CompTIA

Exam SK0-003

CompTIA Server+ Certification Exam

Version: 10.0

[Total Questions: 529]

Topic break down

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Question No : 1 - (Topic 1)

A technician with a Windows server would like to use Windows Software Update Services (WSUS) to deploy patches. Which of the following MUST the technician assign to the server to install WSUS?

A. DHCP
B. IMAP
C. DNS
D. IIS

Answer: D

Question No : 2 - (Topic 1)

A server administrator implements a solution that should fix an issue. Which of the following should the administrator do NEXT in the troubleshooting process?

A. Notify users impacted by the problem
B. Verify full system functionality
C. Document the actions and outcomes
D. Identify the scope of the problem

Answer: B

Question No : 3 - (Topic 1)

An administrator is troubleshooting a power supply that is believed to have failed. Which of the following tools will BEST help test the power supply?

A. ESD Equipment
B. Multimeter
C. POST Card
D. Toner Probe

Answer: B

Question No : 4 - (Topic 1)

Recently traffic to the company web server has more than doubled, resulting in slower response times from the server. An administrator has decided to add a second, identical 10/100/1000 NIC to the server. The server is presently connected to a 10/100/1000 switch, with four open ports on the switch. Which of the following is the BEST solution to speed up web traffic?

A. Free up more ports on the switch
B. Enable server load balancing
C. Move the second network adapter to a new subnet
D. Enable network adapter teaming

Answer: D

Question No : 5 - (Topic 1)

A user reports that they are unable to reach a particular website. The user had no issues reaching the site earlier in the day. Which of the following is the MOST likely cause of the lack of access?

A. The VLAN is misconfigured
B. The user has an improperly configured NIC
C. The DHCP server is down
D. The DNS server is down

Answer: D

Question No : 6 - (Topic 1)

Which of the following types of UPS would be used with equipment that is very sensitive to power fluctuations?

A. Offline / Standby
B. Line interactive
C. Rackmount

D. Online / Double Conversion

Answer: D

Question No : 7 - (Topic 1)

Which of the following server types allows resolution of domain names to IP addresses?

A. DHCP server
B. DNS server
C. Web server
D. VLAN server

Answer: B

Question No : 8 - (Topic 1)

When building a computer with a 32 bit processor, which of the following is the MAXIMUM amount of memory supported?

A. 1GB
B. 2GB
C. 4GB
D. 8GB

Answer: C

Question No : 9 - (Topic 1)

Which of the following uses a switching fabric to connect storage LUNs to hosts?

A. Fiber Channel
B. SCSI
C. SATA
D. Ethernet

Answer: A

Question No : 10 - (Topic 1)

An administrator is configuring RAID 1 in a server. The administrator has been given two matching 80GB SATA-2 hard drives, two SATA-2 cables, and a SATA-2 RAID adapter. How should the administrator BEST configure these drives?

A. Install one drive on the first channel and install the second drive on the second channel.
B. Install one drive on the first cable, on the first channel. Install the second drive on the second cable, on the second channel.
C. Install both drives on the same channel. Cable both drives as the primary master on the same cable.
D. Install both drives on the same channel. On the same cable one drive should be set as primary slave and the other drive as the primary master.

Answer: B

Question No : 11 - (Topic 1)

A technician has just finished installing a new server into a server rack. Which of the following should the technician do NEXT to complete the installation documentation?

A. Update drivers, update operating system (e.g. Windows Update), create server baseline, create a new network diagram, update change management procedures
B. Create server baseline, label server, store vendor-specific documentation, update network diagrams, update asset tracking information
C. Create server baseline, assign server roles, install tape drive, delete network diagram, label server, update operating system (e.g. Windows Update)
D. Install applications on server, install external drives, toss vendor-specific documentation, update network diagrams

Answer: B

Question No : 12 - (Topic 1)

Which of the following is an advantage of using non-ECC memory over ECC memory?

A. ECC is faster than non-ECC
B. Non-ECC is faster than ECC
C. Non-ECC is more expensive than ECC
D. Non-ECC checks for memory errors

Answer: B

Question No : 13 - (Topic 1)

An administrator is planning an upgrade of a major software package on an application server. The software has been identified, the project approved and the upgrade purchased. Which of the following steps should the administrator take NEXT?

A. Create a test environment for the new version.
B. Determine system requirements for the upgrade.
C. Request bids from other competing vendors in the product space.
D. Document the upgrade.

Answer: A

Question No : 14 - (Topic 1)

An administrator has removed a SATA hard drive from a failed server. Which of the following adapters would MOST likely be used by the administrator to transfer files from the drive to a laptop?

A. SATA to SCSI
B. SATA to HBA
C. SATA to USB
D. SATA to SAS

Answer: C

Question No : 15 - (Topic 1)

A technician is troubleshooting a lack of Internet connectivity affecting their entire office. The technician suspects the issue is with their Internet Service Provider failing to provide service. Which of the following command line tools should the technician use to BEST test

this theory?

A. tracert
B. ipconfig
C. netstat
D. nslookup

Answer: A

Question No : 16 - (Topic 1)

Which of the following can help prevent data loss on a RAID array in the event of a power failure?

A. Using a RAID mirror
B. A battery backed write cache
C. Using RAID with parity
D. A battery backed read cache

Answer: B

Question No : 17 - (Topic 1)

An administrator gets a call that multiple users do not have network access to the company server that they have been using for five years. Users can access the other servers and computers in the building and check their home email accounts. The administrator tests the server's Ethernet cable, verifies it works, and plugs it back into the NIC only to receive no status lights. Which of the following BEST indicates the problem?

A. The DNS server is down.
B. The NIC driver on the server is malfunctioning.
C. The DHCP server is down.
D. The server's NIC is malfunctioning.

Answer: D

Question No : 18 - (Topic 1)

A technician is installing a server with sixteen 1 TB drives. They want the benefit of both speed and redundancy. Which of the following RAID configurations should be used?

A. RAID 0
B. RAID 1
C. RAID 3
D. RAID 50

Answer: D

Question No : 19 - (Topic 1)

A technician at a small business goes into the server room to perform maintenance on a server and notices it is very hot and audible alarms are going off. The technician is unsure of how to remedy the situation. Which of the following should the technician do?

A. Turn off all the equipment in the server closet
B. Install a fan in the server closet
C. Turn off the power to the server closet
D. Follow escalation procedures for emergencies

Answer: D

Question No : 20 - (Topic 1)

Which of the following BEST describes a Blade server?

A. Provides higher levels of physical redundancy than a typical server
B. Provides better rack space utilization than a typical server
C. Is 1.75 inches in height to fit properly in a rack
D. Uses an unshared backplane

Answer: B

Question No : 21 - (Topic 1)

Which of the following can transmit block level storage over Ethernet?

A. SAS
B. iSCSI
C. USB
D. SATA

Answer: B

Question No : 22 - (Topic 1)

A KVM system may connect which of the following? (Select THREE).

A. PS/2 mouse
B. USB mouse
C. SVGA display
D. NIC
E. USB memory stick
F. HBA card

Answer: A,B,C

Question No : 23 - (Topic 1)

A technician has to populate a server motherboard with memory. The board has a memory bus speed of 800 MHz. Which of the following memory types should be used?

A. DDR3
B. SDRAM
C. DDR
D. DDR2

Answer: D

Question No : 24 - (Topic 1)

A technician has been given a task to create a separate location for disaster recovery. The company has very high uptime requirements and will lose money if there is any downtime. Which of the following deployments should the technician consider?