



Exam : 000-078

Title : eServer BladeCenter

Ver : 12.16.08

QUESTION 1:

Certkiller .com has been running a BladeCenter with three HS20 blades and three JS20 blades error-free for six months. After installing a new HS20 blade, Certkiller .com can't get it to power on. Which of the following redundant options is required to resolve the issue?

- A. Switch Modules
- B. Management Modules
- C. Power Supply Modules
- D. Power Distribution Units

Answer: C

QUESTION 2:

Certkiller .com installed an IBM BladeCenter with Cisco IGbESM and five HS20 Blades. None of the blades can boot to PXE server. Which of the following explains how to resolve this problem?

- A. Move the blade servers to VLAN 1
- B. Disable Gratuitous ARP on the Management Module
- C. Configure the Management Module and the Blade servers on separate VLANs
- D. Configure the Management Module and the blade servers on the same VLAN

Answer: C

QUESTION 3:

Certkiller .com is planning to install a new BladeCenter chassis in an empty IBM 42U Enterprise rack. In which rack position should the chassis be installed?

- A. In any position
- B. At the top of the rack
- C. At the bottom of the rack
- D. Between positions 10 and 20

Answer: C

QUESTION 4:

Certkiller .com requires a BladeCenter solution that will support DC power and legacy Ethernet adapters. Which of the following will satisfy Certkiller .com's requirements?

- A. BladeCenter with DC Power Supply Modules and HS20 blades with PCI I/O expansion units
- B. BladeCenter with DC Power Supply Modules and HS20 Blades with Ethernet Expansion cards
- C. BladeCenter T with DC power supply module and HS20 blades with PCI I/O expansion units
- D. BladeCenter T with DC Power Supply Modules and HS20 blades with Ethernet Expansion cards

Answer: C

QUESTION 5:

Certkiller .com has the following configuration:

A BladeCenter Chassis with two fibre channel switch modules and two Ethernet switch modules, Four Blade each with fibre channel expansion card option installed. A DS4300 direct-attached to both fibre switch modules in chassis, Microsoft Windows Server 2003 Standard Edition Installed on all four blades
Certkiller .com has successfully installed Microsoft Windows on all blades that boot from SAN. However, each partition is showing up twice in the Disk Management screen in Windows. Which of the following will correct this problem?

- A. Install Windows 2003 Service Pack 1
- B. Install the appropriate RDAC drivers
- C. Install Windows 2003 Enterprise Edition
- D. Enable the Host Adapter BIOS on both fibre channel expansion cards

Answer: B

QUESTION 6:

Certkiller .com has a BladeCenter with ten HS20 blades, each with fibre channel expansion cards. Certkiller .com would like to connect these blades to a DS4300 storage server. They have two external Brocade Fibre channel switches and two internal Brocade Enterprise Switch Modules. Which of the following is the proper cabling solution for a redundant environment?

- A. Two LC-LC 5M cables from each switch module to the two external brocade switches
- B. Two SC-SC 5M cables from each switch module to the two external Brocade switches
- C. Six optical Pass-thru Module LC cables
- D. Six optical Pass-thru Module SC cables

Answer: A

QUESTION 7:

Certkiller .com would like to add five HS20 8843 blades into an existing BladeCenter Chassis with two HS20 8832 and 1800W Power supplies. Which of the following is the most cost-effective solution without introducing any downtime?

- A. Add a 2000w power-supply kit and place the new Blades in slots 7 through 11
- B. Add additional 1800w power supplies and put the five HS20 8843 into slots 7 through 11
- C. Replace the 1800w with 2000w power supplies and place the new blades in slots 3 through 7
- D. Replace the 1800w power supplies with 2000w power supplies and add an additional 2000w power supply kit

Answer: A

QUESTION 8:

Certkiller .com would like to use a tool to install the latest system BIOS 8843 blade servers. They want to minimize rebooting the server to achieve this goal. Which of the following will satisfy Certkiller .com's requirement?

- A. IBM ServerGuide CD
- B. IBM Server Plus Pack
- C. IBM Software Distribution
- D. UpdateXpress and RemoteUX utility

Answer: D

QUESTION 9:

An administrator is deploying VMWare ESX Server 2.1 on a new BladeCenter. There are six HS40 blades with IDE drives and two HS20 8843 blades. The installation has failed on the HS20 blades. What is the most likely cause?

- A. Device drivers for the HS20 have not been loaded
- B. VMWare ESX Server 2.1 does not support IDE Drives
- C. VMWare ESX Server 2.1 is not supported on the HS20 8843
- D. Device drivers for the EM64T processors have not been loaded

Answer: C

QUESTION 10:

What is an important benefit of using a switch compliant to IEEE 802.3ad?

- 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

Answer: C

QUESTION 11:

While using BladeCenter Assistant in IBM Director, which of the following task lists would be used to view the event log?

- A. IBM Director, Status and VPD, Event Log
- B. BladeCenter Wizard, Status and VPD, Event Log
- C. BladeCenter Management, status and VPD, Event Log
- D. BladeCenter Configuration, Status and VPD, Event Log

Answer: C

QUESTION 12:

Certkiller .com requires a blade-based NEBS compliant solution. Which of the following would satisfy Certkiller .com's requirements?

- A. BladeCenter Chassis
- B. BladeCenter T chassis
- C. BladeCenter Chassis with NEBS upgrade option
- D. BladeCenter chassis T Chassis with NEBS upgrade option

Answer: B

QUESTION 13:

Certkiller .com is replacing several existing servers and is consolidating them into a BladeCenter solution. The following servers are being considered for consolidation. Two Microsoft SQL server two-node clusters with each node containing four processors and hot swap SCSI drives.

Two physical Microsoft Active Directory Servers. 22 Physical Citrix servers? Three physical web servers. One physical Virtual Center and VMotion server
Eight Physical VMWare ESX servers

Which of the following configurations will best satisfy the requirements?

- A. Three BladeCenter Chassis, two Fibre modules, eight Ethernet Modules
- B. Three BladeCenter Chassis, four modules, eight Ethernet Modules
- C. Four BladeCenter Chassis, two fibre modules, four Ethernet Modules

D. Four BladeCenter chassis, four fibre modules, eight Ethernet modules

Answer: D

QUESTION 14:

An administrator wants to run a Microsoft Windows Clone install task on their blades via IBM Remote Deployment Manager (RDM) 4.20. Which of the following tasks must be completed prior to the Clone install?

- A. Execute a CMOS update task
- B. Create an installation image
- C. Use mkimages.bat for the blade
- D. Run Power Restore as an RDM task

Answer: B

QUESTION 15:

Which task should be done FIRST when deploying new HS20 and HS40 Blades in a chassis, after they are powered on?

- A. Ensure the blades are using the latest BIOS level
- B. Install the IBM Director Agent on the Blade Server
- C. Ensure the Blades are using the latest network drivers
- D. Install a supported operating system on the blade server

Answer: A

QUESTION 16:

Certkiller .com has the following configuration:

A BladeCenter Chassis with the following:

Two Gigabit Ethernet switch modules, Two fibre channel switch modules, The redundant power supply option, Four HS20 blades, each with a fibre channel expansion card installed. A DS4300 with four drives installed, configured in a single array with a single LUN.

Certkiller .com needs the HS20 blades to boot from the DS4300 with Microsoft Windows Server 2003. The first blade is installed and boots successfully but the installation of the next blade failed. Which of the following explains why the failure occurred?

- A. Multiple blades can't boot from a DS43000
- B. Each blade requires its own unique LUN to boot from the DS4300
- C. In order to boot multiple blades from a SAN, the optical pass-thru Module is required
- D. In order to boot multiple blades from a SAN, each blade must have multiple paths to

the storage device

Answer: B

QUESTION 17:

Certkiller .com used IBM Remote Deployment Manager(RDM) to deploy Microsoft Windows 2003 Server on their current HS20 (8832) blades They recently purchased tow HS20 (8843) blades. Attempts to use RDM to deploy Microsoft Windows 2003 Server on these new blades were unsuccessful. Which of the following is the minimum requirement?

- A. IBM Director Version 4.2x and RDM Version 4.20
- B. IBM Director Version 4.11 and RDM Version 4.20
- C. IBM Director Version 4.12 and RDM Version 4.20
- D. IBM Director Version 4.11 and RDM Version 4.11

Answer: A

QUESTION 18:

A BladeCenter chassis with 14 HS20 blades was shipped to Certkiller .com and the rails were installed into rack. Prior to installing the chassis into the rack, which of the following is recommended in the IBM Rack installation Instructions?

- A. Remove all HS20 blades before installing chassis
- B. Ensure that there is a 110 Power Source Available
- C. Ensure that there is an available port on KVM switch
- D. Ensure that there is a 6U of space available in the rack for the chassis

Answer: A

QUESTION 19:

Certkiller .com created a database on an HS20 8832 blade server using mirrored IDE local disks for the operating System and the database application itself. The database growth rate now appears to be such that 2TB of storage will be required in the next six months. What should Certkiller .com take into account while considering using the same HS20 8832 blade server to meet the new storage requirements?

- A. When adding a Fibre Chnnel card, the operating system needs to be reinstalled
- B. When adding a Fibre Channel card, only one internal IDE hard drive can be used
- C. When adding a Fibre Channel card, one of the embedded network adapters is disabled
- D. When adding a Fibre Channel card, more power supplies are required in the BladeCenter Chassis.

Answer: B

QUESTION 20:

Which of the following would be used to deploy a JS20 blade with SuSE 9?

- A. YaST
- B. smitty
- C. Kickstart
- D. Remote Deployment Manager

Answer: A

QUESTION 21:

After installing and powering up a BladeCenter chassis, the four HS20 installed blades have no Ethernet connectivity. The BladeCenter is connected to a Gigabit Ethernet switch via a pair of copper pass-thru modules. The HS20 blades are using the standard onboard Gigabit Ethernet Adapters. Which of the following is the most likely cause of the Copper Pass-thru Module failure?

- A. They have insufficient power
- B. They do not support Ethernet
- C. They require Support Ethernet
- D. They are in the wrong I/O Module bays

Answer: D

QUESTION 22:

Which of the following network services is required by RDM for an operating system installation for a JS20?

- A. DNS
- B. FTP
- C. WINS
- D. TFTP

Answer: D

QUESTION 23:

Certkiller .com would like to add five HS20 8843 blades into an existing BladeCenter Chassis with two HS20 and 1800W power supplies. Which of the following is the most cost-efficient solution without introducing any downtime?

- A. Add a 200w power supply kit and place the new Blades in slots 7 through 11
- B. Add additional 1800w power supplies and put the five HS20 8843 into slots 7 through 11
- C. Replace the 1800w with 2000w power supplies and place the new blades in slots 3 through 7
- D. Replace the 1800w power supplies with 2000w power supplies and add an additional 2000w power supply kit

Answer: A

QUESTION 24:

Certkiller .com tries to open a Remote Console session to a Microsoft Windows Server within the Blade Task under the management Module web interface. However, they see a blank window every time they click on the Remote Console icon. Which of the following is most likely the cause of this problem?

- A. The java plug-in is no installed or is below version 1.4.2
- B. They do not have administrator privileges on this Windows Server
- C. The logon ID for the management module does not have supervisor privilege
- D. Microsoft Internet Explorer Version 6 with SP 2 or higher is needed to perform this task

Answer: A

QUESTION 25:

Certkiller .com would like to implement three fully populated 1800W BladeCenter chassis in an IBM Enterprise rack. Which of the following power solutions will support this implementation?

- A. Two 60amp Single-phase Enterprise PDUs
- B. Two 60amp Three-phase Enterprise PDUs
- C. Two 60amp High Density Front-end PDUs
- D. Two 60amp High Density Front-end PDUs
- E. Six Universal Rack PDUs

Answer: B

QUESTION 26:

A technician wants to use the VMware Graphical Installer to install VMWare ESX 2.5 on a HS40 Blade Server. Which of the following is necessary before using the Graphical Installer?

- A. Start the installation by mapping the VMWare ESX installation CD from a workstation
- B. Plug a KVM cable from the KVM switch to the BladeCenter chassis and insert the VMWare ESX installation CD
- C. Connect to Remote Console Session via Management Module and use the Remote CD option to install VMWare ESX
- D. Plug a USB mouse, keyboard and Monitor to the BladeCenter Chassis and insert the VMWare ESX installation CD

Answer: D

QUESTION 27:

Which of the following settings can be configured utilizing the BladeCenter Management Module Web Interface?

- A. The data and time
- B. Ownership of the serial and USB ports
- C. The ability to access the Management port on the optical phase-thru Module
- D. The ability to activate support for double-byte character set (DBCS) languages

Answer: A

QUESTION 28:

What is the default network address of the management module and any module placed in an I/O module bay?

- A. 192.0.0.x
- B. 192.16.70.x
- C. 192.168.0.x
- D. 192.168.70.x

Answer: D

QUESTION 29:

Certkiller .com has been running a BladeCenter Chassis with four power supplies for three months. They recently purchased a new HS20 which is installed in slot 7. After inserting the HS20, the blade fails to power on after pressing the power button on the HS20. Which of the following is the most likely cause of this issue?

- A. Power supplies 1 and 2 are defective
- B. Local Power Control has been disabled for the new blade
- C. System BIOS is at the previous level on the new blade
- D. Additional power supplies must be installed in the BladeCenter

Answer: B

QUESTION 30:

Using BIM Remote Deployment Manager, Which partition (other than the staging partition) is required to successfully deploy a Linux Native Installation?

- A. /etc
- B. swap
- C. / (root)
- D. /var

Answer: C

QUESTION 31:

How should the BIOS be updated on HS40 blades?

- A. Insert the ServerGuide CD, boot the HS40 blade and follow the prompts
- B. Press F1 when the HS40 System is booting, select update BIOS, insert the diskette into the diskette drive and select ok
- C. Use the Firmware update option in the Blade Tasks section of the Management Module to push the update to the HS40 Blades
- D. Place the HS40 POST/BIOS Flash Disk1 into the diskette drive, boot the blade, follow the prompts and insert Disk 2 when prompted and press any key

Answer: D

QUESTION 32:

An administrator is creating a Microsoft Windows Native install image with IBM Remote Deployment Manager (RDM) 4.20. During the creation of the image, the task fails. What is the most likely cause of the failure?

- A. The computer name is invalid
- B. The Windows product ID is incorrect
- C. The size of the image has exceeded 2GB
- D. The source file are not on the RDM server

Answer: C

QUESTION 33:

Certkiller .com has a small 100mb and want to add five servers to their network in a new BladeCenter chassis. Certkiller .com has small application servers, each with

their own internal hard drives. Each server requires access to two different LAN segments. Certkiller .com is considering installation a SAN; however that will be a future project. Which of the following would best satisfy Certkiller .com's requirements?

- A. Two Optical Pass-thru Modules
- B. Two BladeCenter 4-port Gigabit Ethernet Switch Modules
- C. Two copper pass-thru modules, two optical pass-thru modules
- D. Two optical Pass-thru Modules; fibre channel switch modules

Answer: B

QUESTION 34:

Certkiller .com has ordered and installed a new BladeCenter chassis with six HS20 Blade servers, two Ethernet Modules and two fibre switch modules. The HS20 servers can't connect to the SAN. What is the most likely reason why the HS20 servers can't connect to the SAN?

- A. The Fibre switch modules are installed in Bays 1 and 2
- B. The Fibre I/O adapters are installed in the wrong slots
- C. The Ethernet I/O adapters are installed in the wrong slots
- D. The Ethernet I/O switch modules are incomputable

Answer: A

QUESTION 35:

A BladeCenter is filled with six HS20 Blades in slots 1-6 and three JS20 blades in slots 9-11. All-Blades have fibre channel expansion cards except the Blade in slot 11. The BladeCenter also contains two optical Pass-thru Modules that connect to a SAN backbone. How many optical Pass-thru module cables are needed in total for dual-port access on each blade?

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

Answer: D

QUESTION 36:

Certkiller .com is trying to access the Web based management GUI on a BladeCenter Ethernet switch via the external ports. However they are unable to connect. Which of the following needs to be done to resolve this problem?

- A. Update the Ethernet Switch module to the latest firmware
- B. Install the current version of the Java Runtime Engine (JRE)
- C. Download and install the management tool needed to configure Ethernet Switch module
- D. Enable "External Management Over all Ports" from within the BladeCenter Management Module web GUI

Answer: D

QUESTION 37:

What is an important benefit of using a switch compliant to IEEE 802.1Q?

- 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 between any two stations

Answer: B

QUESTION 38:

What is the default domain ID used by the Brocade Entry and Enterprise SAN Switch Module for BladeCenter?

- A. 1
- B. 64
- C. 97
- D. 127

Answer: C

QUESTION 39:

An Administrator wants to run a Microsoft Windows Clone install task on their Blades via IBM Remote Deployment Manager (RDM) 4.20. Which of the following tasks must be completed prior to the Clone install?

- A. Execute a CMOS Update task
- B. Create an Installation image
- C. Use mkimages.bat for the blade
- D. Run Power Restore as an RDM task

Answer: B

QUESTION 40:

Certkiller .com has a Cisco Ethernet Switch Module in I/O Bay 1 with none of it's LEDs lit. To resolve the problem, the Cisco Switch needs:

- A. The external ports enabled
- B. To be powered on via uplink ports
- C. To be powered on via the Management Module
- D. The IP Address configured for the same subnet as the management module

Answer: C

QUESTION 41:

Certkiller .com has a BladeCenter with ten blades, each with a Fibre Channel Expansion card intalled. There are two BladeCenter 2-port Fibre channel Switch Modules in the chassis. Two of the blades will be accessing sensitive data on a fibre channel device. Certkiller .com does not want the other eight blades to be capable of accessing this device. That type of zoning should be used?

- A. Soft Zone
- B. Hard Zone
- C. Access Control List Zone
- D. Virtual Private Fabric Zone

Answer: D

QUESTION 42:

Certkiller .com has configured alerting via the management module. The alert recipients are not receiving any SNMP notification, however all other methods of notification are working, Which of the following is the cause of the problem?

- A. Only one community has been defined on the Management Module
- B. The SNMP agent and Traps must be configured on the management module
- C. The management module has been restarted
- D. The MIB has been updated on the SNMP manager

Answer: B

QUESTION 43:

Certkiller .com needs a BladeCenter solution that will host VMWare ESX version 2.5

servers. The BladeCenter will be populated with HS20 blades with the appropriate I/O adapter, sufficient power modules and two Ethernet modules. They will do be implementing Virtual Center and VMotion. Which of the following BladeCenter options is required to complete the solution?

- A. Copper Pass-thru Module
- B. TopSpin Switch Module
- C. Cisco Switch Module
- D. Fibre Switch Module

Answer: D

QUESTION 44:

Which of the following is true when using the ServerGuide CD to install a Microsoft Windows Operating System?

- A. The ServerGuide CD ships with each blade server
- B. When using ServerGuide, no user intervention is required
- C. When using ServerGuide, no other CD is required for OS installation
- D. The ServerGuide CD contains all drivers required for the OS installation

Answer: D

QUESTION 45:

Certkiller .com wants to purchase an additional two blades for their BladeCenter chassis. One of the blades should run a Microsoft Windows Operating System and the other will run AIX 5.2x. Which of the following blade combinations will satisfy the requirement?

- A. Two JS20 blades
- B. One HS40 Blade and one LS20 Blade
- C. One LS20 Blade and one HS20 Blade
- D. One HS20 Blade and one JS20 Blade

Answer: D

QUESTION 46:

Certkiller .com installed an IBM BladeCenter with Cisco 1bgESM and five HS20 blades. None of the blades can boot to a PXE server. Which of the following explains how to resolve this problem?

- A. Move the blade servers to VLAN1
- B. Disable Gratuitous ARP on the Management Module

- C. Configure the Management Module and the blade servers on separate VLANs
- D. Configure the Management Module and the blade servers on the same VLAN

Answer: C

QUESTION 47:

Certkiller .com requires a BladeCenter solution that will support DC power and legacy Ethernet adapters. Which of the following will satisfy Certkiller .com's requirements?

- A. BladeCenter with DC power supply Modules and HS20 Blades with PCI I/O expansion units
- B. BladeCenter with DC power supply Modules and HS20 blades with Ethernet Expansion cards
- C. BladeCenter T with DC power supply modules and HS20 blades with Ethernet Expansion units
- D. BladeCenter T with DC power supply modules and HS20 blades with Ethernet Expansion cards

Answer: C

QUESTION 48:

Certkiller .com is planning to install a new BladeCenter chassis in an empty IBM 42U Enterprise rack. In which rack position should the chassis be installed?

- A. In any position
- B. At the top of the rack
- C. At the bottom of the rack
- D. Between positions 10 and 20

Answer: C

QUESTION 49:

Which of the following can be used to update firmware on all Ethernet switch module options?

- A. FTP
- B. TFTP
- C. Web Browser
- D. Management Module

Answer: B

QUESTION 50:

Certkiller .com has an IBM BladeCenter chassis with one BladeCenter 4-port GbESM. They want to re-image an older HS20 8678 blade from Linux to Microsoft Windows 2000 server using IBM remote Deployment Manager. When the blade was rebooted, the PXE boot was unsuccessful. Which of the following is the best solution to resolve this problem?

- A. Configure the blade BIOS to boot from the network first
- B. Update the onboard network adapter to the latest BIOS
- C. Update the BladeCenter 4-port GbESM to the latest firmware
- D. Configure the DHCP server with the blade's MAC address for PXE boot

Answer: A

QUESTION 51:

A technician received a blank screen during the installation of Red Hat Enterprise Linux version 3. Which of the following Linux commands will most likely prevent this type of installation failure while in the LILO/GRUB boot screen?

- A. linux text vga=ask
- B. linux text vga=0x305
- C. linux text vga=0x307
- D. linux text vga=normal

Answer: A

QUESTION 52:

Certkiller .com has a BladeCenter with ten HS20 blades, each with fibre channel expansion cards. Certkiller .com would like to connect these blades to a DS4300 storage server. They have two external Brocade fibre channel switches and two internal Brocade Enterprise Switch modules. Which of the following is the proper cabling solution for a redundant environment?

- A. Two LC-LC 5M cables from each switch module to the two external Brocade Switches
- B. Two SC-SC 5M cables each switch module to the two external Brocade switches
- C. Six Optical Pass-thru Model LC cables
- D. Six Optical Pass-thru Module SC cables

Answer: A

QUESTION 53:

Certkiller .com has installed two BladeCenter Chassis and additional xSeries servers in an IBM rack with glass doors. Everything has been running normally for the first few hours of operation, but now the blowers in both BladeCenter have suddenly increased their speed. Which of the following is a supported resolution?

- A. Replace the glass doors of the rack with perforated doors
- B. Install fans on the top of the new rack to extract hot air out
- C. Call IBM service to get the blowers in both BladeCenter replaced
- D. Add more blowers to increase the cooling capabilities of the BladeCenter

Answer: A

QUESTION 54:

Certkiller .com needs to purchase a new BladeCenter Chassis with ten blades. They want a direct connection from both Gigabit Ethernet ports on each blade to an external 48-ports Cisco Switch. Which of the following will protect their current infrastructure investment while keeping costs minimal?

- A. BladeCenter 4-port GbESM
- B. Cisco GbESM for the BladeCenter
- C. BladeCenter Copper Pass-thru Module
- D. Nortel Networks Layer 2-7 GbE Switch Module

Answer: C

QUESTION 55:

Certkiller .com has a rack with four BladeCenter chassis. Everything has been operating normally for a number of months. Certkiller .com recently installed a new rack in the server room full of IBM xSeries servers. 24 hours after the new rack was operational, the system administrator noticed that the blowers in all four BladeCenters increased their speed. What is the probable cause of this issue?

- A. One of the BladeCenter Blowers failed
- B. A Blade within the chassis has been shut down
- C. One of the additional xSeries servers in the BladeCenter rack has failed
- D. Host air from the new rack is blowing into the front of the BladeCenter rack

Answer: D

QUESTION 56:

Certkiller .com has a BladeCenter with three HS20 Blades that will be accessing one network segment and a mix three HS20 blades and two HS40 blades that will be accessing a different LAN segment. What is the minimum number of switch

modules and VLAN IDs required?

- A. One Ethernet switch module and two VLAN IDs
- B. Two Ethernet Switch modules and no VLAN IDs
- C. Two Ethernet switch modules and two VLAN IDs
- D. One Ethernet switch module and eight VLAN IDs

Answer: A

QUESTION 57:

Certkiller .com is using the IBM Remote Deployment Manager Server to deploy two chassis of 8843 EM64T blade servers with VMWare ESX 2.5. However, it fails every time when using the default ESX installation task from RDM. Which of the following will most likely resolve this problem?

- A. Set up a NFS share for the VMWare ESX installation files and use the default task in RDM
- B. Set up a NFS share for the VMWare ESX installation files and create a custom task in RDM
- C. Set up a TFTP share for the VMWare ESX installation files and use the default task in RDM
- D. Set up a TFTP share for the VMWare ESX installation files and create a custom task in RDM

Answer: B

QUESTION 58:

Certkiller .com requires a blade-based NEBS compliant solution. Which of the following would satisfy Certkiller .com's requirements?

- A. BladeCenter Chassis
- B. BladeCenter T Chassis
- C. BladeCenter Chassis with NEBS upgrade option
- D. BladeCenter T Chassis with NEBS upgrade option

Answer: B

QUESTION 59:

Certkiller .com has an IBM BladeCenter Cisco switch with out-of-date firmware. Which of the following is used to upgrade the firmware to the latest level?

- A. FTP
- B. TFTP

- C. Web Browser
- D. Management Module CLI

Answer: B

QUESTION 60:

How should Remote Deployment Manager (RDM) be set up to run a deployment task to multiple Intel based blades simultaneously?

- A. Drag and Drop the task to a group of blades
- B. Install image deployment agents on each blade
- C. Drag and drop the task to each blade one at a time
- D. Create an RDM.ini file first and distribute to all blades

Answer: A

QUESTION 61:

Certkiller .com has two Ethernet Switch Modules installed in a BladeCenter Chassis. Both modules are configured identically to one another. One of the Ethernet Modules was reset to factory defaults. What is the best solution to return the configuration of the module back to Certkiller .com specific configuration?

- A. Restore the configuration from NVRAM using the Switch Module Web Interface
- B. Bypass the reset command from the command line using a -sm1 no recover command
- C. Update the firmware level on the switch module that was reset to restore the custom configuration
- D. Backup the configuration from the first module and restore it to the second module using the Management Module

Answer: D

QUESTION 62:

Certkiller .com wants to connect a BladeCenter chassis to an existing Extended SAN fabric. Which of the following switch modules will fulfill the requirement?

- A. Topspin infiniband Switch Module
- B. Nortel Layer 2/3 Fibre Switch Module
- C. Qlogic 6-port Enterprise Fibre Switch Module
- D. Cisco Systems Fiber Intelligent Switch Module

Answer: C

QUESTION 63:

Certkiller .com wants to implement three VLANs for the servers of a BladeCenter Chassis. All the blade servers, even if members of different VLANs, need to communicate to external devices. Which configuration is required on the Ethernet switch modules in the chassis to allow proper communication?

- A. The Management VLAN must be routed through the external switches
- B. The Ethernet switch modules of the Chassis must be interconnected
- C. The External switches must be set to BladeCenter Compatibility mode
- D. The external Ethernet Ports on the switch Modules must be member of all VLANs

Answer: D

QUESTION 64:

Certkiller .com installed an IBM BladeCenter with Cisco iGbESM and Five HS20 Blades. None of the blades can boot to a PXE server. Which of the following explains how to resolve this problem?

- A. Move the blade servers to VLAN1
- B. Disable Gratuitous ARP on the Management Module
- C. Configure the Management Module and the blade servers on Separate VLANs
- D. Configure the Management Module and the blade servers on the same VLAN

Answer: C

QUESTION 65:

Certkiller .com has a mix of HS20 8843 and HS40 8839 blade servers in their facility. There is a new directive to move from Microsoft Windows Operating Systems to SuSE Linux 9 for the blade servers. Which version of SuSE is supported on ALL of the existing blades?

- A. SuSE Linux professional 8.0
- B. SuSE Linux Enterprise Server 9 for x86
- C. SuSE Linux Enterprise Server 9 for IBM POWER
- D. SuSE Linux Enterprise Server 9 for ADM64/EM64T

Answer: B

QUESTION 66:

After completing the VMWare installation on a blade server, the server reboots and starts the installation again. What should be done to resolve this problem?

- A. Update the BIOS
- B. Type "eject/Force -CD"
- C. Manually Eject the CD prior to reboot
- D. Remove the autorun.inf file and eject the CD

Answer: C

QUESTION 67:

How is the event log cleared on a BladeCenter Chassis?

- A. Power down and restart the BladeCenter
- B. Use the Management Module Web Interface screen
- C. Type "Module - clreaeventlog" from the command line interface
- D. Use the IP Reset button for each management module installed in the chassis

Answer: B

QUESTION 68:

After installing a new BladeCenter, IBM Director has successfully discovered the new chassis. Which of the following tasks must first be performed before launching the Deployment Wizard in IBM Director?

- A. Update the BladeCenter Management Module firmware
- B. Enable the Ethernet switch ports for external management
- C. Select "Request Access" to the Management Module
- D. Move the management module Ethernet port to a management VLAN

Answer: C

QUESTION 69:

Which of the following commands would provide the location of the primary management module when redundant modules are installed in a chassis?

- A. getmmfo
- B. list -la
- C. gettopology
- D. identify -s -T system:MM[4]

Answer: B

QUESTION 70:

A Remote Administrator attempts to open a Remote Console session to a Windows

Server via the Management Module web Interface. All the Administrator sees is a blank Window when they click on the Remote Console icon. Which of the following is the cause of this problem?

- A. The Popup blocker is disabled in the Web Browser
- B. The user has not switched the KVM focus locally at the blade server
- C. The Firewall in Certkiller .com's network is blocking the relevant port
- D. The Java Plug-in 1.2.1 is not installed on the Web Browser that Certkiller .com is using

Answer: C

QUESTION 71:

An Administrator is deploying VMWare ESX Server 2.1 on a new BladeCenter. There are six HS40 blades with IDE drives and two HS20 8843 blades. The installation has failed on the HS20 blades. What is the most likely cause?

- A. Device drivers for the HS20 have not been loaded
- B. VMWare ESX Server 2.1 does not support IDE Drives
- C. VMWare ESX Server 2.1 is not supported in the HS20 8843
- D. Device drivers for the EM64T processors have not been loaded

Answer: C

QUESTION 72:

Certkiller .com has a standard BladeCenter chassis with redundant Ethernet and Fibre Modules with six HS20 8843 blades with mirrored internal SCSI drives. Certkiller .com wants to add one HS20 8843 blade configured with mirrored internal SCSI drives and fibre channel connectivity. Which of the following should be ordered?

- A. An HS20 8843 blade with Fibre Channel Expansion (Small Form Factor) card and one SCSI hard drive
- B. An HS20 8843 blade with Fibre Channel Expansion (Small Form Factor) card and two SCSI hard drives
- C. An HS20 8843 blade with Fibre channel Expansion (Small Form Factor) card and two SCSI hard drives including optional redundant power supply modules for the chassis
- D. An Hs20 8843 blade with Fibre Channel Expansion (Standard Form Factor) card and two SCSI hard drives including optional redundant power supply modules for the chassis

Answer: C

QUESTION 73:

Certkiller .com purchased a new LS20 Blade Server for the their Existing

BladeCenter Chassis, which has been operating successfully for a year. After they installed the new LS20 Blade, it was not recognized by the management module and is unable to power up. What action will resolve the issue?

- A. Reset the LS20
- B. Reboot the Management Module
- C. Upgrade the LS20 ISMP to the latest firmware
- D. Upgrade the Management Module to the latest firmware

Answer: D

QUESTION 74:

Certkiller .com purchased an entire BladeCenter Chassis of JS20 Blades. They plan on deploying AIX on each Blade For testing and development purposes. What is the minimum level of AIX that is supported on the JS20?

- A. AIX 4.3.3
- B. AIX 5.1
- C. AIX 5.2H
- D. AIX 5.3

Answer: C

QUESTION 75:

Certkiller .com is deploying HS20 blade servers using a Microsoft Windows 2000 Server CD. To ease the installation they are using the Server Guide CD. All of the attempts to install fail on each blade with a Blue Screen STOP error message. What is the most likely cause of this problem?

- A. ServerGuide can't be used to install IBM blade servers
- B. Microsoft Windows 2000 is not supported on IBM Blade Servers
- C. Certkiller .com is not using a Microsoft OS CD integrated with Service Pack 3
- D. Certkiller .com is not using the ServerGuide CD specifically designed for the blade servers

Answer: C

QUESTION 76:

Certkiller .com installed a new BladeCenter and connected the Management Module to their LAN. The LAN has an active DHCP server. To find the assigned IP address from the DHCP server, which default host name would be used by the management module?

- A. MM followed by the MAC address of the management module
- B. IBM8677 followed by the serial number of the BladeCenter
- C. IBM followed by the MAC address of the Management Module
- D. IBMBLADECENTER

Answer: A

QUESTION 77:

How is the default IP address restored on the management module?

- A. Press the IP reset button
- B. Replace the management module
- C. Power cycle the BladeCenter chassis
- D. Unplug the Management Module for 10 seconds

Answer: A

QUESTION 78:

An administrator has created a customized Linux native install operating system image to deploy to the blades. When the administrator creates a task that uses this image, the installation fails. Which of the following is the most likely cause?

- A. boot.ini is incorrectly configured
- B. All packages and package group had been selected
- C. Only the required packages and package groups were installed
- D. The packages and package groups present in the modified comps file were no selected

Answer: D

QUESTION 79:

Which task should be done FIRST when deploying new JS20 blades into a chassis, after they are powered on?

- A. Update the network drivers
- B. Update the blade server BIOS
- C. Install the operating System
- D. Install the IBM Directory Agent

Answer: C

QUESTION 80:

Certkiller .com has a BladeCenter with a Nortel Networks L2/3 copper Ethernet

switch and wants to create an aggregated link to an external Cisco Switch making maximum use of aggregation capacity, redundancy and provide VLAN tagging capabilities. Which of the following will satisfy this requirement?

- A. Add an additional Ethernet daughter board to each BladeServer and create a 4 way team using the Broadcom software. Uplink all four external ports to the Cisco Switch.
- B. Create an aggregated link with all four external powers using the IEEE 802.3ad protocol found in the link aggregation section of the configuration menu uplink all four external ports to the Cisco switch
- C. Create an aggregated link with all four external ports using the port trunking function found in the link aggregation section of the configuration menu. Uplink all four external ports to the Cisco Switch
- D. Create four static VLANs and assign EXT1 and blades 1 to 3 VLAN1, assign EXT2 and Blades 4 - 6 to VLAN2, assign EXT3 and Blades 7 - 10 to VLAN 3 and assign EXT4 and Blades 11 - 14 to VLAN4. Uplink all four external ports to the Cisco Switch.

Answer: B

QUESTION 81:

Which event substitution variable phrase would allow one to forward alerts from any Director Agent translate the alert into a concise message that would describe the basis of the problem?

- A. &serverity & category from &system.&text
- B. &serverity & category &"from" &system.&text & "."
- C. &status &category from &system &text
- D. &status &category &"from" &system &text & "."

Answer: A

QUESTION 82:

Which two of the following hardware alerts can be sent to each blade server's IBM Director agent?

- A. Fan Alert
- B. Virus Alert
- C. Voltage Alert
- D. Intruder Alert
- E. Temperature alert
- F. Power Supply failure

Answer: C,E

QUESTION 83:

The administrator of the BladeCenter creates several user accounts. User B has determined that they need to clear the Event log in order to turn off the lid error LEDs on the front of the BladeCenter Chassis. When User B accesses the Management Module Web Interface, they find that they can not successfully clear the event log. Which of the following explains why this issue occurred?

- A. The event log can only be cleared from command line
- B. The event log can only be cleared by the default USERID and PASSWORD
- C. The event log can only be cleared by restarting the BladeCenter Chassis
- D. The user does not have the required privileges to clear the event log

Answer: D

QUESTION 84:

Certkiller .com is installing a BladeCenter into an existing zoned and redundant Brocade SAN environment. The BladeCenter has redundant Brocade Enterprise Fibre Channel Switch Modules that will participate in the SAN. Certkiller .com set up the internal switch modules and zoning and then merged then two zones. The zone merge failed. Which of the following is the most likely reason for the failure?

- A. The zone sets have members with identical names
- B. The switches do not have full fabric activation
- C. There is a cable failure between the internal switch modules and the external switches
- D. The storage devices in the existing zone are not compatible with the internal switch modules

Answer: A

QUESTION 85:

Certkiller .com wants to purchase a BladeCenter Chassis populated with HS20 (8843) blades in order to run existing applications. Many of their existing applications only run under Microsoft Windows NT 4.0 server. How can this be accomplished?

- A. Install NT 4.0 server on blades in the BladeCenter T chassis
- B. Install NT 4.0 Server with Service Pack 6 on all of the Blades
- C. Install NT 4.0 server with Service Pack 6 on all of the blades after ensuring the proper firmware level is installed
- D. Install VMWare ESX server 2.5 first and then install NT 4.0 Server as a guest operating system

Answer: D

QUESTION 86:

Which task should be done FIRST when deploying new HS20 and HS40 Blades in a chassis, after they are powered on?

- A. Ensure the blades are using the latest BIOS level
- B. Install the IBM Director Agent on the blade server
- C. Ensure the blades are using the latest network drivers
- D. Install a supported operating System on the blade server

Answer: A

QUESTION 87:

Certkiller .com wants to set up a 512 node (HPC Cluster) BladeCenter environment for an extremely high bandwidth application. Which of the following is the most appropriate switch module to interconnect the multiple chassis needed?

- A. Topspin 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

QUESTION 88:

An administrator has created a customized Linux Native Install operating system image to deploy to the blades. When the administrator creates a task that uses this image, the installation fails. Which of the following is the most likely cause?

- A. boot.ini is incorrectly configured
- B. All packages and package groups had been selected
- C. Only the required packages and package groups were installed
- D. The packages and package groups present in the modified comps file were not selected

Answer: D

QUESTION 89:

Certkiller .com wants a new BladeCenter chassis installed with redundant power sources. What is the minimum PDU configuration, recommended by IBM, to support a single chassis fully populated with 2000W power supplies?

- A. 2 Rack PDUs - 100-127Vac, 15a

- B. 1 Front End PDU - 208Vac, 30a, single-phase
- C. 2 Front End PDUs - 208Vac, 30a, single-phase
- D. 2 Enterprise PDUs - 208Vac, 60a, single-phase

Answer: C

QUESTION 90:

After installing a new BladeCenter, IBM Director has successfully discovered the new chassis. Which of the following tasks must first be performed before launching the Deployment Wizard in IBM Director?

- A. Update the BladeCenter Management Module firmware
- B. Enable the Ethernet switch ports for external management
- C. Select "Request Access" to the Management Module
- D. Move the Management Module Ethernet port to a management VLAN

Answer: C

QUESTION 91:

Which TWO of the following hardware alerts can be sent to each blade server's IBM Director agent?

- A. Fan Alert
- B. Virus Alert
- C. Voltage alert
- D. Intruder Alert
- E. Temperature alert
- F. Power Supply failure

Answer: C,E

QUESTION 92:

What is the default network address of the Management Module and any modules placed in an I/O module bay?

- A. 192.0.0.x
- B. 192.16.70.x
- C. 192.168.0.x
- D. 192.168.70.x

Answer: D

QUESTION 93:

Which of the following can be used to update firmware on all Ethernet switch module options?

- A. FTP
- B. TFTP
- C. Web Browser
- D. Management Module

Answer: B

QUESTION 94:

What is an important benefit of using a switch compliant to IEEE 802.1Q?

- 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.

Answer: B

QUESTION 95:

After a completed installation of Microsoft Windows Server 2003 Standard Edition on an HS20 8843 blade server, there is no network connectivity. Which of the following should be done to resolve this problem?

- A. Apply Windows 2003 Service Pack 1.
- B. Install the Broadcom network driver.
- C. Enable the Network adapter from the Management Module Web Interface.
- D. Change Ethernet adapters duplex mode to auto within network settings.

Answer: B

QUESTION 96:

Certkiller .com has a BladeCenter with eight HS20 blades, two Nortel L2/L3 Ethernet switches, and no redundant KVM/Management Module. There are three VLANs set up in the chassis. The customer cannot ping from an external workstation to the blades. Which of the following is most likely the cause of the problem?

- A. The Nortel L4-7 upgrade was not installed.
- B. The Management Module internal interface is disabled.
- C. Firmware should have been updated on each of the Nortel switches.
- D. Tagging is not enabled for all ports on the switch modules and the external switches.

Answer: D

QUESTION 97:

An administrator is creating a Microsoft Windows Native Install image with IBM Remote Deployment Manager (RDM) 4.20. During the creation of the image, the task fails. What is the most likely cause of the failure?

- A. The computer name is invalid.
- B. The Windows product ID is incorrect.
- C. The size of the image has exceeded 2GB.
- D. The source files are not on the RDM server.

Answer: C

QUESTION 98:

Certkiller .com needs a BladeCenter solution that will host VMware ESX version 2.5 servers. The BladeCenter will be populated with HS20 blades with the appropriate I/O adapter, sufficient power modules and two Ethernet modules. They will also be implementing Virtual Center and VMotion. Which of the following BladeCenter options is required to complete the solution?

- A. Copper Pass-thru Module
- B. TopSpin Switch Module
- C. Cisco Switch Module
- D. Fibre Switch Module

Answer: D

QUESTION 99:

Certkiller .com would like to add five HS20 8843 blades into an existing BladeCenter Chassis with two HS20 8832 and 1800W power supplies. Which of the following is the most cost-efficient solution without introducing any downtime?

- A. Add a 2000w power supply kit and place the new Blades in slots 7 through 11
- B. Add additional 1800w power supplies and put the five HS20 8843 into slots 7 through 11
- C. Replace the 1800w with 2000w power supplies and place the new blades in slots 3 through 7

D. Replace the 1800w power supplies with 2000w power supplies and add an additional 2000w power supply kit

Answer: A

QUESTION 100:

Certkiller .com requires six HS20 blade servers in a new BladeCenter Chassis. Each blade requires redundant paths to two separate network segments. Which hardware is necessary to meet these requirements?

- A. Four Copper Pass-thru Modules
- B. Four Gigabit Ethernet Switches Modules
- C. Two Copper Pass-thru Modules and a Gigabit Ethernet Daughter Card in each blade
- D. Four Gigabit Ethernet Switch Modules and a Gigabit Ethernet Daughter Card in each blade

Answer: D

QUESTION 101:

Microsoft Windows Server 2003 is installed on several blades configured with static IP addresses, gateway and DNS information. None of the blades are able to ping the gateway or other servers in the same subnet within the chassis. The "Show icon in notification area when connected" box in the Network property shows connection to the network. Which of the following will resolve the problem?

- A. Correct the DNS address.
- B. Correct the subnet mask.
- C. Correct the gateway address.
- D. Connect the network cable to the router.

Answer: B

QUESTION 102:

Certkiller .com has a small 100Mb LAN network and wants to add five servers to their network in a new BladeCenter chassis. The customer has small application servers, each with their own internal hard drives. Each server requires access to two different LAN segments. The customer is considering installing a SAN; however that will be a future project. Which of the following would best satisfy the customer's requirements?

- A. Two Optical Pass-thru Modules
- B. Two BladeCenter 4-port Gigabit Ethernet Switch Modules
- C. Two Copper Pass-thru Modules, two Optical Pass-thru Modules
- D. Two Optical Pass-thru Modules, Fibre Channel Switch Modules

Answer: B

QUESTION 103:

Certkiller .com plans to deploy an IBM BladeCenter Chassis. It will contain:

Two Nortel Networks Layer 2-7 GB Ethernet Switch Modules

Two Brocade Enterprise Fibre Channel Switch Modules

Redundant Management Modules

How many copper RJ45 and fibre ports are on the back of the chassis?

- A. 8 copper RJ45 ports and 4 fibre channel ports
- B. 8 copper RJ45 ports and 12 fibre channel ports
- C. 10 copper RJ45 ports and 4 fibre channel ports
- D. 10 copper RJ45 ports and 12 fibre channel ports

Answer: C

QUESTION 104:

Certkiller .com has a BladeCenter with three HS20 blades that will be accessing one network segment and a mix of three HS20 blades and two HS40 blades that will be accessing a different LAN segment. What is the minimum number of switch modules and VLAN IDs required?

- A. One Ethernet switch module and two VLAN IDs
- B. Two Ethernet switch modules and no VLAN IDs
- C. Two Ethernet switch modules and two VLAN IDs
- D. One Ethernet switch module and eight VLAN IDs

Answer: A

QUESTION 105:

Certkiller .com requires 10/100/1000 Ethernet Switch Modules for a BladeCenter chassis.

For the future, they would like to explore the capability of upgrading to layers 4-7.

Which of the following modules will allow them to perform a field upgrade to layers 4-7?

- A. Nortel Networks Layer 2-7 GB Ethernet Switch Module
- B. IBM BladeCenter 4-port Gigabit Ethernet Switch Module
- C. Nortel Networks L2/3 Copper GbE Switch Module for IBM eServer BladeCenter
- D. IBM BladeCenter 4-port Cisco Systems Intelligent Gigabit Ethernet Switch Module

Answer: C

QUESTION 106:

Certkiller .com is replacing several existing servers and is consolidating them into a BladeCenter solution. The following servers are being considered for consolidation:
Two Microsoft SQL server two-node clusters, with each node containing four processors and hot swap SCSI drives
Two Physical Microsoft Active Directory Servers
22 Physical Citrix servers ? Three Physical Web servers
One Physical Virtual Center and VMotion server
Eight Physical VMware ESX servers
Which of the following configurations will best satisfy the requirements?

- A. Three BladeCenter Chassis, two Fibre modules, eight Ethernet Modules
- B. Three BladeCenter Chassis, four Fibre modules, eight Ethernet Modules
- C. Four BladeCenter Chassis, two Fibre modules, four Ethernet Modules
- D. Four BladeCenter Chassis, four Fibre modules, eight Ethernet Modules

Answer: D

QUESTION 107:

Which of the following would be used to deploy a JS20 blade with SuSE 9?

- A. YaST
- B. smitty
- C. KickStart
- D. Remote Deployment Manager

Answer: A

QUESTION 108:

How should Remote Deployment Manager (RDM) be set up to run a deployment task to multiple Intel based blades simultaneously?

- A. Drag and drop the task to a group of blades.
- B. Install image deployment agents on each blade.
- C. Drag and drop the task to each blade one at a time.
- D. Create an RDM.ini file first and distribute to all blades.

Answer: A

QUESTION 109:

Certkiller .com has the following configuration:
One BladeCenter Chassis

Four HS40 Blades with SCSI storage expansion unit and fibre daughter card
Two Network Switch Modules
One Optical Pass-thru Module

Four LC OPM cables The BladeCenter is directly attached to a SAN.

The customer installed VMware ESX 2.5x on one of the HS40 Blades. After a completed installation, the ESX server cannot connect to the SAN, and there are no link LEDs lit on the Optical Pass-thru Module. Which of the following will resolve the problem?

- A. The fibre daughter adapter driver needs to be installed in VMware.
- B. Optical Pass-thru cables should be replaced and re-connected to the SAN.
- C. The Optical Pass-thru Module needs to be powered on from the Management Module.
- D. The World Wide Names of the Optical Pass-thru Module need to be assigned to the appropriate LUN on the SAN.

Answer: C

QUESTION 110:

Certkiller .com purchased a new BladeCenter Chassis with ten HS20 blades and wants to install it in an existing non-IBM industry standard rack with 14U of open space. Which of the following requirements must be met?

- A. The rack must have an installed cooling fan.
- B. The rack must have perforated front and rear doors.
- C. The rack must have Universal PDUs with enough C-13 outlets.
- D. The BladeCenter Chassis must be installed at the top of the rack.

Answer: B

QUESTION 111:

Certkiller .com installed an IBM BladeCenter with Cisco IGBESM and five HS20 blades. None of the blades can boot to a PXE server. Which of the following explains how to resolve this problem?

- A. Move the blade servers to VLAN1.
- B. Disable Gratuitous ARP on the Management Module.
- C. Configure the Management Module and the blade servers on separate VLANs.
- D. Configure the Management Module and the blade servers on the same VLAN.

Answer: C

QUESTION 112:

Certkiller .com has a BladeCenter with a Nortel Networks L2/3 copper Ethernet switch, and wants to create an aggregated link to an external Cisco switch making maximum use

of aggregation capacity, redundancy, and provide VLAN tagging capabilities. Which of the following will satisfy this requirement?

- A. Add an additional Ethernet daughter board to each BladeServer and create a 4 way team using the Broadcom software. Uplink all four external ports to the Cisco switch.
- B. Create an aggregated link with all four external ports using the IEEE 802.3ad protocol found in the link aggregation section of the configuration menu. Uplink all four external ports to the Cisco switch.
- C. Create an aggregated link with all four external ports using the port trunking function found in the link aggregation section of the configuration menu. Uplink all four external ports to the Cisco switch.
- D. Create four static VLANs and assign EXT1 and Blades 1 to 3 to VLAN1, assign EXT2 and Blades 4 - 6 to VLAN2, assign EXT3 and Blades 7 - 10 to VLAN3 and assign EXT4 and Blades 11 - 14 to VLAN4. Uplink all four external ports to the Cisco switch.

Answer: B

QUESTION 113:

A company purchased an entire BladeCenter Chassis of JS20 Blades. They plan on deploying AIX on each Blade for testing and development purposes. What is the minimum level of AIX that is supported on the JS20?

- A. AIX 4.3.3
- B. AIX 5.1
- C. AIX 5.2H
- D. AIX 5.3

Answer: C

QUESTION 114:

In an effort to strengthen security the network support team concluded that they should disable and reassign the following BladeCenter TCP ports:

- 22
- 25
- 68
- 80
- 161
- 443

The systems administrators want to use IBM Director and RDM to run native installs of the supported NOS. The requirements can NOT be met because of which of the following reasons?

- A. HTTP port 80 supports native installation with the IBM BladeCenter.
- B. Ports 22 and 25 are management ports for the blade server communication.

- C. DHCP client connection port 68 is required for RDM to distribute the native installation packages.
- D. Secure HTTPS connection port 443 provides the Point-to-Point connection for the native installation package.

Answer: C

QUESTION 115:

Which of the following methods can be used to access the Web interface of the Management Module in a newly installed BladeCenter Chassis?

- A. Connect a crossover cable between the Management Module and a management workstation.
- B. Connect a crossover cable from the uplink ports of the BladeCenter Ethernet switch module to a management workstation.
- C. Connect a serial cable between the Management Module and a management workstation.
- D. Connect a straight-thru cable from the uplink ports of the BladeCenter Ethernet switch module to a management workstation.

Answer: A,B

QUESTION 116:

Certkiller .com has two Ethernet Switch Modules installed in a BladeCenter Chassis. Both modules are configured identically to one another. One of the Ethernet modules was reset to factory defaults. What is the best solution to return the configuration of the module back to the customer specific configuration?

- A. Restore the configuration from NVRAM using the Switch Module Web interface.
- B. Bypass the reset command from the command line using a -sm1 no recover command.
- C. Update the firmware level on the switch module that was reset to restore the custom configuration.
- D. Back up the configuration from the first module and restore it to the second module using the Management Module.

Answer: D

QUESTION 117:

Certkiller .com has been using a BladeCenter Chassis with an Ethernet switch module and 14 blades. All 14 blades suddenly lose link status in the OS. Which of the following is the most likely cause of this issue?

- A. The Management Module lost Ethernet connectivity.

- B. The Ethernet module is faulty and needs to be replaced.
- C. The uplink ports to the Ethernet module have lost connectivity.
- D. The Power Supply Module in Bay 2 is faulty and needs to be replaced.

Answer: B

QUESTION 118:

Certkiller .com requires an e-mail message alert for any critical hardware events that occur on their BladeCenter environment. Which of the following identifies the proper order for setting up this action?

- A. 1. Create a Customized action called "Email Help Desk" in "Send an Internet (SMTP) E-mail"
- 2. Create a new Event Action Plan (EAP) called "Notify Help Desk"
- 3. Drag and Drop the Critical Events from the Simple Event filter to EAP "Email Help Desk"
- 4. Drag and Drop the Customize action "Email Help Desk" to the Critical Event under "Notify Help Desk" EAP
- 5. In the main Console window, drag and drop the "Notify Help Desk" EAP to the "Chassis and Chassis Members" group
- B. 1. Create a Customized action called "Email Help Desk" in "Send an Internet (SMTP) E-mail"
- 2. Create a new Event Action Plan (EAP) called "Notify Help Desk"
- 3. Drag and Drop pre-defined "Critical Events" from the Event filter panel to the EAP just created
- 4. Drag and Drop Customized action called "Email Help Desk" under Critical Events in the newly defined EAP
- 5. In the main Console window, drag and drop the "Notify Help Desk" EAP to the "Chassis and Chassis Members" group
- C. 1. Create a Customized action called "Email Help Desk" in "Send an Internet (SMTP) E-mail"
- 2. Create a new Event Action Plan (EAP) called "Notify Help Desk"
- 3. Drag and Drop Customized action called "Email Help Desk" under Critical Events
- 4. Drag and Drop pre-defined "Critical Events" from the Event filter panel to the EAP just created
- 5. In the main Console window, drag and drop the "Notify Help Desk" EAP to the "Chassis and Chassis Members" group
- D. 1. Create a Customized action called "Email Help Desk" in "Send an Internet (SMTP) E-mail"
- 2. Create a new Event Action Plan (EAP) called "Notify Help Desk"
- 3. Drag and Drop Customized action called "Email Help Desk" under the newly defined EAP
- 4. Drag and Drop pre-defined "Critical Events" from the Event filter panel to the EAP just created
- 5. In the main Console window, drag and drop the "Notify Help Desk" EAP to the

"Chassis and Chassis Members" group

Answer: B

QUESTION 119:

After installing and powering up a BladeCenter Chassis, the HS20 blades have no Ethernet connectivity. The BladeCenter is connected to a 10/100 Ethernet LAN via a pair of Copper Pass-thru Modules (CPM). What is the most likely cause of this issue?

- A. A Gigabit Ethernet network is required.
- B. The CPM's external ports are disabled.
- C. The CPMs are in the wrong I/O Module bays.
- D. The link speed and duplex settings are incorrect.

Answer: A

QUESTION 120:

Certkiller .com has a standard BladeCenter Chassis with redundant Ethernet and Fibre Switch Modules with six HS20 8843 blades with mirrored internal SCSI drives. The customer wants to add one HS20 8843 blade configured with mirrored internal SCSI drives and fibre channel connectivity. Which of the following should be ordered?

- A. An HS20 8843 blade with Fibre Channel Expansion (Small Form Factor) card and one SCSI hard drive
- B. An HS20 8843 blade with Fibre Channel Expansion (Small Form Factor) card and two SCSI hard drives
- C. An HS20 8843 blade with Fibre Channel Expansion (Small Form Factor) card and two SCSI hard drives including optional redundant power supply modules for the chassis
- D. An HS20 8843 blade with Fibre Channel Expansion (Standard Form Factor) card and two SCSI hard drives including optional redundant power supply modules for the chassis

Answer: C

QUESTION 121:

Certkiller .com has the following configuration:

A BladeCenter Chassis with two fibre channel switch modules and two Ethernet switch modules

Four blades each, with fibre channel expansion card option installed

A DS4300 direct-attached to both fibre switch modules in chassis

Microsoft Windows Server 2003 Standard Edition installed on all four blades

The customer has successfully installed Microsoft Windows on all blades that boot from SAN. However, each partition is showing up twice in the Disk Management screen in Windows. Which of the following will correct this problem?

- A. Install Windows 2003 Service Pack 1.
- B. Install the appropriate RDAC drivers.
- C. Install Windows 2003 Enterprise Edition.
- D. Enable the Host Adapter BIOS on both fibre channel expansion cards.

Answer: B

QUESTION 122:

Certkiller .com has the following requirements for a new BladeCenter:

Two 4 way servers clustered together running Microsoft Cluster Services

Three 2 way Web Servers

Two File Servers with access to a large repository of files stored in existing SAN

The customer wants to ensure there is no single point of failure in their LAN and SAN networks.

The current environment is as follows:

The existing SAN switches are QLogic

The existing LAN is copper based 100Mb

Which of the following best satisfies the customer's requirements?

- A. Two Cisco gigabit Ethernet switch modules, two Optical Pass-thru Modules, seven Fibre Channel Expansion Cards
- B. Two Copper Pass-thru Modules, two QLogic 6-port Fibre Channel Switch Modules, four Fibre Channel Expansion Cards
- C. One Cisco Gigabit Ethernet Switch Module, one QLogic 6-port Fibre Channel Switch Module, seven Fibre Channel Expansion Cards
- D. Two Cisco gigabit Ethernet switch modules, two QLogic 6-port Fibre Channel Switch Modules, four Fibre Channel Expansion Cards

Answer: D

QUESTION 123:

Certkiller .com installed a new BladeCenter and connected the Management Module to their LAN. The LAN has an active DHCP server. To find the assigned IP address from the DHCP server, which default host name would be used by the Management Module?

- A. MM followed by the MAC address of the Management Module
- B. IBM8677 followed by the serial number of the BladeCenter
- C. IBM followed by the MAC address of the Management Module
- D. IBMBLADECENTER

Answer: A

QUESTION 124:

Certkiller .com is considering the purchase of a new HS20 server for an existing BladeCenter Chassis. The solution calls for SCSI RAID Level-1E. Which of the following is the minimum configuration?

- A. 8843 HS20 with two drives
- B. 8832 HS20 with two drives and a SCSI Expansion Unit-2 with one drive
- C. 8843 HS20 with two drives and a SCSI Expansion Unit-2 with one drive
- D. 8842 JS20 with two drives and a SCSI Expansion Unit-2 with one drive

Answer: C

QUESTION 125:

A BladeCenter is filled with six HS20 blades in slots 1-6 and three JS20 blades in slots 9-11. All Blades have Fiber Channel Expansion Cards except the Blade in slot 11. The BladeCenter also contains two Optical Pass-thru Modules that connect to a SAN backbone. How many Optical Pass-thru Module Cables are needed in total for dual-port access on each Blade?

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

Answer: D

QUESTION 126:

What is the default domain ID used by the Brocade Entry and Enterprise SAN Switch Module for BladeCenter?

- A. 1
- B. 64
- C. 97
- D. 127

Answer: C

QUESTION 127:

Certkiller .com wants to connect a BladeCenter Chassis to an existing extended SAN fabric. Which of the following switch modules will fulfill the requirement?

- A. Topspin InfiniBand Switch Module

- B. Nortel Layer 2/3 Fibre Switch Module
- C. Qlogic 6-port Enterprise Fibre Switch Module
- D. Cisco Systems Fiber Intelligent Switch Module

Answer: C

QUESTION 128:

Certkiller .com has been running a BladeCenter Chassis with four power supplies for three months. They recently purchased a new HS20 which is installed in slot 7. After inserting the HS20, the blade fails to power on after pressing the power button on the HS20.

Which of the following is the most likely cause of this issue?

- A. Power supplies 1 and 2 are defective.
- B. Local power control has been disabled for the new blade.
- C. System BIOS is at a previous level on the new blade.
- D. Additional power supplies must be installed in the BladeCenter.

Answer: B

QUESTION 129:

Certkiller .com has ordered and installed a new BladeCenter Chassis with six HS20 Blade servers, two Ethernet Modules, and two Fibre Switch Modules. The HS20 servers cannot connect to the SAN. What is the most likely reason why the HS20 servers cannot connect to the SAN?

- A. The Fibre switch modules are installed in Bays 1 and 2.
- B. The Fibre I/O adapters are installed in the wrong slots.
- C. The Ethernet I/O adapters are installed in the wrong slots.
- D. The Ethernet switch modules are incompatible.

Answer: A

QUESTION 130:

Certkiller .com needs to update the BIOS for their Fibre Channel Expansion Card on their Microsoft Windows based HS20 blades. How can this be accomplished?

- A. Download and use the latest UpdateXpress CD.
- B. Download the latest BIOS update from IBM's website, create a diskette as directed, and follow the instructions in the ReadMe file.
- C. Download the latest driver update from IBM's website, create a diskette as directed, and follow the instructions in the ReadMe file.
- D. Download the latest BIOS update from IBM's website; create a diskette as directed. In Windows, go to Device Manager, right-click on the HBA option and select Upgrade

Firmware, browse to the diskette drive and select OK.

Answer: B

QUESTION 131:

Which of the following must occur before applying a profile created through the IBM Director Deployment Wizard task?

- A. The BladeCenter Chassis must be discovered in IBM Director.
- B. The Management Module of the BladeCenter Chassis must be updated to the latest level.
- C. The Ethernet port of the Management Module in the BladeCenter Chassis must be enabled.
- D. The credentials to access the Management Module in the BladeCenter Chassis must be customized.

Answer: A

QUESTION 132:

A remote administrator attempts to open a Remote Console session to a Windows Server via the Management Module Web Interface. All the administrator sees is a blank window when they click on the Remote Console icon. Which of the following is the cause of this problem?

- A. The PopUp blocker is disabled in the Web browser.
- B. The user has not switched the KVM focus locally at the blade server.
- C. The firewall in the customer's network is blocking the relevant port.
- D. The Java Plug-in 1.2.1 is not installed on the Web browser that the customer is using.

Answer: C

QUESTION 133:

Which of the following settings can be configured utilizing the BladeCenter Management Module Web interface?

- A. The date and time
- B. Ownership of the serial and USB ports
- C. The ability to access the Management port on the Optical Pass-thru Module
- D. The ability to activate support for double-byte character set (DBCS) languages

Answer: A

QUESTION 134:

Certkiller .com has a new BladeCenter Chassis with three HS40 4-processor blades installed, each with the optional Fibre Channel Expansion card. The customer wants redundancy and the following options will be installed:

Two Brocade Enterprise SAN Switch Modules

Two Nortel Networks Layer 2-7 GbE Switch Modules

A redundant KVM/Management Module

An Acoustic Attenuation Module

How many power supply module bays need to be populated in order for this configuration to have full redundant power?

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

Answer: B

QUESTION 135:

Certkiller .com requires a BladeCenter solution that will support DC power and legacy Ethernet adapters. Which of the following will satisfy the customer's requirements?

- A. BladeCenter with DC Power Supply Modules and HS20 blades with PCI I/O expansion units.
- B. BladeCenter with DC Power Supply Modules and HS20 blades with Ethernet Expansion cards.
- C. BladeCenter T with DC Power Supply Modules and HS20 blades with PCI I/O expansion units.
- D. BladeCenter T with DC Power Supply Modules and HS20 blades with Ethernet Expansion cards.

Answer: C

QUESTION 136:

When booting from an UpdateXpress CD, which of the following components can NOT be updated by the tool?

- A. System BIOS
- B. Tape Drives
- C. Device Drivers
- D. Hard disk microcode

Answer: C

QUESTION 137:

Certkiller .com has set up a blade to boot Microsoft Windows 2000 Server from SAN using two fibre channel switch modules connected to a DS4300. The DS4300 is cabled to the BladeCenter Chassis in a redundant fashion and all paths are enabled. After rebooting the blade, an "inaccessible_boot_device error" message is returned. What can be done to resolve this issue?

- A. Replace the DS4300 with a DS4500.
- B. Install Windows 2000 Service Pack 3.
- C. Disable BIOS within one of the fibre channel switch modules.
- D. Disable BIOS on one of the fibre channel ports of the adapter.

Answer: D

QUESTION 138:

A technician wants to use the VMware Graphical Installer to install VMware ESX 2.5 on a HS40 blade server. Which of the following is necessary before using the Graphical Installer?

- A. Start the installation by mapping the VMware ESX installation CD from a workstation.
- B. Plug a KVM cable from the KVM switch to the BladeCenter Chassis and insert the VMware ESX installation CD.
- C. Connect to Remote Console Session via Management Module and use the remote CD option to install VMware ESX.
- D. Plug a USB mouse, keyboard and Monitor to the BladeCenter Chassis and insert the VMware ESX installation CD.

Answer: D

QUESTION 139:

Certkiller .com wants to set up the Management Module on their IBM BladeCenter to forward critical alerts via SNMP to their Tivoli Enterprise Console (T/EC). Which TWO of the following must be configured to allow the Management Module to forward alerts?

- A. Critical subsystems to forward SNMP traps
- B. SNMP Network Protocol on the Management Module
- C. Management Module alert to send SNMP traps via the LAN
- D. SNMP forwarding on the BladeCenter Ethernet switch module
- E. Management module to allow the T/EC system to log in remotely

Answer: B,C

QUESTION 140:

Certkiller .com purchased the following configuration:

One BladeCenter Chassis

Six 3.6GHz HS20 Blades

One Ethernet Switch Module

One Fibre Channel Switch Module

The site administrator populated the Ethernet Module in I/O Bay 1 and the Fibre Channel Switch Module in I/O Bay 2. The site administrator cannot communicate with the Fibre Channel Switch Module to configure and zone it. Which of the following is the most likely cause of this problem?

- A. Fibre Channel Switch Modules are not supported in I/O Bays 1 and 2.
- B. The Fibre Channel Switch Module is not properly installed in I/O Bay 2.
- C. The Fibre Channel Switch Modules require the use of redundant Power Supply Modules.
- D. BladeCenter requires Fibre Channel Switch Modules to be installed in pairs before they will be recognized by the blades.

Answer: A

QUESTION 141:

Certkiller .com purchased the following configuration:

One BladeCenter Chassis with 1800 Watt Power Supply Modules

Two Network Switch Modules

One Redundant Management Module

Five HS20 Blades with two IDE drives, two Processors, and 4GB of memory

One HS40 Blade with two IDE drives, four Processors, and 16GB of memory

The customer wants to update the BIOS and Firmware on all blades. They have successfully updated the HS20 blade servers. The customer cannot power on the HS40 blade. Which of the following explains why the HS40 will not power on?

- A. HS40 blade servers require 2000 watt power supplies.
- B. HS40 blade servers require the Acoustic Attenuation Module.
- C. The additional Power Supply Module option is required.
- D. The Media Tray and KVM buttons need to be selected prior to power on.

Answer: C

QUESTION 142:

Certkiller .com wants to add the following servers to their environment.

Two 4 way servers, Intel based, running VMWare ESX Server

Two 2 way servers, POWER based, running Red Hat Linux AS 3.0

The requirements are as follows:

All servers will need internal hard drives to boot, mirroring is not required

All servers will need to access the existing SAN storage with existing multi-switch QLogic fabric

The customer wants to have high availability to the SAN and LAN

Which of the following will best satisfy the customer's requirements?

A. BladeCenter Chassis with two Brocade Entry SAN Switch Modules

Two HS40 blades

Two JS20 blades

IDE hard drives for all blades

Fibre channel expansion cards for all blades

Two Ethernet switch modules

B. BladeCenter Chassis with two Brocade Enterprise SAN Switch Modules

Two HS40 blades

Two JS20 blades

SCSI hard drives for all blades

Fibre channel expansion cards for all blades

Two Ethernet switch modules

C. BladeCenter Chassis with one QLogic 6-port Enterprise FC Switch Module

Two HS40 blades

Two HS20 blades

IDE hard drives for all blades

Fibre channel expansion cards for all blades

One Ethernet switch module

D. BladeCenter Chassis with two QLogic 6-port Enterprise FC Switch modules

Two HS40 blades

Two JS20 blades

IDE hard drives for all blades

Fibre channel expansion cards for all blades

Two Ethernet switch modules

Fibre channel expansion cards for all blades

One Ethernet switch module

Answer: D

QUESTION 143:

A BladeCenter Chassis is plugged into two 30 Amp IBM front end PDUs. However, the BladeCenter does not power up. Which of the following is the most likely cause of this problem?

A. The power switch on the BladeCenter Chassis is turned off.

B. The power switches on the 30 Amp front End PDUs are turned off.

C. The power switches on the BladeCenter power supplies are turned off.

D. The 30 Amp front End PDU needs to be connected to a 3-phase power source.

Answer: B

QUESTION 144:

Certkiller .com has installed a BladeCenter chassis with four 1800W Power Supply modules and 14 HS20 blades. What will provide the best solution if a power circuit fails in the data center?

- A. Power Supplies 1,3 connected to a IBM Rack PDU and 2,4 connected to another IBM Rack PDU on separate circuits
- B. Power Supplies 1,2 connected to a IBM Rack PDU and 3,4 connected to another IBM Rack PDU on separate circuits
- C. Power Supplies 1,2 connected to a IBM Front-end PDU and 3,4 connected to another IBM Front-end PDU on separate circuits
- D. Power Supplies 1,3 connected to a IBM Front-end PDU and 2,4 connected to another IBM Front-end PDU on separate circuits

Answer: D

QUESTION 145:

Which task should be done FIRST when deploying new HS20 and HS40 Blades in a chassis, after they are powered on?

- A. Ensure the blades are using the latest BIOS level.
- B. Install the IBM Director Agent on the blade server.
- C. Ensure the blades are using the latest network drivers.
- D. Install a supported operating system on the blade server.

Answer: A

QUESTION 146:

Certkiller .com recently purchased a new BladeCenter Chassis with two power supplies, seven single processor 8832 HS20 blades, and one Copper Pass-thru Module in I/O Bay 1. Everything is working fine, except that blade seven does not power up. What is the most likely cause of this issue?

- A. The connectors on the Midplane for slot seven are defective.
- B. The seventh blade is defective and a service call needs to be opened.
- C. The customer needs to purchase and install Power Supply Modules for Bays 3 and 4.
- D. The customer did not upgrade the Power Supply Modules in bay 1 and 2 to the 2000W model.

Answer: C

QUESTION 147:

Which of the following is true when using the ServerGuide CD to install a Microsoft Windows operating system?

- A. The ServerGuide CD ships with each blade server.
- B. When using ServerGuide, no user intervention is required.
- C. When using ServerGuide, no other CD is required for OS installation.
- D. The ServerGuide CD contains all drivers required for the OS installation.

Answer: D

QUESTION 148:

To obtain a useable console on a JS20 for blade access and OS installation, what must an administrator enable in the Management Module?

- A. KVM
- B. SOL
- C. SSH
- D. RSH

Answer: B

QUESTION 149:

Certkiller .com wants to purchase a BladeCenter Chassis populated with HS20 (8843) blades in order to run existing applications. Many of their existing applications only run under Microsoft Windows NT 4.0 Server. How can this be accomplished?

- A. Install NT 4.0 Server on blades in a BladeCenter T chassis.
- B. Install NT 4.0 Server with Service Pack 6 on all of the blades.
- C. Install NT 4.0 Server with Service Pack 6 on all of the blades after ensuring the proper firmware level is installed.
- D. Install VMWare ESX server 2.5 first and then install NT 4.0 Server as a guest operating system.

Answer: D

QUESTION 150:

Certkiller .com is adding a BladeCenter to an existing environment consisting of the following:

Nortel LAN infrastructure

DS4300 storage controller connecting to an existing 2Gb QLogic fabric

Their requirements include:

Fault tolerant LAN connections

Redundant SAN connections

The customer wants SAN connectivity while keeping cost at a minimum. Which of the following best satisfies the customer's requirements?

- A. Two Copper Pass-thru Modules, Two Optical Pass-thru Modules with SC cables
- B. Two Nortel L2-7 Gigabit Switch Modules, Two Optical Pass-thru Modules with LC cables
- C. Two Nortel L2-7 Gigabit Switch Modules, Two QLogic 6-port Enterprise FC Switch Modules
- D. Two Nortel L2/3 Copper Gigabit Ethernet Switch Modules, Two Optical Pass-thru Modules with LC cables

Answer: D

QUESTION 151:

Which bay should the Optical Pass-thru Module be placed when installing a Myrinet Cluster Expansion Card in a IBM LS20 blade server?

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

Answer: D

QUESTION 152:

Certkiller .com is installing a BladeCenter into an existing zoned and redundant Brocade SAN environment. The BladeCenter has redundant Brocade Enterprise Fibre Channel Switch Modules that will participate in the SAN. The customer set up the internal switch modules and zoning, and then merged the two zones. The zone merge failed. Which of the following is the most likely reason for the failure?

- A. The zone sets have members with identical names.
- B. The switches do not have full fabric activation.
- C. There is a cable failure between the internal switch modules and the external switches.
- D. The storage devices in the existing zone are not compatible with the internal switch modules.

Answer: A

QUESTION 153:

How is the event log cleared on a BladeCenter Chassis?

- A. Power down and restart the BladeCenter.
- B. Use the Management Module Web interface screen.
- C. Type "module -cleareventlog" from the command line interface.
- D. Use the IP Reset button for each Management Module installed in the chassis.

Answer: B

QUESTION 154:

Customer requirements call for the addition of Dual DS4000 Host Bus Adapters (HBA) into an 8730 BladeCenter Telco (BCT). Which of the following is the correct installation order to install the new adapters into the PCI I/O Expansion Unit after the 8832 Blade Server cover is removed?

- A. 1) Connect the PCI I/O Expansion Unit to the 8832
- 2) Insert the Combo Blade/PCI I/O Expansion unit into the BladeCenter Telco
- 3) Install the DS4000 Host Bus Adapters into the PCI I/O Expansion Unit
- B. 1) Install the DS4000 Host Bus Adapters into the PCI I/O Expansion Unit
- 2) Connect the PCI I/O Expansion Unit to the 8832
- 3) Insert the Combo Blade/PCI I/O Expansion unit into the BladeCenter Telco
- C. 1) Insert the Combo Blade/PCI I/O Expansion unit into the BladeCenter Telco
- 2) Connect the PCI I/O Expansion Unit to the 8832
- 3) Install the DS4000 Host Bus Adapters into the PCI I/O Expansion Unit
- D. 1) Connect the PCI I/O Expansion Unit
- 2) Replace the 8832 Blade-server cover onto the 8832
- 3) Install the DS4000 Host Bus Adapters into the PCI I/O Expansion Unit
- 4) Insert the Combo Blade/PCI I/O Expansion unit into the BladeCenter Telco

Answer: B

QUESTION 155:

Certkiller .com has a rack with four BladeCenter Chassis. Everything has been operating normally for a number of months. The customer recently installed a new rack in the server room full of IBM xSeries servers. 24 hours after the new rack was operational, the system administrator noticed that the blowers in all four BladeCenters increased their speed. What is the probable cause of this issue?

- A. One of the BladeCenter blowers failed.
- B. A Blade within the chassis has been shut down.
- C. One of the additional xSeries servers in the BladeCenter rack has failed.
- D. Hot air from the new rack is blowing into the front of the BladeCenter rack.

Answer: D

QUESTION 156:

Certkiller .com is trying to access the Web based management GUI on a BladeCenter Ethernet switch via the external ports. However they are unable to connect. Which of the following needs to be done to resolve this problem?

- A. Update the Ethernet switch module to the latest firmware.
- B. Install the current version of the Java Runtime Engine (JRE).
- C. Download and install the management tool needed to configure Ethernet switch module.
- D. Enable "external management over all ports" from within the BladeCenter Management Module web GUI.

Answer: D

QUESTION 157:

Certkiller .com has multiple JS20 blades in a single BladeCenter chassis, all running an approved version of Linux. How can the system firmware (BIOS) be upgraded?

- A. Place the new flash image in the /etc/microcode
Type `update_flash -f /etc/microcode/<update_image_name>`
Type `update_flash -c`
- B. Place Disk1 into the diskette drive
Boot the blade
Follow the prompts
Insert Disk2 when prompted and press any key
- C. Copy firmware to be used onto upgrade portion of Management Module using the Web based interface.
Boot the blade
Press the F1 key
Select Update BIOS, and then press OK
- D. Type "diag" at a command line, and then press the Enter key
At the Function Selection menu, choose Task Selection
At Task Selection, select Update and Manage System Flash
Update and Manage System Flash, and then press the Enter key

Answer: A

QUESTION 158:

Certkiller .com would like to implement two BladeCenter Chassis in an IBM Enterprise rack. They also want a battery backup system. Each chassis has total of (14) 8843 blades. Which of the following is the minimum rack space requirement to support their configuration?

- A. 2 IBM UPS7500XHV 7,500 Watts UPS
- B. 4 IBM SU50000RMiB 5,000 Watts UPS
- C. 1 IBM UPS10000XHV 10,000 Watts UPS
- D. 1 IBM UPS15000XHV 15,000 Watts UPS

Answer: A

QUESTION 159:

Certkiller .com is planning to install a new BladeCenter Chassis in an empty IBM 42U Enterprise rack. In which rack position should the chassis be installed?

- A. In any position
- B. At the top of the rack
- C. At the bottom of the rack
- D. Between positions 10 and 20

Answer: C

QUESTION 160:

Which of the following network services is required by RDM for an operating system installation for a JS20?

- A. DNS
- B. FTP
- C. WINS
- D. TFTP

Answer: D

QUESTION 161:

A technician received a blank screen during the installation of Red Hat Enterprise Linux Version 3. Which of the following Linux commands will most likely prevent this type of installation failure while in the LILO/GRUB boot screen?

- A. linux text vga=ask
- B. linux text vga=0x305
- C. linux text vga=0x307
- D. linux text vga=normal

Answer: A

QUESTION 162:

A BladeCenter Chassis with 14 HS20 blades was shipped to Certkiller .com and the rails were installed into the rack. Prior to installing the Chassis into the rack, which of the following is recommended in the IBM Rack Installation Instructions?

- A. Remove all HS20 blades before installing chassis.
- B. Ensure that there is a 110 Power Source available.
- C. Ensure that there is an available port on a KVM switch.
- D. Ensure that there is 6U of space available in the rack for the chassis.

Answer: A

QUESTION 163:

An administrator is deploying VMware ESX Server 2.1 on a new BladeCenter. There are six HS40 blades with IDE drives and two HS20 8843 blades. The installation has failed on the HS20 blades. What is the most likely cause?

- A. Device drivers for the HS20 have not been loaded
- B. VMware ESX Server 2.1 does not support IDE Drives
- C. VMware ESX Server 2.1 is not supported on the HS20 8843
- D. Device drivers for the EM64T processors have not been loaded

Answer: C

QUESTION 164:

Certkiller .com has a BladeCenter with a Nortel Networks L2/3 copper Ethernet switch, and wants to create an aggregated link to an external Cisco switch making maximum use of aggregation capacity, redundancy, and provide VLAN tagging capabilities. Which of the following will satisfy this requirement?

- A. Add an additional Ethernet daughter board to each BladeServer and create a 4 way team using the Broadcom software. Uplink all four external ports to the Cisco switch.
- B. Create an aggregated link with all four external ports using the IEEE 802.3ad protocol found in the link aggregation section of the configuration menu. Uplink all four external ports to the Cisco switch.
- C. Create an aggregated link with all four external ports using the port trunking function found in the link aggregation section of the configuration menu. Uplink all four external ports to the Cisco switch.
- D. Create four static VLANs and assign EXT1 and Blades 1 to 3 to VLAN1, assign EXT2 and Blades 4 - 6 to VLAN2, assign EXT3 and Blades 7 - 10 to VLAN3 and assign EXT4 and Blades 11 - 14 to VLAN4. Uplink all four external ports to the Cisco switch.

Answer: B

QUESTION 165:

Certkiller .com has the following BladeCenter configuration:

Six blades installed in slots 1-3 and 12-14, each with Fibre Channel Expansion cards

All four power module bays populated

Two 4-port Gb Ethernet Switch Modules

One Optical Pass-thru Module installed in I/O module bay 3 with two Optical Pass-thru Module LC cables connected to ports 1 and 2

Blades in slot 12 - 14 are not connecting to the SAN.

What is the most likely cause of this problem?

- A. Need second Optical Pass-thru LC cable moved to port 4
- B. Need third CPM cable. The three cables need to be connected to ports 1, 2, 3.
- C. Need third Optical Pass-thru LC cable. The three cables need to be connected to ports 1, 3, and 4
- D. Need third Optical Pass-thru LC cable. The three cables need to be connected to ports 1, 2, and 3

Answer: C

QUESTION 166:

What is an important benefit of using a switch compliant to IEEE 802.3ad?

- 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.

Answer: C

QUESTION 167:

Certkiller .com plans to deploy an IBM BladeCenter Chassis. The chassis will contain the following:

Two Nortel Networks Layer 2-7 GB Ethernet Switch Modules

Two QLogic Enterprise Fibre Channel Switch Modules

Redundant Management Modules

How many fibre ports and copper RJ45 ports should be on the back of the chassis?

- A. 4 fibre ports and 8 copper RJ45 ports
- B. 8 fibre ports and 10 copper RJ45 ports

- C. 16 fibre ports and 8 copper RJ45 ports
- D. 12 fibre ports and 10 copper RJ45 ports

Answer: D

QUESTION 168:

Which TWO of the following utilities must be used to configure hardware based drive mirroring in an HS20 8832 blade server?

- A. The LSI Configuration Utility
- B. The MegaRAID IDE Setup Utility
- C. The Management Module Web Interface
- D. The Hard Disk Drive Firmware Update Utility
- E. The blade server BIOS Configuration and Setup Utility

Answer: B,E

QUESTION 169:

Certkiller .com purchased the following:

One BladeCenter with five HS20 Blades with Fibre expansion cards

One Ethernet Switch Module

One Optical Pass-thru Module

The site administrator installed the Ethernet Module in I/O Bay 1 and the Optical Pass-thru module (OPM) in I/O Bay 3. Using one OPM LC cable, the site administrator established fibre channel connectivity with the existing SAN switch. The first four blades are able to connect to the storage, but blade 5 is not recognizing the storage.

Which of the following is the cause of this problem?

- A. The fifth OPM LC cable is damaged.
- B. The firmware of blade 5 is out of date.
- C. An insufficient number of OPM LC cables are installed.
- D. The fibre expansion card has not been enabled in the BIOS of blade 5.

Answer: C

QUESTION 170:

A company is deploying HS20 blade servers using a Microsoft Windows 2000 Server CD. To ease the installation they are using the ServerGuide CD. All of the attempts to install fail on each blade with a Blue Screen STOP error message. What is the most likely cause of this problem?

- A. ServerGuide cannot be used to install IBM blade servers.
- B. Microsoft Windows 2000 is not supported on IBM blade servers.

- C. The customer is not using a Microsoft OS CD integrated with Service Pack 3.
- D. The customer is not using the ServerGuide CD specifically designed for the blade servers.

Answer: C

QUESTION 171:

Using IBM Remote Deployment Manager, which partition (other than the staging partition) is required to successfully deploy a Linux native installation?

- A. /etc
- B. swap
- C. / (root)
- D. /var

Answer: C

QUESTION 172:

A company used IBM Remote Deployment Manager (RDM) to deploy Microsoft Windows 2003 Server on their current HS20 (8832) blades. They recently purchased two HS20 (8843) blades. Attempts to use RDM to deploy Microsoft Windows 2003 Server on these new blades were unsuccessful. Which of the following is the minimum requirement?

- A. IBM Director Version 4.2x and RDM Version 4.20
- B. IBM Director Version 4.11 and RDM Version 4.20
- C. IBM Director Version 4.12 and RDM Version 4.20
- D. IBM Director Version 4.11 and RDM Version 4.11

Answer: A

QUESTION 173:

Certkiller .com has the following configuration:

A BladeCenter Chassis with two fibre channel switch modules and two Ethernet switch modules

Four HS20 8678 blades, each with fibre channel expansion card

A DS4300 direct-attached to both fibre switch modules in the chassis

The customer has successfully installed Microsoft Windows Server 2003 Standard Edition on all blades that boot from SAN. One of the blades failed and is replaced with an identical HS20 8678, but the new blade does not boot from the SAN. Which of the following is the cause of the problem?

- A. The SAN needs to be restarted when a new blade is inserted.

- B. The IDE controller on the new blade has not been disabled.
- C. Both fibre channel switch modules need to be restarted.
- D. The new HS20 blade is malfunctioning and needs to be replaced.

Answer: B

QUESTION 174:

After completing the VMware installation on a blade server, the server reboots and starts the installation again. What should be done to resolve this problem?

- A. Update the BIOS
- B. Type "eject/Force -CD"
- C. Manually eject the CD prior to reboot
- D. Remove the autorun.inf file and eject the CD

Answer: C

QUESTION 175:

Certkiller .com has an existing SAN fabric of Brocade 1Gb switches. The customer is adding a BladeCenter chassis including eight HS20 blades. All blades should connect to the existing SAN. There are plenty of SAN ports available in the existing fabric, and the customer does not want to add any extra cost to the BladeCenter unless it is necessary. The LAN consists of Cisco switches with limited available ports. Redundancy is required for SAN and LAN connectivity.

Which of the following best satisfies the customer's requirements?

- A. Two Optical Pass-thru Module with SC cable, two Copper Pass-thru Modules, eight Fibre Channel Expansion Cards
- B. Two Optical Pass-thru Modules with LC Cables, two Copper Pass-thru Modules, eight Fibre Channel Expansion Cards
- C. One Brocade Enterprise Fibre Channel Switch Module, two Cisco Fiber Gigabit Ethernet Switch Modules, eight Fibre Channel Expansion Cards
- D. Two Optical Pass-thru Modules with SC cables, two Cisco Intelligent Gigabit Ethernet Switch Modules, eight Fibre Channel Expansion Cards

Answer: D

QUESTION 176:

Certkiller .com has installed two BladeCenter Chassis and additional xSeries servers in an IBM rack with glass doors. Everything has been running normally for the first few hours of operation, but now the blowers in both BladeCenters have suddenly increased their speed. Which of the following is a supported resolution?

- A. Replace the glass doors of the rack with perforated doors.
- B. Install fans on the top of the new rack to extract hot air out.
- C. Call IBM Service to get the blowers in both BladeCenters replaced.
- D. Add more blowers to increase the cooling capabilities of the BladeCenter.

Answer: A

QUESTION 177:

Which event substitution variable phrase would allow one to forward alerts from any Director Agent and translate the alert into a concise message that would describe the basis of the problem?

- A. &severity &category from &system . &text .
- B. &severity &category &"from" &system &text &"."
- C. &status &category from &system &text .
- D. &status &category &"from" &system &text &"."

Answer: A

QUESTION 178:

Certkiller .com plans to deploy an IBM BladeCenter Chassis. It will contain two Copper Pass-thru Modules and two Optical Pass-thru Modules. Ten of the fourteen blades will need SAN connectivity (Blade Slots 1-5 and 10-14). How many OPM cables are required for each blade to have redundant paths to the SAN infrastructure?

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

Answer: D

QUESTION 179:

Certkiller .com has a BladeCenter with ten HS20 blades, each with fibre channel expansion cards. The customer would like to connect these blades to a DS4300 storage server. They have two external Brocade fibre channel switches and two internal Brocade Enterprise switch modules. Which of the following is the proper cabling solution for a redundant environment?

- A. Two LC-LC 5M cables from each switch module to the two external Brocade switches
- B. Two SC-SC 5M cables from each switch module to the two external Brocade switches
- C. Six Optical Pass-thru Module LC cables
- D. Six Optical Pass-thru Module SC cables

Answer: A

QUESTION 180:

Certkiller .com has a Cisco Ethernet Switch Module in I/O Bay 1 with none of its LEDs lit. To resolve the problem, the Cisco switch needs

- A. the external ports enabled.
- B. to be powered on via uplink ports.
- C. to be powered on via the Management Module.
- D. the IP address configured for the same subnet as the Management Module.

Answer: C

QUESTION 181:

Certkiller .com 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 THREE actions are required to implement this task?

- A. Ensure Director Agent is installed on the BladeCenter Chassis.
- B. Ensure Server Plus Pack option has been installed and configured.
- C. Ensure an IBM Director Server has been properly installed and configured.
- D. Run BladeCenter Management task on BladeCenter Chassis from IBM Director Console.
- E. Run BladeCenter Configuration task on BladeCenter Chassis from IBM Director Console.
- F. Ensure Remote Deployment Manager (RDM) has been installed and images are created and available.
- G. Run BladeCenter Deployment Wizard task on BladeCenter Chassis from IBM Director and assign profiles to each of the slots.

Answer: C,F,G

QUESTION 182:

Certkiller .com wants to purchase an additional two blades for their BladeCenter Chassis. One of the blades should run a Microsoft Windows operating system, and the other will run AIX 5.2x. Which of the following blade combinations will satisfy the requirement?

- A. Two JS20 blades
- B. One HS40 blade and one LS20 blade
- C. One LS20 blade and one HS20 blade
- D. One HS20 blade and one JS20 blade

Answer: D

QUESTION 183:

Certkiller .com installed the following components in a BladeCenter Chassis:

Four HS20 8843 Blades with SCSI Storage Expansion Unit 2 containing one Fibre

Channel daughter card in slot 1

Two Nortel 2/3 Gigabit Ethernet Switch Modules in I/O bays 1 and 2

Two QLogic Enterprise 6-port Fibre Channel Switch Modules in I/O bays 3 and 4

Four 2000w Power Supplies

As the customer powers on the blades, no external fibre channel connectivity is available.

Which of the following is the best method to establish connectivity?

A. Move the daughter card to slot 2.

B. Enable the SCSI BIOS on the Fibre Channel daughter card.

C. Swap the Fibre Channel switches with the Ethernet switches.

D. Route the daughter card ports to the right module bays through the Management Module Web interface.

Answer: A

QUESTION 184:

Certkiller .com has an existing BladeCenter currently populated with the following:

One HS40 Blade with two Hot Swap SCSI hard drives, and Gigabit Ethernet Expansion Card

One HS20 blade with internal SCSI hard drives

One JS20 blade utilizing internal IDE Drives

The blade servers populate the first four slots

How many Copper Pass-thru Module cables will they need to ensure that all available Ethernet adapters are being used?

A. 3

B. 4

C. 5

D. 6

Answer: B

QUESTION 185:

Certkiller .com has the following configuration:

A BladeCenter Chassis with the following:

Two Gigabit Ethernet switch modules

Two fibre channel switch modules

The redundant power supply option

Four HS20 blades, each with a fibre channel expansion card installed

A DS4300 with four drives installed, configured in a single array, with a single LUN.

The customer needs the HS20 blades to boot from the DS4300 with Microsoft Windows Server 2003. The first blade is installed and boots successfully, but the installation of the next blade failed. Which of the following explains why the failure occurred?

- A. Multiple blades cannot boot from a DS4300.
- B. Each blade requires its own unique LUN to boot from the DS4300.
- C. In order to boot multiple blades from a SAN, the Optical Pass-thru Module is required.
- D. In order to boot multiple blades from a SAN, each blade must have multiple paths to the storage device.

Answer: B

QUESTION 186:

Certkiller .com requires a blade-based NEBS compliant solution. Which of the following would satisfy the customer's requirements?

- A. BladeCenter Chassis
- B. BladeCenter T Chassis
- C. BladeCenter Chassis with NEBS upgrade option
- D. BladeCenter T Chassis with NEBS upgrade option

Answer: B

QUESTION 187:

Certkiller .com purchased the following configuration:

One BladeCenter Chassis

Two power supply modules

Six HS20 blades ? Redundant Management Module

Two Ethernet Switches ? Two Fibre Channel Switches

One 60amp Front End PDU

Power supplies 1 and 2 are connected into the 60amp IBM Front End PDU. The BladeCenter has been running for three months. A power failure occurred and as a result, the BladeCenter Chassis does not power up.

Which of the following will prevent a reoccurrence of this in the future?

- A. Move power supply 2 into Bay 3.
- B. Install redundant power supply modules for Bays 3 and 4.
- C. Install a second 60amp Front End PDU and cable power supply 1 to the first 60amp Front End PDU and power supply 2 to the second 60amp Front End PDU
- D. Install a second 60amp Front End PDU and two additional power supply modules and re-cable to connect power supply 1,2 to first Front End PDU and connect power supply

3,4 to second Front End PDU.

Answer: C

QUESTION 188:

Which of the following commands would provide the location of the primary Management Module when redundant modules are installed in a chassis?

- A. getmmfo
- B. list -l a
- C. gettopology
- D. identify -s -T system:MM[4]

Answer: B

QUESTION 189:

Certkiller .com 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

QUESTION 190:

Certkiller .com has built a new HPC Cluster and has purchased a BladeCenter Chassis with the following:

Two 8843 HS20 blade-servers each with Myrinet Cluster Expansion Cards

One Optical Pass-thru Module

Two Cisco Ethernet Switches

After the I/O Cards are installed on each HS20, into which bay must the the Optical Pass-thru Module be placed?

- A. Bay 1
- B. Bay 2

- C. Bay 3
- D. Bay 4

Answer: D

QUESTION 191:

Certkiller .com has configured alerting via the Management Module. The alert recipients are not receiving any SNMP notification, however all other methods of notification are working. Which of the following is the cause of the problem?

- A. Only one community has been defined on the Management Module.
- B. The SNMP Agent and Traps must be configured on the Management Module.
- C. The Management Module has been restarted.
- D. The MIB has been updated on the SNMP manager.

Answer: B

QUESTION 192:

Certkiller .com has a BladeCenter chassis with two Cisco Gigabit Ethernet Switch modules. The customer is viewing the Cisco console and making some configuration changes. The following message is displayed:

Native VLAN mismatch.

What is the cause of this message?

- A. The external switches configuration is not compatible.
- B. The two switches do not have the same VLAN ID set for the management VLAN.
- C. The two switches do not have a unique VLAN ID set for the production VLAN.
- D. The external ports on the Cisco Gigabit Ethernet Switch modules are not enabled.

Answer: B

QUESTION 193:

Certkiller .com created a database on an HS20 8832 blade server using mirrored IDE local disks for the operating system and the database application itself. The database growth rate now appears to be such that 2TB of storage will be required in the next six months. What should the customer take into account while considering using the same HS20 8832 blade server to meet the new storage requirements?

- A. When adding a Fibre Channel card, the operating system needs to be reinstalled.
- B. When adding a Fibre Channel card, only one internal IDE hard drive can be used.
- C. When adding a Fibre Channel card, one of the embedded network adapters is disabled.
- D. When adding a Fibre Channel card, more power supplies are required in the BladeCenter Chassis.

Answer: B

QUESTION 194:

Certkiller .com has an IBM BladeCenter Chassis with one BladeCenter 4-port GbESM. They want to re-image an older HS20 8678 blade from Linux to Microsoft Windows 2000 Server using IBM Remote Deployment Manager. When the blade was rebooted, the PXE boot was unsuccessful. Which of the following is the best solution to resolve this problem?

- A. Configure the blade BIOS to boot from the network first.
- B. Update the onboard network adapter to the latest BIOS.
- C. Update the BladeCenter 4-port GbESM to the latest firmware.
- D. Configure the DHCP server with the blade's MAC address for PXE boot.

Answer: A

QUESTION 195:

What is the maximum number of Ethernet ports a HS20 8843 blade server can support while allowing the use of hot swap hard drives?

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

Answer: D

QUESTION 196:

Certkiller .com would like to add a Redundant Management Module and copy the primary Management Module configuration to the secondary Management Module. Which of the following is recommended by IBM to add the module?

- A. Plug the Redundant Management Module into the empty slot and flash the firmware.
- B. Flash the firmware, plug the Redundant Management Module into the empty slot, back up the configuration, and then restore it to the Redundant Management Module.
- C. Plug the Redundant Management Module into the empty slot, back up the configuration, restore it to the Redundant Management Module, flash the firmware, and then reboot the Management Module.
- D. Plug the Redundant Management Module into the empty slot, back up the configuration from the primary. Use a text editor to modify the security setting, and then save and restore it to the configuration.

Answer: A

QUESTION 197:

Certkiller .com has the following requirements for new servers:

Three Web servers

Two 4 way database servers connecting to an existing DS4300 storage system

Existing SAN fabric is Brocade

Existing LAN is Cisco

All servers need mirrored hard drives

Redundant connections for LAN and SAN

Which of the following solutions will satisfy the customer's requirements?

A. BladeCenter chassis with three HS20 8843 blades

Two HS40 blades

Two Brocade Enterprise FC switch modules

Two Cisco Gb Ethernet switch modules

Two FC expansion cards

SFF SCSI drives for HS20 blades

SCSI expansion module and hot-swap SCSI drives for HS40 blades

Additional power supply modules

B. BladeCenter chassis with three HS20 8843 blades

Two HS40 blades

Two Brocade Entry FC switch modules

Two Cisco Gb Ethernet switch module

Five FC expansion cards

SCSI expansion module and SCSI drives for HS20 blades and HS40 blades

Additional power supply modules

C. BladeCenter chassis with three HS20 8832 blades

Two HS40 blades

One Brocade Entry FC switch module

One Cisco Gb Ethernet switch module

Two FC expansion cards

SCSI expansion modules and SCSI drives for HS20 blades

IDE drives for HS40 blades

Additional power supply modules

D. BladeCenter chassis with three HS20 8843 blades

Two HS40 blades

One Brocade Enterprise FC switch module

Two Cisco Gb Ethernet switch modules

Five FC expansion cards

SFF SCSI drives for HS20 blades

IDE drives for HS40 blades

Answer: A

QUESTION 198:

A technician is installing VMware ESX Version 2.5 on an 8843 blade server. The local PS2 mouse does not work under graphical installation. Which of the following is the most likely solution to this problem?

- A. Restart the Management Module and restart the installation.
- B. Insert a USB mouse in the front USB port and restart the installation.
- C. Reset the KVM cable by unplug then plug it back and restart the installation.
- D. Open a remote console through the Management Module Web interface and restart the installation.

Answer: B

QUESTION 199:

A company has the following requirements for servers:
VMware to consolidate several low use servers into two 4 way servers with SAN connectivity
Eight 2-way servers for Web serving and applications with SAN connectivity
Existing SAN is DS4300 connected to McData Director with plenty of free ports
The customer requires application redirection during peak network traffic times, but also wants to load balance LAN traffic across Web servers. Which of the following best satisfies the customer's requirements?

- A. Two Nortel Layer 2-7 GbE Switch modules, two Optical Pass-thru Modules, ten Fibre Channel Expansion Cards
- B. Two Nortel L2/3 copper GbE switch modules, two Optical Pass-thru Modules, ten Fibre Channel Expansion Cards
- C. Two Nortel L2/3 copper GbE switch modules, two McData 6-port Fibre Channel Switch Modules, two Fibre Channel Expansion Cards
- D. Two BladeCenter 4-port Gigabit Ethernet switch modules, two McData 6-port Fibre Channel Switch Modules, ten Fibre Channel Expansion Cards

Answer: A

QUESTION 200:

How should the BIOS be updated on HS40 blades?

- A. Insert the ServerGuide CD, boot the HS40 blade, and follow the prompts.
- B. Press F1 when the HS40 system is booting, select Update BIOS, insert the diskette into the diskette drive, and select OK.
- C. Use the Firmware Update option in the Blade Tasks section of the Management Module to push the update to the HS40

Blades.

D. Place the HS40 POST/BIOS Flash Disk1 into the diskette drive, boot the blade, follow the prompts, and insert Disk2 when prompted, and press any key.

Answer: D

QUESTION 201:

Certkiller .com is purchasing (21) 8843 HS20 blades. Two of the 21 blades will be database servers requiring access to a DS400 and will reside in the same chassis. The customer will be implementing many VLANs throughout the two chassis and will require routing between VLANs. The customer requires redundancy throughout the solution. Given the customer's requirements, what combination of hardware meets the customer's requirements at the lowest cost?

- A. Four BladeCenter Optical Pass-thru Modules and four BladeCenter Copper Pass-thru Modules
- B. Two BladeCenter 2-port Fibre Channel Switch Modules and two Topspin Infiniband Switch Modules
- C. Two BladeCenter Optical Pass-thru Modules and four Nortel Networks Layer 2-7 GbE Switch Module
- D. Four BladeCenter 2-port Fibre Channel Switch Modules and four BladeCenter Copper Pass-thru Modules

Answer: C

QUESTION 202:

Certkiller .com would like to implement the following solution:

Seven HS20 blades

Six HS40 blades

Two IBM H16 fibre switches

A DS4300 with fourteen 146GB drives

Given the requirement, what is the minimum amount of rack space required?

- A. 7U
- B. 10U
- C. 19U
- D. 21U

Answer: C

QUESTION 203:

Certkiller .com purchased a new LS20 Blade Server for their existing BladeCenter Chassis, which has been operating successfully for a year. After they installed the new

LS20 Blade, it was not recognized by the Management Module and is unable to power up. What action will resolve the issue?

- A. Reseat the LS20
- B. Reboot the Management Module
- C. Upgrade the LS20 ISMP to the latest firmware
- D. Upgrade the Management Module to the latest firmware

Answer: D

QUESTION 204:

Which of the following should be checked if there appears to be no communication out of the Copper Pass-thru Module?

- A. Ensure that the ports on the Copper Pass-thru Module are enabled.
- B. Ensure that VLANs are properly configured in the Copper Pass-thru Module.
- C. Verify that an IP address has been assigned to the Copper Pass-thru Module.
- D. Ensure that the Copper Pass-thru Module is connected to a 100Base-T switch.

Answer: A

QUESTION 205:

Certkiller .com's existing environment consists of the following:

A single BladeCenter with eight HS20 8832 blades

Two Ethernet switch modules

Redundant Management modules

Redundant power supplies

The customer wants to add two HS40 blades and two HS20 8843 blades to the chassis.

The HS40 blades will require SCSI mirrored hard drives and a redundant connection to an external existing SAN fabric which consists of three Brocade switches. The HS20 blades will require SCSI mirrored hard drives.

Which THREE of the following configurations will satisfy the requirements?

- A. Two Brocade Entry fibre channel switch modules, Two Fibre Channel expansion cards
- B. Two Brocade Enterprise fibre channel switch modules, Two Fibre Channel expansion cards
- C. Two HS40 blades with SCSI expansion units and SCSI mirrored drives, Two HS20 8843 blades with two IDE hard drives
- D. Second BladeCenter Chassis with two Ethernet switch modules, redundant management modules and redundant power supplies
- E. Two HS40 blades with SCSI expansion units and SCSI mirrored drives, Two HS20 8832 blades with Small Form Factor SCSI hard drives
- F. Two HS40 blades with SCSI expansion units and SCSI mirrored drives, Two HS20s

8843 blades with Small Form Factor SCSI hard drives

G. Two HS40 blades with two Small Form Factor SCSI hard drives, Two HS20 8843 blades with two Small Form Factor SCSI hard drives

Answer: B,D,F

QUESTION 206:

Certkiller .com has been running a BladeCenter with three HS20 blades and three JS20 blades error-free for six months. After installing a new HS20 blade, the customer cannot get it to power on. Which of the following redundant options is required to resolve the issue?

- A. Switch Modules
- B. Management Modules
- C. Power Supply Modules
- D. Power Distribution Units

Answer: C

QUESTION 207:

Certkiller .com has an IBM BladeCenter Cisco switch with out-of-date firmware. Which of the following is used to upgrade the firmware to the latest level?

- A. FTP
- B. TFTP
- C. Web browser
- D. Management Module CLI

Answer: B

QUESTION 208:

Certkiller .com has just installed a new BladeCenter chassis with the following configuration:

Seven HS40 Blades, each with four processors

Two GbESM in I/O Bays 1 and 3

Optional 2000W power supply modules

Redundant Management Module

The customer is only able to establish Ethernet connectivity to one of each of the blade's two Gigabit Ethernet ports. Which of the following will resolve this problem?

- A. The GbESM in I/O Bay 3 needs to be moved to I/O Bay 2
- B. The GbESM in I/O Bay 3 needs to be moved to I/O Bay 4
- C. The GbESM in I/O Bay 1 needs to be moved to I/O Bay 4

D. The GbESM in I/O Bay 1 needs to be moved to I/O Bay 2

Answer: A

QUESTION 209:

Certkiller .com would like to use a tool to install the latest system BIOS on all IBM 8843 blade servers. They want to minimize rebooting the server to achieve this goal. Which of the following will satisfy the customer's requirement?

- A. IBM ServerGuide CD
- B. IBM Server Plus Pack
- C. IBM Software Distribution
- D. UpdateXpress and RemoteUX utility

Answer: D

QUESTION 210:

Which task should be done FIRST when deploying new JS20 blades into a chassis, after they are powered on?

- A. Update the network drivers.
- B. Update the blade server BIOS.
- C. Install the operating system.
- D. Install the IBM Director Agent.

Answer: C

QUESTION 211:

Certkiller .com has the following equipment installed in their data center:

A BladeCenter Chassis

Two Power Supplies

Four JS20 Blades

Two Nortel Networks Layer 2-7 GbE Switch Modules

The customer has recently purchased a new 8839 HS40 blade server and a SCSI Storage Expansion Unit with two 72GB SCSI drives. The customer is experiencing difficulty when attempting to load a supported Network Operating System to the HS40. Which step needs to be completed to successfully load the operating system?

- A. Update the BIOS.
- B. Add two additional power supplies.
- C. Use the ServeRAID Manager to create the RAID array.
- D. Use the ServerGuide CD to install the operating system.

Answer: B

QUESTION 212:

Certkiller .com tries to open a Remote Console session to a Microsoft Windows Server within the Blade Task under the Management Module Web Interface. However, they see a blank window every time they click on the Remote Console icon. Which of the following is most likely the cause of this problem?

- A. The Java Plug-in is not installed or is below version 1.4.2.
- B. They do not have administrator privileges on this Windows server.
- C. The logon ID for the Management Module does not have supervisor privilege.
- D. Microsoft Internet Explorer version 6 with SP2 or higher is needed to perform this task.

Answer: A

QUESTION 213:

Certkiller .com needs to purchase a new BladeCenter Chassis with ten blades. They want a direct connection from both Gigabit Ethernet ports on each blade to an external 48-port Cisco switch. Which of the following will protect their current infrastructure investment while keeping costs minimal?

- A. BladeCenter 4-port GbESM
- B. Cisco GbESM for the BladeCenter
- C. BladeCenter Copper Pass-thru Module
- D. Nortel Networks Layer 2-7 GbE Switch Module

Answer: C

QUESTION 214:

Certkiller .com has a mix of HS20 8843 and HS40 8839 blade servers in their facility. There is a new directive to move from Microsoft Windows operating systems to SuSE Linux 9 for the blade servers. Which version of SuSE is supported on ALL of the existing blades?

- A. SuSE Linux Professional 8.0
- B. SuSE Linux Enterprise Server 9 for x86
- C. SuSE Linux Enterprise Server 9 for IBM POWER
- D. SuSE Linux Enterprise Server 9 for AMD64/EM64T

Answer: B

QUESTION 215:

Which deployment/installation tool is used with the SuSE Linux operating system?

- A. YaST
- B. SMART
- C. Smitty
- D. KickStart

Answer: A

QUESTION 216:

During a routine check of the data center environment, an administrator notices that an amber light is lit on a BladeCenter chassis. The blowers are operating at high speed and there is also an amber light on at one of the power supplies. Although the BladeCenter chassis is found in the IBM Director Console, no alerts have been received by Director and Hardware Status is not reporting the power supply failure.

Which of the following is the most likely cause of this issue?

- A. There was no Event Action Plan defined on the IBM Director Server.
- B. The Management Module is not at a current version of firmware.
- C. The Director Agent was not loaded on any of the blades within the chassis.
- D. There are no valid entries in the Remote Alert Recipient Profiles in the Management Module.

Answer: D

QUESTION 217:

Certkiller .com is adding a new BladeCenter Chassis fully populated with HS20 blades. They need the ability to prioritize and forward packets based on the application type.

Which of the following switch modules has the embedded capability to satisfy the requirement?

- A. Copper Pass-thru Module
- B. BladeCenter 4-port GbESM
- C. TopSpin Infiniband Switch Module
- D. Nortel Networks Layer 2-7 GbE Switch Module

Answer: D

QUESTION 218:

Certkiller .com would like to implement three fully populated 1800W BladeCenter Chassis in an IBM Enterprise rack. Which of the following power solutions will support

this implementation?

- A. Two 60amp Single-phase Enterprise PDUs
- B. Two 60amp Three-phase Enterprise PDUs
- C. Two 60amp High Density Front-end PDUs
- D. Six universal rack PDUs

Answer: B

QUESTION 219:

The administrator of a BladeCenter creates several user accounts. User B has determined that they need to clear the Event log in order to turn off the lit error LEDs on the front of the BladeCenter Chassis. When User B accesses the Management Module Web interface, they find that they can not successfully clear the event log. Which of the following explains why this issue occurred?

- A. The event log can only be cleared from command line.
- B. The event log can only be cleared by the default USERID and PASSWORD.
- C. The event log can only be cleared by restarting the BladeCenter Chassis.
- D. The user does not have the required privileges to clear the event log.

Answer: D

QUESTION 220:

Certkiller .com has an existing BladeCenter Chassis with two 1200w power supplies and two HS20 8678 blade servers in slots 1 and 2. The customer has a requirement for adding six new HS20 8843 blade servers. How could the customer provide a supported power solution for the new blades without taking the existing blade servers down?

- A. Insert the new blades in slots 3 to 8 and upgrade the existing 1200w power supplies to 1800w.
- B. Insert the new blades in slots 7 to 12 and add new 2000w Power Supply Modules to bays 3 and 4.
- C. Insert the new blades in slots 7 to 12 and add new 1800w Power Supply Modules to bays 3 and 4.
- D. Insert the new blades in slots 3 to 8 and move the existing 1200w Power Supply Module from bay 2 to bay 3.

Answer: B

QUESTION 221:

An administrator wants to run a Microsoft Windows Clone Install task on their blades via IBM Remote Deployment Manager (RDM) 4.20. Which of the following tasks must be

completed prior to the Clone Install?

- A. Execute a CMOS Update task.
- B. Create an installation image.
- C. Use mkimages.bat for the blade.
- D. Run Power Restore as an RDM task.

Answer: B

QUESTION 222:

Certkiller .com has the following BladeCenter configuration:

One BladeCenter chassis with only one Copper Pass-thru Module and a pair of 2000w power supplies.

No Fibre switch modules

No Redundant KVM module

Seven HS20 8832 single processor blades, single IDE hard drive, and base memory

The customer is attempting to power up all of the blades, but the blade in slot 7 does not power up. Given the configuration, which of the following will resolve the problem?

- A. A second midplane needs to be installed
- B. The HS20 8832 Blade in slot 7 should be reseated
- C. One of the 2000w power supplies should be replaced
- D. Add an additional pair of 2000w power supply modules

Answer: D

QUESTION 223:

How is the default IP address restored on the Management Module?

- A. Press the IP reset button.
- B. Replace the Management Module.
- C. Power cycle the BladeCenter Chassis.
- D. Unplug the Management Module for 10 seconds.

Answer: A

QUESTION 224:

After installing and powering up a BladeCenter chassis, the four HS20 installed blades have no Ethernet connectivity. The BladeCenter is connected to a Gigabit Ethernet switch via a pair of Copper Pass-thru Modules. The HS20 blades are using the standard onboard Gigabit Ethernet adapters. Which of the following is the most likely cause of the Copper Pass-thru Module failure?

- A. They have insufficient power.
- B. They do not support Ethernet.
- C. They require Gigabit Ethernet.
- D. They are in the wrong I/O Module bays.

Answer: D

QUESTION 225:

Certkiller .com installed an IBM BladeCenter with Cisco IGbESM and five HS20 blades. None of the blades can boot to a PXE server. Which of the following explains how to resolve this problem?

- A. Move the blade servers to VLAN1.
- B. Disable Gratuitous ARP on the Management Module.
- C. Configure the Management Module and the blade servers on separate VLANs.
- D. Configure the Management Module and the blade servers on the same VLAN.

Answer: C

QUESTION 226:

Certkiller .com has a BladeCenter with ten blades, each with a Fibre Channel Expansion Card installed. There are two BladeCenter 2-port Fibre Channel Switch Modules in the chassis. Two of the blades will be accessing sensitive data on a fibre channel device. The customer does not want the other eight blades to be capable of accessing this device. What type of zoning should be used?

- A. Soft Zone
- B. Hard Zone
- C. Access Control List Zone
- D. Virtual Private Fabric Zone

Answer: D

QUESTION 227:

Certkiller .com is using the IBM Remote Deployment Manager server to deploy two chassis of 8843 EM64T blade servers with VMware ESX 2.5. However, it fails every time when using the default ESX installation task from RDM. Which of the following will most likely resolve this problem?

- A. Set up a NFS share for the VMware ESX installation files and use the default task in RDM.
- B. Set up a NFS share for the VMware ESX installation files and create a Custom task in RDM.

- C. Set up a TFTP share for the VMware ESX installation files and use the default task in RDM.
- D. Set up a TFTP share for the VMware ESX installation files and create a Custom task in RDM.

Answer: B

QUESTION 228:

Certkiller .com has more than 100 IBM BladeCenter Chassis and wants to develop an unattended update process for the firmware of the Management Module. Which tool from IBM can automatically update the chassis firmware?

- A. UpdateXpress Server
- B. Management Module Update Utility
- C. UpdateXpress firmware update scripts for IBM Director
- D. UpdateXpress firmware update scripts for BladeCenter

Answer: D

QUESTION 229:

While using BladeCenter Assistant in IBM Director, which of the following task lists would be used to view the event log?

- A. IBM Director, Status and VPD, Event Log
- B. BladeCenter Wizard, Status and VPD, Event Log
- C. BladeCenter Management, Status and VPD, Event Log
- D. BladeCenter Configuration, Status and VPD, Event Log

Answer: C

QUESTION 230:

The customer wants to implement three VLANs for the servers of a BladeCenter Chassis. All the blade servers, even if members of different VLANs, need to communicate to external devices. Which configuration is required on the Ethernet switch modules in the chassis to allow proper communication?

- A. The management VLAN must be routed through the external switches.
- B. The Ethernet switch modules of the chassis must be interconnected.
- C. The external switches must be set to BladeCenter Compatibility Mode.
- D. The external Ethernet ports on the switch modules must be members of all VLANs.

Answer: D

QUESTION 231:

Certkiller .com purchased the following configuration:

One BladeCenter Chassis

Two Power supply Modules

Six HS20 Blades Redundant Management Module

Two Ethernet Switches Two Fibre Channel Switches

One 60amp Front End PDU

Power Supplies 1 and 2 are connected into the 60amp IBM Front End PDU. The BladeCenter has been running for three months. A power failure occurred and as a result, the BladeCenter Chassis does not power up.

Which of the following will prevent a reoccurrence of this in the future?

- A. Move Power Supply 2 into Bay 3
- B. Install redundant power supply modules for Bays 3 and 4
- C. Install a second 60amp Front End PDU and cable power supply 1 to the first 60amp Front End PDU and Power supply 2 to the second 60amp Front End PDU
- D. Install a second 60amp Front End PDU and two additional power supply modules and re-cable to connect power supply 1,2 to first Front End PDU and connect power supply 3,4 to second Front End PDU

Answer: C

QUESTION 232:

Certkiller .com installed the following components in BladeCenter Chassis.

Four HS20 8843 Blades with SCSI Storage Expansion Unit 2 containing one Fibre Channel daughter card in slot 1

Two Nortel 2/3 Gigabit Ethernet Switch Modules in I/O Bays 1 and 2

Two QLogic Enterprise 6-port Fibre Channel Switch Modules in I/O bays 3 and 4

Four 2000w Power Supplies

As the customer powers on the blades, no external fibre channel connectivity is available. Which of the following is the best method to establish connectivity?

- A. Move the daughter card to slot 2
- B. Enable the SCSI BIOS on the fibre Channel daughter card
- C. Swap the Fibre Channel Switches with the Ethernet switches
- D. Route the daughter card ports to the right module bays through the Management module web interface

Answer: A

QUESTION 233:

Certkiller .com purchased the following configuration:

One BladeCenter Chassis with 1800 watt Power Supply Modules

Two Network Switch Modules

One Redundant Management Module

Five HS20 Blades with two IDE drives, two processors and 4GB of Memory

One HS40 Blade with two IDE drives, four Processors and 16 GB of memory

The customer wants to update the BIOS and firmware on all blades. They have successfully updated the HS20 blade servers. The customer can't power on the HS20 blade. Which of the following expansions with the HS40 will not power on?

- A. HS40 Blade servers require 2000 watt power supplies
- B. HS40 Blade Servers require the Acoustic Attenuation Module
- C. The additional Power Supply Module option is required
- D. The Media Tray and KVM buttons need to be selected prior to power on

Answer: C

QUESTION 234:

Certkiller .com has the following configuration:

* A BladeCenter Chassis with two fibre channel switch modules and two Ethernet switch modules

* Four HS20 8678 blades, each with fibre channel expansion card

* A DS4300 direct-attached to both fibre switch modules in the chassis

The customer has successfully installed Microsoft Windows Server 2003 Standard Edition on all blades that boot from the SAN. One of the blades failed and is replaced with an identical HS20 8678, but the new blade does not boot from the SAN. Which of the following is the cause of the problem?

- A. The SAN needs to be restarted when a new blade is inserted
- B. The IDE Controller on the new blade has not been disabled
- C. Both fibre channel switch modules need to be restarted
- D. The new HS20 Blade is malfunctioning and needs to be replaced

Answer: B

QUESTION 235:

In an effort to strengthen security the network support team concluded that they should disable and reassign the following BladeCenter TCP ports:

22

25

68

80

161

443

The systems administrators want to use IBM Director and RDM to run native installs of the supported NOS. The requirements can NOT be met because of which

of the following reasons?

- A. HTTP port 80 supports native installation with the IBM BladeCenter
- B. Ports 22 and 25 are management ports for the blade server communication
- C. DHCP client connection port 68 is required for RDM to distribute the native installation packages
- D. Secure HTTPS connection port 443 provides the point-to-point connection for the native installation package

Answer: C

QUESTION 236:

Certkiller .com has the following BladeCenter Configuration:

- * One BladeCenter chassis with only one copper pass-thru module and a pair of 2000w power supplies
- * One BladeCenter chassis with only one Copper Pass-thru Module and a pair of 2000w power supplies.
- * No Fibre Switch Modules
- * No Redundant KVM Module
- * Seven HS20 8832 single processor blades, single IDE hard drive and base memory

The customer is attempting to power up all of the blades, but the blade in slot 7 does not power up. Given the configuration, which of the following will resolve the following?

- A. A second midplane needs to be installed
- B. The HS20 8832 Blade in slot 7 should be reseated
- C. One of the 2000w Power supplies should be replaced
- D. Add an additional pair of 2000w power supply modules

Answer: D

QUESTION 237:

Certkiller .com 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 and Nortel Networks Layer 2-7 GbE Switch Modules
- B. BladeCenter with optical Pass-thru Modules 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

QUESTION 238:

Certkiller .com purchased the following configuration:

- * One BladeCenter Chassis
- * Six 3.6GHZ HS20 Blades
- * One Ethernet Switch Module
- * One Fibre Channel Switch Module

The site administrator populated the Ethernet Module in I/O Bay 1 and the Fibre Channel switch module in I/O Bay 2. The site administrator can't communicate with the fibre channel switch module to configure and zone it. Which of the following is the most likely cause of this problem?

- A. Fibre Channel Switch Modules are not supported in I/O Bays 1 and 2
- B. The Fibre Channel Switch Module is not properly installed in I/O Bay 2
- C. The Fibre Channel Switch Modules require the use of redundant Power Supply Modules
- D. BladeCenter requires Fibre Channel Switch Modules to be installed in pairs before they will be recognized by the Blades

Answer: A

QUESTION 239:

Certkiller .com purchased the following:

- * One BladeCenter with five HS20 Blades with Fibre expansion cards
- * One Ethernet Switch Module
- * One Optical Pass-thru Module

The Site administrator installed the Ethernet Module in I/O Bay 1 and the optical pass-thru module (OPM) in I/O Bay 3. Using one OPM LC cable, the site administrator established fibre channel connectivity with the existing SAN switch. The first four blades are able to connect to the storage, but blade 5 is not recognizing storage.

Which of the following is the cause of this problem?

- A. The fifth OPM LC cable is damaged
- B. The firmware of blade 5 is out of date
- C. An insufficient number of OPM LC cables are installed
- D. The fibre expansion card has not been enabled in the BIOS of blade 5

Answer: C

QUESTION 240:

Certkiller .com has the following configuration:

- * A BladeCenter Chassis with two fibre channel switch modules and two Ethernet switch modules
- * Four Blades each with fibre channel expansion card option instead
- * A DS4300 direct-attached to both fibre switch modules in chassis
- * Microsoft Windows Server 2003 Standard Edition installed on all four blades

The customer has successfully installed Microsoft Windows on all blades that boot from SAN. However, each partition is showing up twice in the Disk Management screen in Windows. Which of the following will correct this problem?

- A. Install Windows 2003 Service Pack 1
- B. Install the Appropriate RDAC drivers
- C. Install Windows 2003 Enterprise Edition
- D. Enable the Host Adapter BIOS on both Fibre channel expansion cards

Answer: B

QUESTION 241:

Certkiller .com has an existing SAN fabric of Brocade 1 GB switches. The customer is adding a BladeCenter chassis including eight HS20 blades. All blades should connect to the existing SAN. There are plenty of SAN ports available in the existing fabric and the customer does not want to add any extra cost to the BladeCenter unless it is necessary. The LAN consists of Cisco Switches with limited available ports. Redundancy is required for SAN and LAN connectivity. Which of the following best satisfies the customer's requirements?

- A. Two Optical Pass-thru module with SC cable, two copper Pass-thru Modules, eight Fibre Channel Expansion Cards
- B. Two Optical Pass-thru module with LC cables, two copper Pass-thru Modules, eight Fibre Channel Expansion Cards
- C. One Brocade Enterprise Fibre Channel switch module, two Cisco Fiber Gigabit Switch Modules, eight Fibre Channel Expansion Cards
- D. Two Optical Pass-thru Modules with SC cables, two Cisco Intelligent Gigabit Ethernet Switch Modules, eight Fibre Channel Expansion cards

Answer: D

QUESTION 242:

Certkiller .com has the following requirements for servers:

- * VMWanre to consolidate several low use servers into two 4 way servers with SAN connectivity
- * Eight 2-way servers fro web serving and applications with SAN connectivity

* Existing SAN is DS4300 connected to McData Director with plenty of free ports
The customer requires application redirection during peak network traffic times, but also wants to load balance LAN traffic across web servers. Which of the following best satisfies the customer's requirements?

- A. Two Nortel Layer 2-7 GbE Switch modules, two optical pass-thru Modules, ten Fibre Channel Expansion Cards
- B. Two Nortel L2/3 copper GbE Switch modules, two optical pass-thru modules, ten Fibre channel Expansion cards
- C. Two Nortel L2/3 copper GbE Switch modules, two McData 6-port Fibre channel Switch Modules, two Fibre Channel Expansion cards
- D. Two BladeCenter 4-port Gigabit Ethernet Switch Modules, two McData 6-port Fibre Channel Switch Modules, ten Fibre Channel Expansion Cards

Answer: A

QUESTION 243:

Certkiller .com has the following equipment installed in their data center

A BladeCenter chassis

Two Power Supplies

Four JS20 Blades

Two Nortel Networks Layer 2-7 GbE switch Modules

The customer has recently purchased a new 8839 HS40 blade server and a SCSI storage expansion Unit with two 72GB SCSI drives. The customer is experiencing difficulty when attempting a supported Network operating system to the HS40.

Which step needs to be completed to successfully load the operating system?

- A. Update the BIOS
- B. Add two additional power supplies
- C. Use the ServerRAID Manager to create the RAID array
- D. Use the ServerGuide CD to install the Operating System

Answer: B

QUESTION 244:

Certkiller .com's existing environment consists of the following:

- * A Single BladeCenter with eight HS20 8832 Blades
- * Two Ethernet Switch Modules
- * Redundant Management Modules
- * Redundant power supplies

The customer wants to add HS40 blades and two HS20 8843 blades to the chassis.

The HS40 blades will require SCSI mirrored hard drives and a redundant connection to an external existing SAN fabric which consist of three Borcade switches. The HS20 blades will require SCSI mirrored hard drives.

Which THREE of the following configurations will satisfy the requirements?

- A. Two Brocade Entry Fibre Channel switch Modules, two Fibre Channel expansion cards
- B. Two Brocade Enterprise fibre channel switch modules, two fibre channel expansion cards
- C. Two HS40 blades with SCSI expansion units and SCSI mirrored drives, two HS20 8843 blades with two IDE hard drives
- D. Second BladeCenter Chassis with two Ethernet switch modules, redundant management modules and redundant power supplies
- E. Two HS40 blades with SCSI expansion units and SCSI mirrored drives, two HS2s 8843 blades with small form factor SCSI hard drives

Answer: D,E

QUESTION 245:

During a routine check of the data center environment, an administrator notices that an amber light is lit on a BladeCenter chassis. The blowers are operating at high speed and there is also an amber light on at one of the power supplies. Although the BladeCenter Chassis is found in the IBM Director Console, no alerts have been received by Director and Hardware Status is not reporting the power supply failure.

Which of the following is the most likely cause of this issue?

- A. There was no Event Action Plan defined on the IBM Director Server
- B. The Management Module is not at a current version of firmware
- C. The Director Agent was not loaded on any of the blades within the chassis
- D. There are no valid entries in the Remote Alert Recipient Profiles in the Management Module

Answer: D

QUESTION 246:

Certkiller .com is purchasing (21) 8843 HS20 Blades. Two of the 21 blades will be database server requiring access to a DS400 and will reside in the same chassis. The customer will be implementing man VLANs throughout the two chassis and will require routing between VLANs. The customer requires redundancy throughout the solution. Given the customer's requirements, which combination of the hardware meets the customer's requirements at the lowers cost?

- A. Four BladeCenter Optical Pass-thru Modules and four BladeCenter Copper Pass-thru Modules
- B. Two BladeCenter 2-port Fibre Channel Switch Modules and Two Topspin infiniband Switch Modules

- C. Two BladeCenter Optical Pass-thru Modules and four Nortel Networks Layer 2-7 GbE Switch Module
- D. Four BladeCenter 2-port Fibre Channel Switch Modules and four BladeCenter copper-thru modules

Answer: C

QUESTION 247:

Certkiller .com has the following requirements for a new BladeCenter:

- * Two 4 way servers clustered together running Microsoft cluster Services
- * Three 2 way web servers
- * Two file servers with access to a large repository of files stores in existing SAN
- * The customer wants to ensure there is no single point of failure in their LAN and SAN networks

The current environment is as follows:

- * The existing SAN switches are QLogic
- * The existing LAN is copper based 100MB

Which of the following best satisfies the customer's requirements?

- A. Two Cisco gigabit Ethernet Switch modules, two optical pass-thru Modules, seven Fibre Channel Expansion Cards
- B. Two copper Pass-thru Modules, two QLogic 6-port Fibre Channel Switch Modules, Four Fibre Channel Expansion cards
- C. One Cisco Gigabit Ethernet Switch Module, One QLogic 6-port Fibre channel Switch Module, seven fibre channel Expansion cards
- D. Two Cisco gigabit Ethernet Switch modules, two QLogic 6-port fibre channel switch modules, four fibre channel Expansion cards

Answer: D

QUESTION 248:

Certkiller .com has a BladeCenter chassis with two Cisco Gigabit Ethernet Switch Modules. The customer is viewing the Cisco Console and making some configuration changes. The following message is displayed

Native VLAN mismatch

What is the cause of this message?

- A. The external switches configuration is not compatible
- B. The two switches do not have the same VLAN ID set for the Management VLAN
- C. The two switches do not have a unique VLAN ID set for the production VLAN
- D. The external ports on the Cisco Gigabit Ethernet Switch modules are not enabled

Answer: B

QUESTION 249:

Certkiller .com would like to implement the following solution:

- * Seven HS20 blades
- * Six HS40 Blades
- * Two IBM H16 Fibre Swtiches
- * A DS4300 with fourteen 146GB drives

Given the requirement, what is the minimum amount of rack space required?

- A. 7U
- B. 10U
- C. 19U
- D. 21U

Answer: C

QUESTION 250:

Certkiller .com has built a new HPC cluster and has purchased a BladeCenter Chassis with the following:

- * Two 8843 HS20 Blade-servers each with myrinet Cluster Expansion cards
- * One optical Pass-thru Module
- * Two Cisco Ethernet Swtiches

After the I/O cards are installed on each HS20 into which bay must the optical pass-thru module be placed?

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

Answer: D