

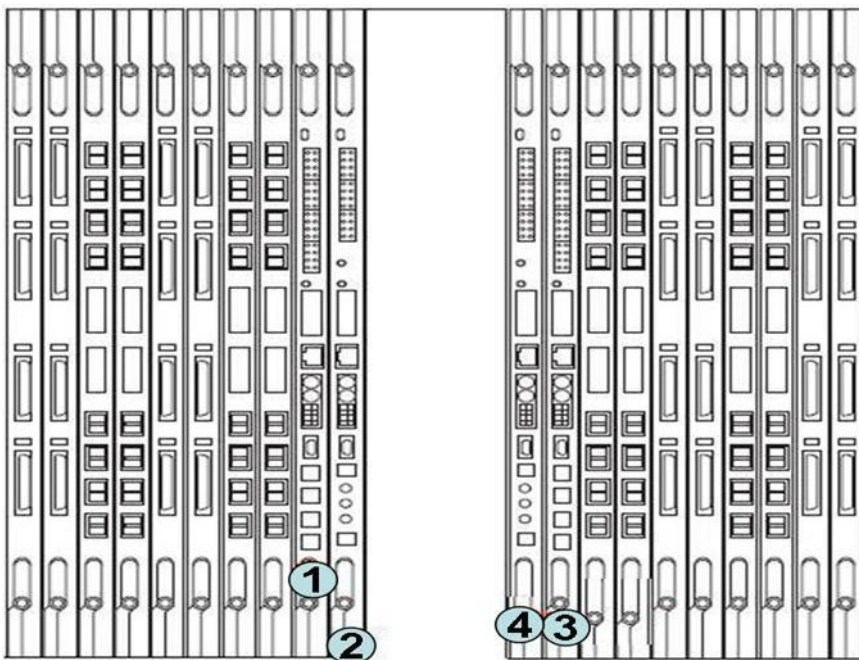


**Exam** : **EMC E20-616**

**Title** : Symmetrix Installation and  
Troubleshooting Exam

**Update** : Demo

1. Click the exhibit button.



You are viewing the rear of a Symmetrix DMX22000/3000 Card Cage. Where will you find ECM1?

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

**Answer: B**

2. A DMX-2 memory configuration containing four (4) memory boards is to be upgraded to larger size cache boards. The upgrade results in a two (2) memory board configuration. How will the bandwidth of the DMX-2 be affected by the upgrade?

- A. Decreased by the smaller cache card count
- B. Increased by the larger memory size
- C. Unchanged, only memory size is affected
- D. Will remain at the theoretical maximum

**Answer: B**

3. What is a major difference in director data flow between the Symmetrix 8000 series and a DMX-2?

- A. An 8430 uses loop redundancy
- B. An 8530's directors are connected to two data busses

- C. Directors in a DMX-2 are connected to top high and bottom low
- D. DMX-2 port bypass cards are connected directly to cache

**Answer: B**

4. What is a difference between a Symmetrix 8830 and a DMX-2?

- A. An 8830 24-slot card cage is scalable
- B. Disks on a DMX-2 are FC-AL
- C. DMX-2 uses a cache interconnect multi-drop bus
- D. Maximum system bandwidth on an 8830 is 16Gb/s

**Answer: B**

5. When will a customer's host be able to access the data on a BCV?

- A. After the BCV is established
- B. After the BCV is split
- C. When the BCV is created in the Bin
- D. While the BCV is syncing with the data volume

**Answer: B**

6. When is the relationship between a data volume and a BCV created?

- A. When the BCV is created in the bin file
- B. When the BCV is established
- C. When the BCV is split
- D. When the BCV is varied on

**Answer: B**

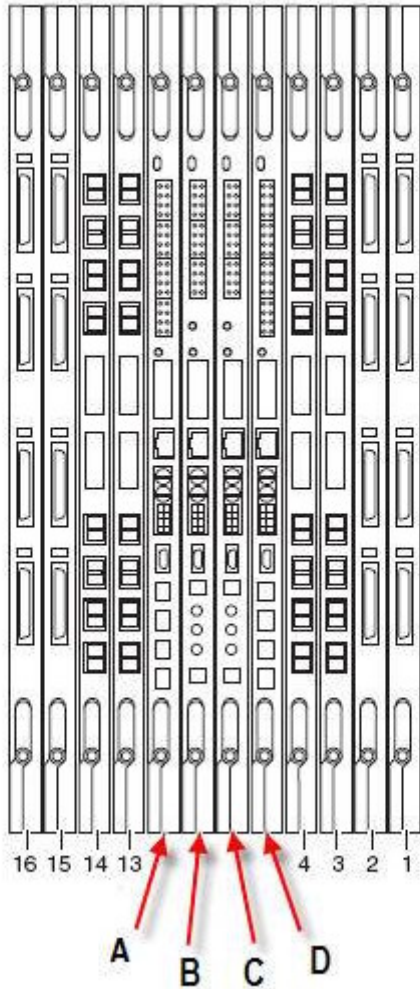
7. When looking at the DMX FA Back Adapter, you notice that one of the SFPs is blue. What does this mean?

- A. Long wave, multi mode port
- B. Long wave, single mode port
- C. Short wave, multi mode port
- D. Short wave, single mode port

**Answer: B**

8. Click the exhibit button.

Symmetrix DMX1000 card cage (rear)



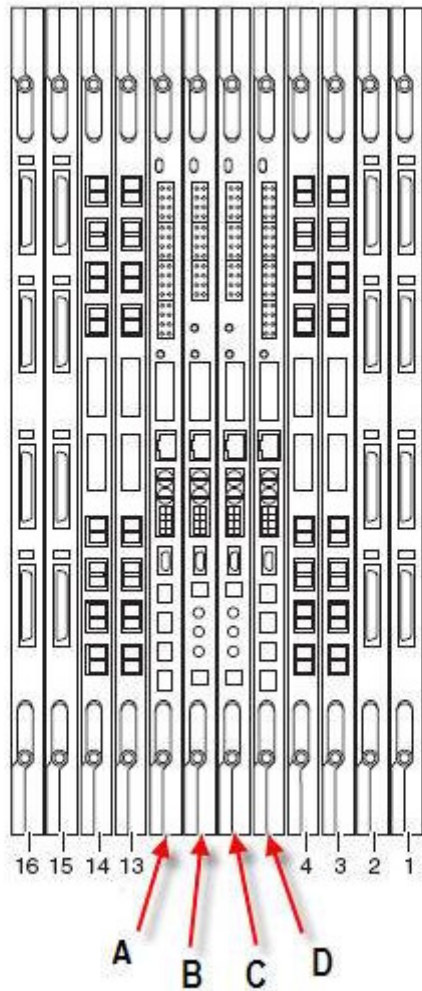
You are viewing the rear of the DMX1000 card cage. Which card is ECM1?

- A. A
- B. B
- C. C
- D. D

**Answer: B**

9. Click the exhibit button.

Symmetrix DMX1000 card cage (rear)



You are viewing the rear of the DMX1000 card cage. Which card is CCM0?

- A. A
- B. B
- C. C
- D. D

**Answer: D**

10. What does the Interleave Service Policy manage during a read operation?

- A. Reads the tracks from M1 and M2 randomly
- B. Reads the tracks from M1 and M2 alternatively

- C. Reads the tracks only from M1
- D. Tracks measurements of I/O on logical volumes and chooses the appropriate mirror

**Answer: B**

11. Which component of a DMX-2 performs Front End, director-to-director communications?

- A. CCM
- B. ECM
- C. LCC
- D. PBC

**Answer: A**

12. Click the exhibit button.

```
*IEA480E 1900,DASD,SERIOUS ALERT,MT=2105,SER=0507-00025,
REFCODE=E473-0000-7B01,VOLSER=LSJ13B,ID=01
```

The customer has handed you this service alert error message. What is the error?

- A. Alarm signal set
- B. PC failed to call home due to communication problems
- C. Temperature problems
- D. Mirror device is not ready at time of periodic test

**Answer: D**

13. A service processor fails to communicate with directors 1 through 8 in the DMX-2 series. Which component can cause this failure?

- A. CCM0
- B. ECM0
- C. ECM1
- D. XCM

**Answer: A**

14. A customer's AC power fails to a Symmetrix 8430/8530. In this case, which components will the battery subsystem sustain?

- A. Card cage and disks
- B. Communication cards and service processors
- C. Disk drives and memory
- D. Memory cards and service processor

**Answer: A**

15. A customer wants to change Host Directors to support SRDF. What distinguishes one director type from another within a Symmetrix 8000 series?

- A. Director model number
- B. Director revision
- C. Emulation code
- D. Enginuity code level

**Answer: C**

16. A customer wants to set up an FA port for a 10km distance connection. Which optic mode will meet the customer's need?

- A. Long wave, Fibre Multi Mode port
- B. Long wave, Fibre Single Mode port
- C. Short wave, Fibre Multi Mode port
- D. Short wave, Fibre Single Mode port

**Answer: B**

17. All the memory slots in a DMX-1000 are occupied. In this case, what is run from the procedure Wizard to perform Memory Replacement?

- A. Add Memory Board script to the Universal slot script, run Replace Memory Board Script, and replace that board
- B. Remove Memory Board script first and then Add Memory Board Script
- C. Replace Memory Board script
- D. Upgrade Memory Board script

**Answer: B**

18. On a DMX1000P, how many DAs are required?

- A. 2
- B. 4

C. 6

D. 8

**Answer: B**

19. Which type of Symmetrix volume contains information on the dynamic mirror policy decisions, error logging, event traces, code image storage, and a dedicated lost write area?

A. BCV

B. Data

C. DRV

D. SFS

**Answer: D**

20. How is DPR enabled?

A. By the EMC z/OS Storage Manager

B. In the bin file

C. Inlines Command

D. On the host by z/OS

**Answer: B**





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