Exam Code: E20-510

Exam Name: business continuity specialist exam

Vendor: EMC

Version: DEMO

Part: A

1: Which TimeFinder command would restore a set of BCV devices back to their standard pairs?

A.symdev restore full   namedg all

B.symmir   namedg restore ull oprompt

C.symrdf   -g namedg -full oprompt restore all

D.symmir   namedg restore BCV dev 0b3 DEV002 -noprompt

Correct Answers: B

2: Which three [3] statements describe the EMC PowerPath Volume Manager (PowerVolume) 4.x Integration with Business Continuity Solutions Enabler operation?

A.Manually creates device groups from Volume Groups

B.Automatically creates device groups from Volume Groups

C.Recognizes and enables use of space in same target size after split

D.Recognizes and enables use of space in larger sized target after split

E.Gives user ability to import BCV copy on same host or different host as result of a split

Correct Answers: B D E

3: Click the Exhibit button.

Look at the output of "powermt display dev=128a" command.   What is the PowerPath Load Balancing policy and device priority associated with LV 128?
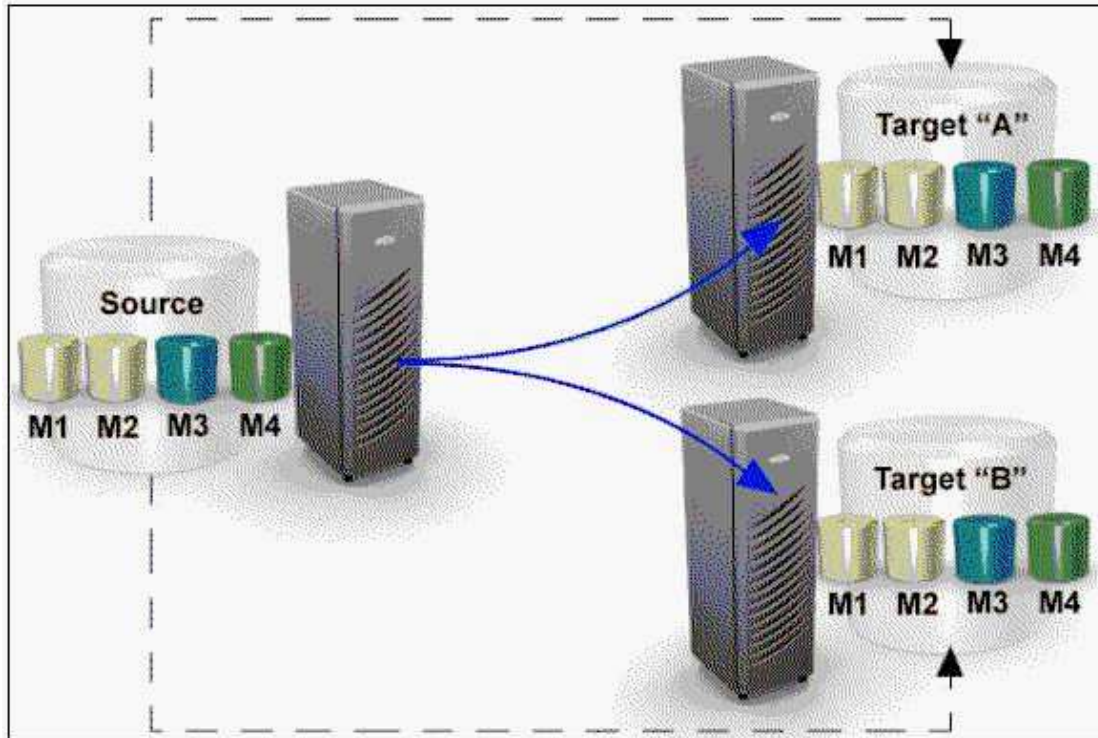


```
Pseudo name=emcpower128a
Symmetrix frame ID=000184500642; volume ID=146
state=alive; policy=SymmOpt; priority=0; queued-IOs=0
=================================================================
------------- Host Devices ------------   - Symm -    ---- Path ----    -- Stats ---
### HW-path                  device    director    mode   state    q-IOs errors
=================================================================
4 sbus@a/fca@1/sd@1    c4t1d8s0   FA  4a    active  open      0    0
5 sbus@a/fca@2/sd@1    c5t1d8s0   FA  4b    active  open      0    1
```

A.rr policy and 0 priority

B.bf policy and 0 priority

C.so policy and 0 priority

D.so policy and 146 priority

Correct Answers: C

4: Click the Exhibit button.

An SRDF source R1 volume is concurrently paired with an SRDF R2 volume "Target A" and another R2 volume "Target B".   Which combination of SRDF modes between the two pairs is NOT allowed?

A.One pair in Synchronous mode; the other pair in Synchronous mode

B.One pair in Synchronous mode; the other pair in Semi-Synchronous mode

C.One pair in Synchronous mode; the other pair in Synchronous mode with a secondary mode of Adaptive Copy Disk

D.One pair in Synchronous mode; the other pair in Synchronous mode with a secondary mode of Adaptive Copy Write Pending

Correct Answers: B

5: What are two [2] types of agents within the ControlCenter infrastructure?

A.Store Agent

B.Server Agent

C.Master Agent

D.Symmetrix Agent

E.Repository Agent

Correct Answers: C D

6: What are the three [3] ANSI Standard Fibre Channel Network Topologies?

A.iSCSI

B.Point to Point

C.Arbitrated Loop

D.Gigabit Ethernet

E.Switched Fabric

Correct Answers: B C E

7: Which two [2] tools are used to manage and configure Connectrix M-Series switches?

A.Telnet

B.DS-M Connect

C.Hyper Terminal

D.Connectrix Manager

E.Embedded Web Server (EWS)

Correct Answers: D E

8: Click the Exhibit button.

A part of the output from the symdev show 097 command is shown. What type of device is 097?

```
# symdev show 097

Front Director Paths (1):
    [
    ---------------------------------------------------------------------
                            POWERPATH  DIRECTOR    PORT              LUN
                            ---------  -----------  ----  ---------  ----------
    PdevName                Type       Type Num     Sts   VBUS TID SYMM Host
    ---------------------------------------------------------------------
    /dev/rhdisk27           N/A        FA    13A:0  RW    000  00  050  000
    }

Mirror Set Type         : [R1 Remote,Data,Data,N/A]

Mirror Set DA Status    : [RW,RW,RW,N/A]

Mirror Set Inv. Tracks  : [0,0,0,0]
```

A.A locally mirrored BCV

B.A locally mirrored SRDF R1 volume

C.A locally mirrored SRDF R2 volume

D.A parity RAID protected SRDF R2 volume

Correct Answers: C

9: What is the maximum number of BCVs that can be concurrently established with a locally protected standard Symmetrix device?

A.1

B.2

C.4

D.6

E.8

Correct Answers: B

10: What is the purpose of the symrdf update command?

A.A symrdf update command will reinitialize all the SRDF device groups

B.When in a Failover state, the update function will reset the /var/symapi/db/symapi_db.bin file

C.In an SRDF Fallback state, the update command will restore the R2 Volumes back to the R1 Volumes

D.In an SRDF Failover state, update will begin synchronization prior to resuming operations on the source volumes

Correct Answers: D

11: In an SRDF/A configuration, why is it recommended to have BCVs attached to the R2 devices

at the remote site?

A.To mirror R2 devices for backup purpose in a disaster recovery scenario

B.To preserve a consistent copy of data at the remote site before a split operation

C.To preserve extra tracks that would not fit into the cache of R2's COVD devices

D.To preserve a consistent copy of data at the remote site before a resynchronization operation

Correct Answers: D

12: Which two [2] device types must be configured on a Symmetrix Array for TimeFinder Snap operations?

A.BCV Devices

B.Save Devices

C.Virtual Devices

D.SRDF Devices

E.Parity RAID Devices

Correct Answers: B C

13: Which three [3] statements describe Symmetrix GigE Channel Directors?

A.Compression can be turned off

B.Outboard compression hardware is always required

C.Prior to DMX, the GigE Director did not perform data compression

D.The GigE SRDF data flow uses two round trips per transfer operation

E.The GigE Director network bandwidth usage can be throttled downward

Correct Answers: A C E

14: Click the Task button.

Arrange the steps in the order required to perform a TimeFinder Clone copy.

Arrange the steps in the order required to perform a TimeFinder Clone copy.

Order	Activities in Order
1	(place step one here)
2	(place step two here)
3	(place step three here)
4	(place step four here)
5	(place step five here)

Activate the Clone Session

Determine the appropriate Clone Target devices

Create a device group and add the Source and Target Devices

Create a Clone session between the Source and Target Devices

Determine the Symmetrix Devices on which the application is stored

Done

Correct Answers:

Arrange the steps in the order required to perform a TimeFinder Clone copy.

Order	Activities in Order
1	Determine the Symmetrix Devices on which the application is stored
2	Determine the appropriate Clone Target devices
3	Create a device group and add the Source and Target Devices
4	Create a Clone session between the Source and Target Devices
5	Activate the Clone Session

Activate the Clone Session

Determine the appropriate Clone Target devices

Create a device group and add the Source and Target Devices

Create a Clone session between the Source and Target Devices

Determine the Symmetrix Devices on which the application is stored

Done

15: Which SYMCLI command would be used to perform a failover, a dynamic SRDF swap   and an establish   of the swapped SRDF pair? This is also referred to as a Fast Swap Establish.

A.symrdf   mydg swap -establish

B.symrdf   mydg failover stablish

C.symrdf   mydg failover -swap -establish

D.symrdf   mydg swap ailover -establish

Correct Answers: B