target-port            -
topology               loop
```

You are implementing a VPLEX Metro configuration, and some BE ports are not logged into the fabric.

Which VPLEX command should be performed?

Options:

A- set topology p2p

B- set enabled=true

C- set topology loop

D- set port speed

Answer:

A

Question 5

Question Type: **MultipleChoice**

Refer to the exhibit.

```
VPlexcli:/clusters/cluster-2> vault status

============================================================
Cluster level summary
============================================================
Cluster:/clusters/cluster-2
Cluster is not vaulting/unvaulting
```

During a short power disruption to cluster 2, director-2-1-A had failed. Power was restored after 5 minutes. In examining the output of the vault status command, you note that cluster-2's status reads "Cluster is not vaulting/unvaulting".

Why did this message appear?

Options:

A- There was no power disruption at cluster-1

B- The power disruption affected a single director only.

C- The power disruption did not affect all 'A' directors.

D- The vaulting process runs on cluster-1

Answer:

B

Question 6

Refer to the exhibit.

```
10.126.96.19 - PuTTY                                                    _ □ X
VPlexcli:/clusters/cluster-1/consistency-groups/DD_CG_2> ll

Attributes:
Name                    Value
--------------------    --------------------------------------------------------
active-clusters         []
cache-mode              synchronous
detach-rule             winner cluster-2 after 5s
operational-status      [(cluster-1,{ summary:: ok, details:: [] }), (cluster-2,{
                        summary:: ok, details:: [] })]
passive-clusters        []
recoverpoint-enabled    false
storage-at-clusters     [cluster-1, cluster-2]
virtual-volumes         [DD_8_3_vol, DD_8_4_vol]
visibility              [cluster-1, cluster-2]


Contexts:
Name            Description
------------    ------------
advanced        -
recoverpoint    -



VPlexcli:/clusters/cluster-1/consistency-groups/DD_CG_2> drill-down -o DD_8_3_vol
virtual-volume: DD_8_3_vol (cluster-1)
   distributed-device: DD_8_3
       distributed-device-component: DD_7_3 (cluster-1)
           extent: extent_Symm0841_03A7_1
               storage-volume: Symm0841_03A7 (blocks: 0 - 1295999)
       distributed-device-component: DD_8_32012Nov26_183659 (cluster-2)
           extent: extent_VNX_LUN102_1
               storage-volume: VNX_LUN102 (blocks: 0 - 1295999)

VPlexcli:/clusters/cluster-1/consistency-groups/DD_CG_2>
```

You have created a Distributed Device in a VPLEX Metro. You want to confirm the volumes before performing a mobility job within the cluster. You will be moving the device to cluster 1.

Which object will be the source for this operation?

Options:

A- extent_Symm0841_03A7_1

B- DD_8_32012Nov26_183659

C- Symm0841_03A7

D- DD_7_3

Answer:

A

Question 7

Question Type: **MultipleChoice**

Refer to the exhibit.

```
10.126.96.19 - PuTTY
VPlexcli:/clusters/cluster-1/consistency-groups/DD_CG_2> ll

Attributes:
Name                      Value
----------------------    ------------------------------------------------------------
active-clusters           []
cache-mode                synchronous
detach-rule               winner cluster-2 after 5s
operational-status        [(cluster-1,{ summary:: ok, details:: [] }), (cluster-2,{
                          summary:: ok, details:: [] })]
passive-clusters          []
recoverpoint-enabled      false
storage-at-clusters       [cluster-1, cluster-2]
virtual-volumes           [DD_8_3_vol, DD_8_4_vol]
visibility                [cluster-1, cluster-2]


Contexts:
Name            Description
------------    -----------
advanced        -
recoverpoint    -



VPlexcli:/clusters/cluster-1/consistency-groups/DD_CG_2> drill-down -o DD_8_3_vol
virtual-volume: DD_8_3_vol (cluster-1)
   distributed-device: DD_8_3
      distributed-device-component: DD_7_3 (cluster-1)
         extent: extent_Symm0841_03A7_1
            storage-volume: Symm0841_03A7 (blocks: 0 - 1295999)
      distributed-device-component: DD_8_32012Nov26_183659 (cluster-2)
         extent: extent_VNX_LUN102_1
            storage-volume: VNX_LUN102 (blocks: 0 - 1295999)

VPlexcli:/clusters/cluster-1/consistency-groups/DD_CG_2>
```

You have created a Distributed Device in a VPLEX Metro. You want to confirm you have chosen the correct volumes before performing a mobility job across clusters. You will be moving the device to cluster 1.

Which object will be the source for this operation?

Question 8

Question Type: **MultipleChoice**

Refer to the exhibit.

VPLEX Witness Status Details

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?

Options:

A- TheESXi host was rebooted.

B- The WAN switch ports failed.

C- The Management Server was restarted.

D- TheMetaVolume was restored.

Answer:

A

Question 9

Question Type: MultipleChoice

Refer to the exhibit.

System Status: EMC VPLEX™ Metro

Get a quick overall status and a summary of components in each cluster of your VPLEX™ Metro. Learn more...

cluster-1

Storage Views
2 ✅ OK

Directors
2 ✅ OK

Arrays
1 ✅ OK

Operational Status: ⚠️
Status Details: ⚠️

View Details

cluster-2

Storage Views
2 ✅ OK

Directors
2 ✅ OK

Arrays
1 ✅ OK

Operational Status: ⚠️
Status Details: ✅

View Details

VPLEX Witness: ✅ enabled

cluster-1: ✅ in contact
cluster-2: ✅ in contact
server: ✅ clusters in contact

View Details

You are planning to perform data mobility between VPLEX Clusters using the GUI. What mobility job options do you have?

A- create, stop, activate, monitor, pause, throttle and terminate

B- create, activate, fracture, resync, monitor, pause, and commit

C- create, cancel, suspend, monitor, pause, throttle, and terminate

D- create, remove, cancel, monitor, pause, throttle, and commit

Answer:

D

Question 10

Question Type: **MultipleChoice**

Refer to the exhibit.

```
VPlexcli:/clusters/cluster-1/devices/device_VNX0506_CSE__6_1/components/device_VNX0506_CSE__6_12013Apr03_184408> device attach-mirror --device=device_VNX0506
_CSE__6_1 -m device_VNX0506_CSE__7_1

VPlexcli:/clusters/cluster-1/devices/device_VNX0506_CSE__6_1/components/device_VNX0506_CSE__6_12013Apr03_184408> rebuild status
[1] storage_volumes marked for rebuild

Global rebuilds:
  No active global rebuilds.

cluster-1 local rebuilds:
device                   rebuild type  rebuilder director   rebuilt/total   percent finished   throughput  ETA
----------------------   ------------  -------------------  --------------  ------------------  ----------  ------
device_VNX0506_CSE__6_1  full          s1_1ed9_spa                 463M/5G               9.05%     77.2M/s   1min
```

After the "attach-mirror" command is successfully executed on device "device_VNX0506_CSE__6_1", the command "rebuild-status" shows an ongoing rebuild process on the same device.

What is a possible cause?

Options:

A- It is a normal behavior. when attaching a mirror, a rebuild process starts.

B- The device 'device_VNX0506_CSE__6_1' has an ongoing rebuild process for a previous failure.

C- The rebuild process is related to a director failure.

D- The device mirror will start only after the rebuild process is completed.

Answer:

A

Question 11

Refer to the exhibit.

```
VPlexcli:/clusters/cluster-1/devices> device detach-mirror -d clusterdevice
    -m clustermirror
```

What is the result of the command?

Options:

A- clustermirror becomes a top-level device but without any virtual volume created or guarantees about its data.

B- clustermirror becomes a top-level device, and a virtual volume is created for the device if the parent had a virtual volume.

C- clustermirror is broken down to its base extents.

D- clustermirror is detached and discarded.

Answer:

B

Question 12

Refer to the exhibit.

```
C:\>powermt display dev=harddisk4
Pseudo name=harddisk4
------- ID=FNM00121800313
Logical device ID=6000144000000010E00C2ECB3C5914FB
state=alive; policy= -------; priority=0; queued-IOs=1
===============================================================================
--------------- Host ---------------    - Stor -    -- I/O Path -   -- Stats ---
### HW Path               I/O Paths     Interf.    Mode     State   Q-IOs Errors
===============================================================================
   2 port2\path0\tgt1\lun0    c2t1d0      01        active   alive      1      1
   2 port2\path0\tgt2\lun0    c2t2d0      04        active   alive      0      0
   3 port3\path0\tgt0\lun0    c3t0d0      00        active   alive      0      1
   3 port3\path0\tgt1\lun0    c3t1d0      05        active   alive      0      0
```

A customer is moving some VMAX devices under a VPLEX Local and is using PowerPath as multipath software. What is the preferred PowerPath load balancing policy assigned to VPLEX volumes?

Options:

A- Fixed

B- Adaptive

C- Round Robin

D- SymOpt

Answer:

B