



**Exam Code:** 000-085

**Exam Name:** IBM Blade Center V5

**Vendor:** IBM

**Version:** DEMO

## Part: A

1: What components are needed to access the internal storage on a BladeCenter S?

- A.Optical Pass-Thru Module and one SFF FC adapter per blade
- B.One iSCSI adapter per blade
- C.SAS Connectivity Module and one SAS expansion card per blade
- D.Integrated internal storage adapter

**Correct Answers: C**

2: A customer deploys an IBM BladeCenter chassis with one Brocade 4Gb SAN switch module. The customer requires a 4Gb uplink or higher. Which configuration will meet this request?

- A.Brocade 20-port 4Gb SAN switch module and Brocade ISL Trunking for IBM BladeCenter
- B.Brocade 20-port 4Gb SAN switch module and Brocade Advanced Performance Monitoring for IBM BladeCenter
- C.Brocade 10-port 4Gb SAN switch module and Full Ports on Demand license
- D.Brocade 10-port 4Gb SAN switch module and Brocade Advanced Performance Monitoring for IBM BladeCenter

**Correct Answers: A**

3: A customer wants to implement the following solution:

- seven HS22 blades
- six LS42 HE blades with Multi-processor Expansion Unit
- one 1U external Fibre Channel switch
- two 3U Fibre Channel storage devices with fourteen 146GB drives

Which of the following is the minimum amount of rack space required to implement the solution?

- A.13U
- B.16U
- C.22U
- D.24U

**Correct Answers: C**

4: A customer wants to deploy around 8TB integrated storage on a BladeCenter S. Which of the following meets this need at lowest cost?

- A.With iSCSI.
- B.With SCSI external storage.
- C.With SATA internal disks.
- D.With SAS internal disks.

**Correct Answers: C**

5: Which option is a good reason to implement the IBM BladeCenter H chassis over IBM BladeCenter E chassis?

- A.support for 10Gb internal network
- B.better rack space density per blade
- C.lower power consumption per chassis

D.support for 4Gb Fibre Channel Switch Modules

**Correct Answers: A**

6: How can you update the firmware on the Advanced Management Module using UpdateXpress?

A.boot UpdateXpress from the blade

B.use the scripting tools on UpdateXpress

C.launch the RemoteUX utility from the Advanced Management Module

D.attach a USB CDROM to the Advanced Management Module and boot from e UpdateXpress

**Correct Answers: B**

7: A customer has a rack with four BladeCenter H chassis that have been operating normally for several months. After installing a new rack of servers in the data center, the system administrator notices the blowers in the BladeCenters have increased their speed. Which of the following caused this problem?

A.The room temperature has reached 23C (73.4F).

B.A Blade within the chassis has been shut down.

C.The ambient temperature in the data center has increased.

D.One of the additional System X servers in the BladeCenter rack has failed.

**Correct Answers: C**

8: A customer wants to deploy an IBM BladeCenter S with 7 x HS21 Quad Core Intel Blades. The Customer has two CFFv Ethernet adapters, and one CFFh Qlogic Combination Ethernet and fiber adapter per each blade. How can this be deployed?

A.This solution can be deployed only if the switch modules are the ones adapted to the I/O needs.

B.This solution can be deployed with the Nortel switch only.

C.The HS21 Quad Core are not supported with CFFv Ethernet adapters.

D.You cannot deploy this solution on BladeCenter S.

**Correct Answers: D**

9: A business partner wants to identify risks, develop action plans to manage the risks, and recommend resources required for a successful implementation of a BladeCenter solution to their customer. Which of the following addresses this situation?

A.Conduct a ServerProven Opportunity Request for Evaluation (SPORE)

B.Use the IBM ServerProven Program

C.Use IBM System x Configuration and Option Guide (COG)

D.Conduct a Technical Delivery Assessment (TDA)

**Correct Answers: D**

10: A customer using IBM BladeCenter H wants redundant and separate management and production LANs. Which of the following 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 BNT/ Nortel Layer 2-7 GbE switch modules and a BladeCenter Gigabit SFF Ethernet expansion card

**Correct Answers: D**

11: A customer is installing a Myrinet Cluster Expansion Card in an existing IBM LS21 blade server. Which bay should the Optical Pass-thru Module be placed?

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

**Correct Answers: D**

12: A prospect has a new Director of IT. They are reviewing all servers to reduce the number of operating systems in their IT operations. Which operating system is supported on an LS21 blade?

- A.Red Hat Enterprise Linux v.4 Update 4 (AS, ES, WS)
- B.Red Hat 9
- C.Novell Netware 5.2
- D.Microsoft Windows 2000 Professional

**Correct Answers: A**

13: A customer has an HS21 blade with no local disk. They are attempting to set up boot from SAN using a Windows 2003 CD.

Which sequence is correct for this procedure?

- A.Install Windows from the CD using the QLogic driver provided on the CD, configure the LUN and zone for the target server, and then configure the blade BIOS to boot from SAN.
- B.Configure the LUN and zone for the target server, install Windows from the CD and press F6 when prompted to supply the driver, and then configure the QLogic adapter BIOS to boot from SAN.
- C.Configure the LUN and zone for the target server, configure the QLogic adapter BIOS to boot from SAN, install Windows from the CD, and then press F6 when prompted to supply the driver.
- D.Configure the blade BIOS to boot from SAN, configure the LUN and zone for the target server, and then install Windows from the CD using the QLogic driver provided on the CD.

**Correct Answers: C**

14: A customer orders three IBM BladeCenter E chassis and thirty-four LS21 blades. The customer wants to fully populate the chassis with blades where possible. Which of the following is the minimum number of power cables required to provide redundancy?

- A.6
- B.8
- C.10
- D.12

**Correct Answers: C**

15: A prospective customer is considering a BladeCenter S with six 6 HS22 and one SAS Connectivity Module,. The data center manager asks how many Ethernet switches are needed to connect all the blade's Ethernet ports to a network?

- A.3
- B.1
- C.2
- D.7

**Correct Answers: B**

16: A customer has a database application that is accessed by a large number of people through a web interface from multiple remote locations. Which of the following questions will provide the information necessary to design the best performing storage solution?

- A.How many web servers will be connected to the database?
- B.Will the database be run on a Windows solution?
- C.How many concurrent users will be accessing the database?
- D.What are the types of transactions run against the database?

**Correct Answers: D**

17: How many BladeCenter HT chassis will fit in a standard 19" 42U rack?

- A.2
- B.3
- C.4
- D.6

**Correct Answers: B**

18: A client has the following network hardware:

- two separate Gb core switches
- two Cisco IGESM
- two HS21 blades

Which action on both Cisco IGESMs will define one or more upstream ports and one or more downstream ports?

- A.configure the Quality of Service feature
- B.configure the Link State Tracking feature
- C.configure all the external Ethernet ports to 1Gb/full
- D.configure all the external Ethernet ports to 100Mb/half

**Correct Answers: B**

19: A customer installs a BladeCenter into an existing 10/100 Ethernet network. Due to cost considerations, the customer uses Copper Pass-thru Modules. After installing this solution, the customer finds that they have no network connectivity. Which of the following is causing the problem?

- A.Copper Pass-thru Modules only support 1000Mb line speeds.
- B.Spanning Tree has been enabled on the Copper Pass-thru Module.
- C.The customer does not have the latest firmware loaded on the Copper Pass-thru Module.

D.The customer is using LS21 Blades.

**Correct Answers: A**

20: Which tool is available for IBM BladeCenter that allows direct power monitoring by IBM Systems Director through the BladeCenter's Management Module?

A.PowerExecutive

B.PowerManager

C.PowerPC

D.PowerDirector

**Correct Answers: A**