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Exam : **000-078**

Title : EServer BladeCenter

Version : Demo

1. What permits concurrent out-of-band KVM access to all blades in a chassis?

A.IBM BladeCenter chassis with Advanced Management Module, LS20 blades, cKVM adapters, Copper Pass-Thru Module

B.IBM BladeCenter H chassis with Advanced Management Module, HS20 blades, Cisco IGESM

C.IBM BladeCenter chassis with Advanced Management Module, HS21 blades, cKVM adapters, Nortel L2/3 GbESM

D.IBM BladeCenter H chassis with Advanced Management Module, HS21 blades, cKVM adapters, Infiniband Switch Module

Answer: C

2. Which component or feature is ONLY available in BladeCenter S?

A.4x Infiniband Switch Module

B.4Gb Infiniband Switch Module

C.Up to four 950W/1450W power supplies

D.2000w Power supply Modules

Answer: C

3. If the integrated service processor on the blade server fails, which procedure allows the administrator to receive alerts?

A.enable RSA II adapters to generate alerts

B.configure Network Equipment Building Standard (NEBS) compliant server to provide alerts

C.ensure SNMP is active to ensure service processor integrated into every blade server can provide alerts

D.ensure SMTP is active to ensure service processor integrated into every blade server can provide alerts

Answer: C

4. 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

Answer: A

5. Which tool is used to automatically deploy a JS21 blade with SuSE 9?

A.AutoYaST

B.JumpStart

C.KickStart

D.Sysprep

Answer: A

6. A customer purchased an IBM BladeCenter with six blades running Microsoft Windows 2000 Server.

With the additional open blade slots, they have a requirement to automatically deploy images upon blade

installation. Which action is required to implement this task? (Select the best answer.)

A.Ensure Director Agent is installed on the BladeCenter Chassis. Then run BladeCenter Configuration

task on BladeCenter Chassis from IBM Director Console.

B.Ensure Server Plus Pack option has been installed and configured. Then, run BladeCenter

Configuration task on BladeCenter Chassis from IBM Director Console.

C.Ensure an IBM Director Server and Remote Deployment Manager (RDM) have been properly installed

and configured. Ensure that RDM images are created and available. Then, Run BladeCenter Deployment

Wizard task on BladeCenter Chassis from IBM Director and assign profiles to each of the slots.

D.Run BladeCenter Management task on BladeCenter Chassis from IBM Director Console. Then, Run

BladeCenter Deployment Wizard task on BladeCenter Chassis from IBM Director and assign profiles to

each of the slots.

Answer: C

7. A customer has an HS21 7995 blade with a 73GB hard drive, 4x512MB DIMMs in slots 1, 2, 3 and 4,

2x1GB DIMMs in slots 5 and 6, and 2x512MB DIMMs in slots 7 and 8 for a total of 5GB (in a flat memory

configuration). The blade only shows 2GB of memory available. What is the cause of this problem?

A.The memory should be installed from lowest to highest capacity.

B.The mirrored memory setting needs to be selected.

C.The memory pairs are in the wrong DIMM slots.

D.All memory in the system must be the same type.

Answer: C

8. Which bays do the Multi-Switch Interconnect Module populate?

A.3 and 4

B.3, 4, 5, and 6

C.7 and 9

D.7, 8, 9, and 10

Answer: D

9. A customer has the following requirements for an IBM BladeCenter solution:

-- four 4-socket Microsoft SQL servers with two hot swap SAS drives

-- two physical Microsoft Active Directory Servers

-- twenty-two physical Citrix servers

-- three physical Web servers

-- one physical Virtual Center Management server

-- eight VMware ESX hosts

Which configuration satisfies these requirements?

A.four IBM BladeCenter chassis, two Nortel Fibre modules, eight Ethernet modules

B.three IBM BladeCenter chassis, four QLogic Fibre modules, six Ethernet modules

C.three IBM BladeCenter chassis, two Brocade Fibre Channel modules, eight Ethernet modules

D.four IBM BladeCenter chassis, two Brocade Fibre Channel modules, eight Ethernet modules

Answer: D

10. A customer wants to add the following servers:

-- two dual core, AMD-based, running VMware ESX Server

-- two dual core, POWER based, running Linux

The requirements are:

--all servers require internal hard drives to boot, and mirroring

-- all servers require access to the existing SAN storage with existing multi-switch Brocade fabric

-- the customer requires high availability to the SAN and LAN

What satisfies the customer's requirements?

A.IBM BladeCenter Chassis with two Brocade Entry SAN Switch Modules

two LS21 blades

two JS21 blades

SAS Drives

Fibre Channel expansion cards for all blades

two Ethernet switch modules

B.IBM BladeCenter Chassis with one Brocade 20-port Enterprise FC Switch Module

two HS21 blades

two JS21 blades

SAS Drives

Fibre Channel expansion cards for all blades

one Ethernet switch module

C.IBM BladeCenter Chassis with two Brocade 20-port Enterprise FC Switch Modules

two LS21 blades

two JS21 blades

Fibre channel expansion cards for all blades

SAS Drives

two Ethernet switch modules

two Storage I/O expansion blades

D.IBM BladeCenter Chassis with two Brocade 10-Port Enterprise SAN Switch Modules

two HS21 blades

two JS21 blades

SCSI hard drives

SAS hard drives

Fibre Channel expansion cards for all blades

two Ethernet switch modules

Answer: C

11. A customer has the following BladeCenter requirements:

-- Support direct fibre connections from the blades to an existing SAN switch

-- Support total of six RJ45 Ethernet ports per module

Which of the following module combinations will satisfy the customer's requirements?

A.BladeCenter with Optical Pass-thru Modules and Nortel Networks Layer 2-7 GbE Switch Modules

B.BladeCenter with Optical Pass-thru Modules and Nortel Networks Layer L2/3 Copper GbE Switch

Modules

C.BladeCenter with Copper Pass-thru Modules and Nortel Networks L2/3 Copper GbE Switch Module

D.BladeCenter with 2-port Fibre Channel Switch Modules and Nortel Networks Layer 2-7 GbE Switch

Module

Answer: B

12. A customer has the following configuration:

-- one IBM BladeCenter H chassis with one Copper Pass-thru Module

-- eight HS21 single processor blades, single hard drive, and base memory

How can the customer provide power redundancy to the Copper Pass-thru Module and the eight blades in

the chassis?

A.install a midplane expansion kit

B.add an additional pair of 2900w power supply modules

C.upgrade the power supplies from 2000w to 2900w

D.move one power supply from power domain 1 to power domain 2

Answer: B

13. A customer has an IBM BladeCenter H chassis with three, LS41 4-socket blades installed. Each blade

has the optional Fibre Channel Expansion card. The customer wants redundancy and is going to install

the following configuration:

-- two Brocade 20-Port SAN Switch Modules

-- two Nortel Networks L2-7 GbESM

-- a redundant Advanced Management Module

-- a LS41 4-socket blade

What is the minimum number of power supplies needed for this configuration to have full redundancy?

A.1

B.2

C.3

D.4

Answer: D

14. A customer wants to implement the following solution in an environment requiring DC power:

- seven HS21 blades

- three LS41 blades with Multi-Processor Expansion Unit and Combo Form Factor horizontal card

What is the minimum amount of rack space needed?

A.7U

B.14U

C.16U

D.24U

Answer: D

15. A customer wants to implement the following solution:

-- seven HS21 blades

-- six LS41 HE blades with Multi-processor Expansion Unit

-- one 1U external Fibre Channel switch

-- two 3U Fibre Channel storage devices with fourteen 146GB drives

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

A.10U

B.14U

C.21U

D.28U

Answer: C

16. A customer wants to set up a 512-node High Performance compute cluster BladeCenter environment for an extremely high bandwidth application. What is the appropriate switch module to interconnect the required multiple chassis?

A.Infiniband Switch Module

B.BladeCenter Copper Pass-thru Module

C.BladeCenter Optical Pass-thru Module

D.Nortel Networks Layer 2-7 GbE Switch Module

Answer: A

17. A customer purchases a new IBM BladeCenter chassis with ten blades. They require a direct connection from both Gigabit Ethernet ports on each blade to an external core gigabit Ethernet switch. What satisfies the current infrastructure requirements?

A.IBM BladeCenter Copper Pass-thru Modules

B.Server Connectivity Module for IBM BladeCenter chassis

C.Nortel Networks L2/3 Copper GbESM for IBM BladeCenter chassis

D.Cisco Systems Intelligent Gigabit Ethernet Switch Module

Answer: A

18. 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

Answer: C

19. A customer has an IBM BladeCenter chassis with ten HS21 blades, each with Fibre Channel

expansion cards. The customer requires connecting these blades to a DS4700 storage with two separate 4Gb SAN fabrics. The customer has two external Brocade Fibre Channel switches and two internal Brocade Enterprise switch modules. What is the minimum cabling solution for a redundant environment?

A.one LC-LC 5M cable from each Brocade switch module to each external Brocade switch

B.four SC-SC 5M cables from each Brocade switch module to each external Brocade switch

C.one LC-SC 5M cable from each Brocade switch module to each of the external Brocade switches

D.one pair of SC-SC 5M cables from each Brocade switch module to each external Brocade switch

Answer: A

20. A customer has the following requirements for a new IBM BladeCenter Enterprise chassis:

-- two dual-core 2-socket Intel blade servers configured as a Microsoft Cluster

-- three 2-socket blades configured as Web servers with no SAN connectivity

-- two single-core 1-socket blade servers configured as file servers connecting to the existing SAN storage

The customer wants to ensure there is no single point of failure in their LAN and SAN. Which configuration satisfies the customer's requirement?

A.two Cisco IGESMs, two Optical Pass-thru Modules, two Fibre Channel Expansion Cards

B.two Copper Pass-thru Modules, two QLogic 20-port Fibre Channel Switch Modules, nine Fibre Channel Expansion Cards

C.one Cisco IGESM, one QLogic 20-port SAN Switch Module, seven Fibre Channel Expansion Cards

D.two Cisco IGESMs, two QLogic 10-port SAN Switch Modules, four Fibre Channel Expansion Cards

Answer: D