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Exam : **143-060**

Title : Brocade Certified Fabric
Professional 8 Gbit/sec
Exam

Version : Demo

1. You have two Brocade DCX Backbones in which you have installed the four ICL cables between them. There are no other ISL connections between the two DCXs.

How many ISL connections are there between the two DCXs?

- A. 16
- B. 32
- C. 64
- D. 128

Answer: C

2. As the administrator of your company's SAN, you have been asked to choose and add non-Director class switches to the fabric that will provide the longest supported distances for extended fabric links.

Which switch would you choose to meet this requirement?

- A. Brocade 300
- B. Brocade 5000
- C. Brocade 5100
- D. Brocade 5300

Answer: C

3. Click the Exhibit button.



Given the output in the exhibit, which two statements are correct? (Choose two.)

- A. This is a Core blade.
- B. This is Control Processor blade.
- C. This blade is supported in the Brocade 48000 Director.
- D. This blade is supported in the Brocade DCX Backbone.

Answer: AD

4. With Fabric OS v6.1, which three Brocade products will support the Fibre Channel Routing feature?

(Choose three.)

- A. 300
- B. 7500
- C. FC4-32
- D. FC8-32
- E. FR4-18i

Answer: BDE

5. You are working with a customer that will implement 8 Gbit/sec products exclusively. Your customer would like to control frame flow in the fabric.

Which two features can be configured for this purpose? (Choose two.)

- A. Top Talkers
- B. Traffic Isolation
- C. Open Trunking
- D. Quality of Service

Answer: BD

6. You are the administrator of a Brocade Mi10k connected to a Brocade DCX Backbone.

Which two E_Port applications are supported in this fabric? (Choose two.)

- A. ISL Trunking
- B. Open Trunking
- C. Quality of Service
- D. Exchange-Based Routing

Answer: BD

7. You are the administrator of a Brocade 4900 connected to Brocade 48000. You are experiencing congestion on some E_Ports and under utilization on others.

Which licensed feature can you apply to minimize this problem?

- A. ISL Trunking
- B. Open Trunking
- C. Quality of Service
- D. Exchanged-Based Routing

Answer: A

8. On a switch operating with default Access Gateway (AG) mode enabled, which two statements are correct? (Choose two.)

- A. Failover services provide availability for F_Ports.
- B. Failover services provide availability for N_Ports.

- C. The AG will automatically predetermine preferred secondary Failover/Failback services.
- D. To configure preferred secondary Failover/Failback services, you must predetermine and pre-configure port mappings before the AG comes online.

Answer: AC

9. When using a Brocade 300 in default Access Gateway (AG) mode, which statement about port mapping is correct?

- A. You must predefine and pre-configure F_Port to E_Port mappings.
- B. You must predefine and pre-configure F_Port to N_Port mappings.
- C. The AG will predefine and pre-configure F_Port to E_Port mappings.
- D. The AG will predefine and pre-configure F_Port to N_Port mappings.

Answer: D

10. A customer has two Brocade DCX Backbones which they would like to merge using ICLs.

Which statement is correct?

- A. Install a Brocade DCX Fabric license to allow ICL functionality.
- B. The Brocade DCX ICLs do not require a license in order to operate.
- C. Install an ICL license on each Brocade DCX, then run portdisable and portenable.
- D. Install an ICL license on each Brocade DCX; there is no need to run portdisable and portenable.

Answer: C

11. Which two commands are required to initiate F_Port masterless trunking? (Choose two.)

- A. fddcfg
- B. fcrconfigure
- C. porttrunkarea
- D. portcfgtrunkport

Answer: CD

12. QoS ingress rate limiting is allowed on which two port types? (Choose two.)

- A. F_Port

- B. E_Port
- C. FL_Port
- D. EX_Port

Answer: AC

13. A company has a server with a Brocade 420 4 Gbit/sec HBA.

What GUI program can be used to update firmware on the Brocade HBA?

- A. EFCM
- B. ESCM
- C. Web Tools
- D. Fabric Manager

Answer: B

14. What is required to configure SID/DID traffic prioritization?

- A. Run the zone --create command, then name the zones QOSH_xxxx or QOSL_xxxx.
- B. Run the zonecreate command, then name the zones QOSH_xxxx or QOSL_xxxx.
- C. Load the Advanced Performance Monitor License, then run configure to setup traffic prioritization.
- D. Run the portcfgqos command which will then allow the SID/DID traffic prioritization feature to be enabled.

Answer: A

15. Which two QoS zone priority levels can be set? (Choose two.)

- A. low
- B. high
- C. medium
- D. adaptive

Answer: AB

16. A customer would like to setup F_Port trunking between a Brocade 300 switch in Access Gateway mode and an FC8-48 port blade.

Which ports on the FC8-48 can be connected to the Brocade 300 switch in order to utilize this feature?

- A. ports 0 through 15
- B. ports 0 through 47
- C. ports 32 through 47
- D. ports 16 through 31

Answer: A

17. Which three features are available in the Brocade USD-X? (Choose three.)

- A. IPSec
- B. OC3-ATM
- C. Gigabit Ethernet
- D. FICON XRC Emulation
- E. 4 Gbit/sec Fibre Channel

Answer: BCD

18. You have a new data center opening up 1000 km from your current data center. You need to extend two Fibre Channel disk channels, one Fibre Channel tape device and one ESCON printer from your current data center to the new one. You have built an ATM network between the sites to connect them together.

Which product will satisfy the requirements?

- A. Brocade 5300
- B. Brocade 7500
- C. Brocade 7600
- D. Brocade USD-X

Answer: D

19. Which two are affected by Administrative Domains? (Choose two.)

- A. FSPF routing in the fabric
- B. nsshow command output
- C. zoning enforcement in the fabric

D. management control in the fabric

Answer: BD

20. Your company has built a disaster recovery (DR) site 30 km away. There is a requirement to connect the new domain in the DR location to the existing fabric. Both locations are going to be using a Brocade DCX Backbone, running Fabric OS v6.1.0.

Which software feature must be enabled?

- A. FCIP Services
- B. Extended Fabric
- C. XRC Emulation
- D. Remote Switch

Answer: B

21. Your company has built a disaster recovery (DR) site 25 km away using dark fiber. There is a requirement to add the domain in the DR location to the existing fabric. Both locations are going to be using Brocade DCX Backbone hardware, running Fabric OS v6.1.0.

What additional Brocade hardware components, software features, and configuration settings are required to satisfy this requirement?

- A. 4G SWL SFP, Extended Fabric License, L0 port mode
- B. 4G SWL SFP, Extended Fabric License, LS port mode
- C. 4G ELWL SFP, Extended Fabric License, L0 port mode
- D. 4G ELWL SFP, Extended Fabric License, LS port mode

Answer: D

22. Which three FRUs are interchangeable with the Brocade 48000 and the Brocade DCX Backbone?

(Choose three.)

- A. CR8
- B. FA4-18
- C. FC8-32
- D. FC4-32

E. FR4-18i

Answer: BCE

23. You must determine the electrical requirements for installing a Brocade DCX Backbone to maintain full redundant power. The Brocade DCX Backbone will contain at least one FR4-18i port card.

Which two power configuration options will achieve this requirement? (Choose two.)

- A. one power supply with 240 VAC
- B. two power supplies with 110 VAC
- C. four power supplies with 110 VAC
- D. two power supplies with 240 VAC

Answer: CD

24. Brocade Access Gateway allows for which three features in Fabric OS v6.1? (Choose three.)

- A. N_Port failover
- B. F_Port trunking
- C. Exchange-based routing
- D. Advanced Performance Monitor
- E. Advanced Device Security Policy

Answer: ABE

25. Which two Brocade switches use a power supply as an FRU? (Choose two.)

- A. 300
- B. 200E
- C. 5100
- D. 5300

Answer: CD

26. Click the Exhibit button.

```
M48256:admin> portcfgshow
```

```

Ports of slot 7  0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Speed           AN AN AN AN  AN AN AN AN  AN AN AN AN  AN AN AN AN
AL_PA Offset 13 .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Trunk Port      ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON
Long Distance   .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
VC Link Init    .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Locked L_Port   .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Locked G_Port   .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Disabled E_Port .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
ISL R_RDY Mode  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
RSCN Suppressed .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Persistent Disable.. .. .. ..  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON
NPV capability  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON
QOS E_Port      ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON
EX Port         ON .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Mirror Port     .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
FC Fastwrite    .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..

Ports of slot 7 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Speed           AN AN AN AN  AN AN AN AN  AN AN AN AN  AN AN AN AN
AL_PA Offset 13 .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Trunk Port      ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON
Long Distance   .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
VC Link Init    .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Locked L_Port   .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Locked G_Port   .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Disabled E_Port .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
ISL R_RDY Mode  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
RSCN Suppressed .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
Persistent Disable.. ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON
NPV capability  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON  ON ON ON ON
QOS E_Port      .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
EX Port         .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..
FC Fastwrite    .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..  .. .. .. ..

M48256:admin>
```

Given the output in the exhibit, which two statements are correct? (Choose two.)

- A. The output shows port 7/0 configured as a router port.
- B. The output shows port 7/0 configured as an FCIP tunnel.
- C. The output shows 32 physical FC ports router blade in slot 7.
- D. The output shows 16 physical FC ports router blade in slot 7.

Answer: AD

27. Click the Exhibit button.

```

switch:admin> switchshow
switchname: top_4a3_a10
switchType: 42.1
switchState: Online
switchMode: Native
switchRole: subordinate
switchDomain: 3
switchid: fffc03
switchmac: 10:00:00:60:69:e2:09:be
AD Feature: Not Active
Current AD: 0
zoning: ON (bot_cfg)
switchbeacon: OFF
blade4 Beacon: OFF
blade8 Beacon: OFF
FC Router: OFF
FC Router BB Fabric ID: 1
Index Slot Port Address Media speed state Proto
-----
[output truncated]
80 8 0 035000 id N4 Laser_Flt Disabled (Persistent)
81 8 1 035100 -- N4 No_Module Disabled (Persistent)
82 8 2 035200 -- N4 No_Module Disabled (Persistent)
83 8 3 035300 -- N4 No_Module Disabled (Persistent)
84 8 4 035400 -- N4 No_Module Disabled (Persistent)
85 8 5 035500 -- N4 No_Module Disabled (Persistent)
86 8 6 035600 id N4 No_Light Disabled (Persistent)
87 8 7 035700 id N4 No_Sync Disabled (Persistent)
88 8 8 035800 id N1 Online F-Port 10:00:00:00:c9:25:3d:43
89 8 9 035900 id N2 Online E-Port 10:00:00:60:69:90:52:a8 "Term_7"
90 8 10 035a00 -- N4 No_Module Disabled (Persistent)
91 8 11 035b00 id N4 No_Light Disabled (Persistent)
92 8 12 035c00 -- N4 No_Module Disabled (Persistent)
93 8 13 035d00 -- N4 No_Module Disabled (Persistent)
94 8 14 035e00 id N2 online F-Port 10:00:00:00:00:04:00:00
95 8 15 035f00 id N2 Online F-Port 10:00:00:00:00:02:00:00
208 8 16 03d000 -- -- offline
[output truncated]
216 8 24 03d800 -- -- Online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10" (upstream)
217 8 25 03d900 -- -- online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10"
218 8 26 03da00 -- -- Online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10"
219 8 27 03db00 -- -- online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10"
220 8 28 03dc00 -- -- online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10"
221 8 29 03dd00 -- -- Online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10"
222 8 30 03de00 -- -- online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10"
223 8 31 03df00 -- -- Online VE-Port 10:00:00:60:69:e2:0c:00 "bot_4a3_a10"
8 ge0 id 1G online FCIP
8 ge1 id 1G Online FCIP

```

Given the output in the exhibit, which three statements are correct? (Choose three.)

- A. Port index 88 is a node.
- B. Port index 88 is another switch.
- C. This switch supports FCIP tunneling.
- D. This switch has been selected as principal.
- E. This switch supports routed fabric services.

Answer: ACE

28. Click the Exhibit button.

```
switch:admin> nszonemember 0x0416e2
3 local zoned members:
Type Pid      COS PortName      NodeName      SCR
NL 041901; 2,3;10:00:00:00:c9:26:0e:ae;20:00:00:00:c9:26:0e:ae; 3
Fabric Port Name: 20:09:00:60:69:50:06:78
Permanent Port Name: 10:00:00:00:c9:26:0e:ae
Device type: Physical Initiator

NL 0416e2; 3;22:00:00:20:37:d9:6b:b3;20:00:00:20:37:d9:6b:b3; 0
FC4s: FCP [SEAGATE ST318304FC 0005]
Fabric Port Name: 20:06:00:60:69:50:06:78
Permanent Port Name: 22:00:00:20:37:d9:6b:b3
Device type: Physical Target

NL 0416e4; 3;22:00:00:20:37:d9:61:ac;20:00:00:20:37:d9:61:ac; 0
FC4s: FCP [SEAGATE ST318304FC 0005]
Fabric Port Name: 20:06:00:60:69:50:06:78
Permanent Port Name: 22:00:00:20:37:d9:61:ac
Device type: Physical Target

No remote zoned members
```

Given the command output, which statement is true?

- A. There are four zoned devices.
- B. There are three zoned devices.
- C. Zoning is not running in the switch.
- D. The devices in the output are all targets.

Answer: B

29. You designed a 50 km trunk group between your 48000 and a remote fabric. After connecting, the principal switch was preserved in the remote fabric, but you noticed the time changed on the 48000. The time is incorrect for both your switch and the remote fabric.

Which two actions would resolve the time problem? (Choose two.)

- A. Issue the date command from Fabric Manager.
- B. Issue the date command from the principal switch.
- C. Obtain the IP address of your NTP server, and configure tsclockserver on the principal switch.
- D. Obtain the IP address of your principal server, and configure tsclockserver on the NTP server with the switch IP address.

Answer: BC

30. A customer must synchronize date and time between 10 switches. Five switches are running Fabric OS v5.1 firmware and five are running Fabric OS v6.1 firmware.

Which two actions should be taken for this fabric-wide date and time synchronization to occur? (Choose two.)

- A. Issue the `tstimezone` command from the principal switch in the fabric.
- B. Issue the `tsclockserver` command from the principal switch in the fabric.
- C. Issue the `tstimezone` command from any subordinate switch in the fabric.
- D. Issue the `tsclockserver` command from any subordinate switch in the fabric.

Answer: BD