

**Exam Code:** 000-078

**Exam Name:** eServer BladeCenter

**Vendor:** IBM

**Version:** DEMO

## Part: A

1: An IBM BladeCenter chassis is populated with six HS21 blades in slots 1 to 6 and three JS21 blades in slots 9 to 11. The chassis also contains two Optical Pass-thru Modules that connect to a SAN infrastructure. How many Optical Pass-thru Module cables are needed for dual-port access on each blade?

- A.2
- B.4
- C.6
- D.8

**Correct Answers: C**

2: What is the correct procedure to update the BIOS on LS41 blades without using the Advanced Memory Module (AMM)?

- A.Insert the ServerGuide CD, boot the LS41 blade and follow the prompts
- B.Boot the blade from the LS41 POST/BIOS flash diskette and follow the prompts
- C.Press F1 when the LS41 system is booting, select Update BIOS, insert the diskette into the diskette drive, and select OK
- D.Use the Remote Supervisor Adapter virtual disk

**Correct Answers: B**

3: Using a BladeCenter H chassis with Multi-Interconnect Switch Modules, what is the maximum number of Ethernet ports an HS21 blade server can support if the blade does not have any expansion blades attached?

- A.2
- B.4
- C.6
- D.8

**Correct Answers: C**

4: A customer has the following network design:

- one Cisco IGESM
- two HS21 blades

The blade server must connect to two different subnets, and the customer wants a separation between the two networks. What should the customer do?

- A.Create two VLANs on Cisco IGESM, and add ports of HS21 blades to different VLAN.
- B.Create two VLANs on Cisco IGESM, and add ports of HS21 blades to the same VLAN.
- C.Create two trunks on Cisco IGESM, and add ports of HS21 blades to a different trunk.
- D.Create two trunks on Cisco IGESM, and add ports of HS21 blades to same trunk.

**Correct Answers: A**

5: What is the threshold value of the event log capacity that generates a system alert?

- A.60%
- B.75%

C.90%

D.95%

**Correct Answers: B**

6: A customer using IBM BladeCenter H wants redundant and separate management and production LANs. What is required to provide redundant connections to separate LANs within the BladeCenter?

A.four Cisco Systems Fibre Intelligent Gigabit Ethernet switch modules

B.two Cisco Systems Fibre Intelligent Gigabit Ethernet switch modules and a BladeCenter Gigabit SFF Ethernet expansion card

C.two IBM Server Connectivity Modules and an Ethernet expansion card CFFv

D.four Nortel Networks Layer 2-7 GbE switch modules and a BladeCenter Gigabit SFF Ethernet expansion card

**Correct Answers: D**

7: A customer purchases the following configuration:

-- one IBM BladeCenter chassis

-- eight HS21 Blades

-- four LS21 Blades

-- one Cisco Network Switch

-- redundant Advanced Management Module

-- redundant Power Supply Modules

Which VLAN configuration is recommended by IBM for security of a management network?

A.add internal blade ports and uplink ports to the default VLAN 1 that includes Advanced Management Module ports

B.add internal blade ports to the default VLAN 1 with the Advanced Management Module ports and create a separate VLAN for Uplink ports

C.create a new VLAN for the internal blade ports and add uplink ports to the same VLAN distinct from the default VLAN used for management for the AMM ports

D.create a new VLAN which includes the internal blade ports and the uplink ports, add the uplink ports to the default VLAN 1 that includes Advanced Management Module ports

**Correct Answers: D**

8: A customer has an existing IBM BladeCenter chassis with the following:

-- four HS21 blade servers

-- two Cisco IGESMs

-- two Brocade 10-port SAN Switch Modules

Which step is required in order to use the Advanced Zoning feature?

A.Purchase the Advanced Zoning feature and configure through the Advanced Management Module

B.Upgrade the Brocade switch to Full Fabric Option

C.Replace with Brocade 4Gb switches and enable Advanced zoning through the Advanced

## Management Module

### D.Configure Advanced Zoning on the Brocade Switch

**Correct Answers: D**

9: A customer has an IBM BladeCenter Enterprise (BCE) chassis. There are three HS21s: one HS21 needs four Ethernet connections, and the other two HS21s must connect to the SAN. Which configuration is correct?

A.Install one Ethernet expansion card to one HS21 and one Fibre Channel expansion card to the other HS21s; then, place four Ethernet switch modules to I/O modules 1,2,3 and 4.

B.Install one Ethernet expansion card to each HS21 and place two Ethernet switch modules to I/O modules 1 and 2; then, place two Fibre Channel switch modules to I/O modules 3 and 4.

C.Install one Ethernet expansion card to one HS21 and one Fibre Channel expansion card to the other HS21s. Then, place two Ethernet switch modules to I/O modules 1 and 2 and place two Optical Pass-thru Modules (OPM) to I/O modules 3 and 4

D.Must update to an IBM BladeCenter H because the IBM BladeCenter Enterprise chassis cannot match this configuration

**Correct Answers: C**

10: The access to the disk storage modules is not working in a BladeCenter S with SAS Connectivity Module inserted in bay 1. Why?

A.The SAS Connectivity Module is inserted in the wrong bay.

B.The SAS Connectivity Module ports must be activated from the AMM.

C.One additional license must be purchased.

D.One iSCSI adaptor is needed on each blade server.

**Correct Answers: A**

11: A customer needs four Ethernet ports and four Fibre Channel ports per HS21 blade to address their I/O needs for a planned VMware environment that will be used in an IBM BladeCenter H chassis. Which I/O module configuration will support all the ports, assuming each blade has the appropriate I/O adapters?

A.two Multi-Switch Interconnect Modules, two Fibre Channel switch modules, and two Ethernet switch modules

B.one Multi-Switch Interconnect Module, four Fibre Channel switch modules, and two Ethernet switch modules

C.two Multi-Switch Interconnect Modules, four Fibre Channel switch modules, and four Ethernet switch modules

D.one Multi-Switch Interconnect Module, four Fibre Channel switch modules, and four Ethernet switch modules

**Correct Answers: C**

12: A customer has an IBM BladeCenter Enterprise (BCE) and wants to install the operating

system on the JS21 blade server. What is the first step the customer should take?

- A.turn off the JS21 blade server
- B.configure the Serial over LAN feature for the JS21 blade server
- C.insert the CD to load the kernel
- D.type the root password when prompted

**Correct Answers: B**

13: A customer is running a BladeCenter Enterprise with ten maximum configured HS20 8843 3.6GHz blades. The blades are installed in slots 1-4 and 7-12. The customer purchases four new maximum-configured HS20 8843 3.6GHz to populate the remaining four slots. Only a few of the new blades will power on from the Management Module Web interface. What is the cause of the problem?

- A.The OS loaded onto the new blades is unsupported.
- B.The service processors of the new blades need to be flashed to the latest level.
- C.Local power control has been disabled from the Management Module Web interface.
- D.The power management policy settings of the Management Module are set for redundant without performance impact.

**Correct Answers: D**

14: A customer installed an IBM BladeCenter H chassis and connected the Advanced Management Module (AMM) to their LAN. The customer needs to connect to their AMM for the first time. What is the default user ID and password?

- A.userid ; passw0rd (where "0" in passw0rd is the number zero)
- B.Userid ; Passw0rd (where "0" in Passw0rd is the number zero)
- C.USERID ; PASSWORD (where "0" in PASSWORD is the number zero)
- D.USERID ; Passw0rd (where "0" in Passw0rd is the number zero)

**Correct Answers: C**

15: What is an important benefit of using an IEEE 802.3ad compliant switch?

- A.The switch allows multiple proprietary protocols to forward traffic between switches.
- B.The switch allows use of logical groups within a switch in order to control broadcast traffic.
- C.The switch can combine physical links into one point-to-point logical link for increased bandwidth.
- D.The switch discovers a loop-free network (tree) and provides a single physical path between any two stations.

**Correct Answers: C**

16: To obtain a useable console on a JS21 for blade access and operating system installation, what must an administrator enable in the Advanced Management Module?

- A.SoL
- B.SSL
- C.SSH
- D.Telnet

**Correct Answers: A**

17: A customer installs three IBM BladeCenter H chassis and one IBM BladeCenter HT chassis in a new rack in their data center. How many U will this solution take up in the rack?

- A.39U
- B.36U
- C.35U
- D.34U

**Correct Answers: A**

18: In a BladeCenter S with six 6 HS21 and one SAS Connectivity Module, how many Ethernet switches are needed to connect all the blade's Ethernet ports to a network?

- A.None
- B.1
- C.2
- D.The Pass-thru module is needed.

**Correct Answers: B**

19: A company has an IBM BladeCenter Enterprise (BCE) chassis with the following configuration:

- four power modules
- seven HS20 blade servers in slots 1 through 7
- two Fibre Ethernet Switch Modules
- two Fibre Channel Switch Modules
- one single-phase Front-End PDU
- one 3-phase Enterprise PDU

ERROR: rangecheck  
OFFENDING COMMAND: xshow

STACK:

```
[54 44 39 29 39 44 39 34 34 24 34 30 44 39 33 30 44 44 63 39 28 30 34 44  
 44 43 25 42 31 67 44 4444 24 39 34 30 24 44 30 44 39 42 34 30 44 30 39  
44 43 30 44 29 39 44 44 44 39 39 24 39 43 30 24 44 30 24 44 38 30 34 24  
44 44 24 0 ]
```

```
(  
The chassis has power supply modules in bays 1 and 2 connected to the single  
)
```