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Exam : SK0-004

Title : CompTIA Server+

Vendor : CompTIA

Version : DEMO

NO.1 During a reboot, a server displays an OS not found error message. Which of the following is the most likely cause?

- A. Degraded RAID array
- B. Improper BIOS/UEFI boot order
- C. Resource exhaustion
- D. Excessive fragmentation

Answer: B

NO.2 A server technician needs to connect two servers with gigabit NICs without MDI-X in order to transfer files between them and is unable to locate a switch with gigabit ports. Which of the following types of cables would allow the technician to connect the servers to obtain the FASTEST transfer rate possible?

- A. CAT5 straight-through cables
- B. CAT6 straight-through cables
- C. CAT6 crossover cables
- D. Rollover cables

Answer: C

NO.3 A certain rack mounted blade server chassis needs 3-phase power for operation. There is currently only single-phase power coming into the room. The administrator needs to:

- A. call an electrician to see if 3-phase power can be brought into the room.
- B. use an adapter to configure the server to use single-phase power.
- C. call an electrician to wire the single-phase power into 3-phase power.
- D. use a single-phase UPS to power the 3-phase server.

Answer: A

NO.4 Which of the following interfaces in Windows server can be used to add a new volume for storage? (Select TWO).

- A. Computer Management
- B. System Properties
- C. Device Manager
- D. Disk Management
- E. My Computer

Answer: A,D

NO.5 Which of the following memory technologies has the HIGHEST cost to implement?

- A. RAID
- B. Pairing
- C. Registered
- D. ECC

Answer: A

NO.6 Which of the following services provide hostname to IP address resolution? (Select TWO).

- A. LDAP
- B. DNS
- C. WINS
- D. NAT/PAT
- E. NTP
- F. DHCP

Answer: B,C

NO.7 A company has a corporate office building that is used by 50 to 100 unique visitors each day for meetings. Users routinely report that they are unable to access the network with their laptops when visiting this location.

The help desk reports that these users are not getting IP addresses automatically assigned.

After an investigation, the server administrator has determined that the DHCP service is functioning, but a minimal number of addresses are available for lease.

The building is on its own class C subnet and has 250 addresses in the scope. Which of the following represents a long term solution to the problem?

- A. Assign static IP addresses to visiting laptops.
- B. Reduce the lease duration in the DHCP scope options to one day.
- C. Create reservations in DHCP for users frequently visiting this location.
- D. Manually delete address leases from DHCP.

Answer: B

NO.8 An administrator attempts to install the latest security patches for an older server. When the administrator runs the patch installer, the install fails. The administrator tries again, and the installer fails again. Which of the following is the MOST likely reason for this?

- A. The administrator is trying to install security patches for software that is not installed.
- B. The administrator improperly configured the virtual memory settings on the server.
- C. The administrator is using incorrect patch switches for the install.
- D. The administrator is trying to install patches that require hard drive encryption on the server.

Answer: A

NO.9 Which of the following server types stores the list of network usernames and passwords required for authentication?

- A. DHCP
- B. SNMP
- C. Directory
- D. File server

Answer: C

NO.10 A server technician is connecting a server to a switch in the server room. Both the server and the switch are equipped with 10 Gigabit Ethernet adapters. Which of the following cable choices would produce the BEST throughput?

- A. CAT6 straight-through cable

- B. CAT5e crossover cable
- C. CAT6 rollover cable
- D. CAT5e straight-through cable

Answer: A

NO.11 A user cannot save a 2 GB file to a file server. A technician determines that permissions are correct and the file system has 10 MB of available space for new files. The technician wants to enable compression as a short-term fix. Which of the following should the technician do FIRST?

- A. Encrypt the file system on the server
- B. Free enough disk space to hold the largest file's uncompressed size
- C. Install at least enough memory to hold the largest file's uncompressed size
- D. Decrease the amount of system CPU and memory requirements

Answer: B

NO.12 A new version of the primary OS used by a company has been released. Due to some significant changes in the OS, a system administrator wants to see which remotely accessible services are enabled by default to access the security risk prior to upgrading to the new version. Which of the following utilities should the administrator use?

- A. Port scanner
- B. Cipher program
- C. Telnet client
- D. Packet sniffer

Answer: A

NO.13 Which of the following cable types can be used to decrease susceptibility to electronic eavesdropping?

- A. Fiber optic
- B. Fast Ethernet
- C. Coaxial
- D. Thicknet

Answer: A

NO.14 A technician is troubleshooting a server that is inaccessible to customer at a remote site but accessible to customers locally. The only configuration that has changed is the internal IP address. Which of the following still needs to be configured?

- A. DNS
- B. Routing table
- C. Firewall rule
- D. DHCP

Answer: B

NO.15 Which of the following server types is commonly used for authentication and credential storage?

- A. Directory server
- B. File server
- C. DNS server
- D. Web server

Answer: A

NO.16 An administrator has been tasked with making recommendations for purchasing disks that will support a transactional database where performance is of greatest concern and budget is secondary. Which the following disk types should the administrator recommend?

- A. iSCSI
- B. SAS
- C. FC
- D. SATA

Answer: B

NO.17 A server administrator implements external storage for a file server. At a later time, another administrator wants to extend this storage to a second server but is unable to connect to two servers simultaneously. Which of the following storage types was implemented by the first administrator?

- A. SAN
- B. DAS
- C. NAS
- D. VSAN

Answer: B

NO.18 An administrator receives a call from a user reporting that one of the application servers is not accessible by host name but is accessible via an IP address. Which of the following is the MOST likely issue?

- A. The DNS MX record type is misconfigured.
- B. The DNS forward lookup zone is missing.
- C. The DNS resource record is missing.
- D. The DNS reverse lookup zone is misconfigured.

Answer: C

NO.19 Server A hosts a mission-critical business application. The server has one disk and one NIC. The administrator has been asked to implement a solution to meet the business requirement that the application must maintain high availability, even in case of a hardware failure. Which of the following BEST meets this requirement?

- A. Add multiple disks on the server and configure RAID 5.
- B. Move the application to another server that has more resources.
- C. Configure failover clustering using Server A and a new server.
- D. Add an additional NIC and configure the NIC as standby.

Answer: C

NO.20 An administrator is creating a comprehensive backup system to backup a single web server. Which of the following is the BEST way to provide full restore?

- A.** Take a monthly snapshot backup while the server is online.
- B.** Take an incremental backup while the server is offline.
- C.** Take an image backup nightly while the server is online.
- D.** Take a differential backup while the server is online.

Answer: C

NO.21 A technician needs to replace a hot swap cooling fan in a server. The server resides at U26 of a 42U rack that is fully populated with servers. The technician is unable to remove the server from the rack without powering off the server first. Which of the following should have been installed at the time the server was installed in the rack?

- A.** A UPS
- B.** Management modules
- C.** Cable management arms
- D.** Server rail kits

Answer: D

NO.22 Which of the following methods should be used when classified or sensitive data is stored on a server?

- A.** Partition encryption
- B.** Directory encryption
- C.** File encryption
- D.** Whole disk encryption

Answer: D

NO.23 A server with a large amount of storage but not necessarily a very fast CPU would be BEST suited for which of the following applications?

- A.** DNS server
- B.** DHCP server
- C.** Proxy server
- D.** File server

Answer: D

NO.24 A server's runtime during power outages is too short to shut down properly. A system technician is asked to remediate the problem. Which of the following would be the result of adding additional batteries to the UPS?

- A.** Increased power output
- B.** Increased load balancing
- C.** Greater efficiency
- D.** Extended uptime

Answer: D

NO.25 An administrator thinks that a particular network connection is dropping packets. Which of the following tools would the administrator use to BEST identify where the packets are being dropped?

- A. netstat
- B. ping
- C. tracer
- D. nslookup

Answer: C

NO.26 Which of the following is a benefit of using raised floors with specially configured tiles in a server room?

- A. To provide a location for baffles or shrouds in the sub-floor.
- B. To provide a location for redundant power supplies in the sub-floor.
- C. To provide for heat dissipation using forced air through the sub-floor.
- D. To provide for liquid cooling systems through the sub-floor.

Answer: C

NO.27 Which of the following protocols can be used to query for host, user, and group information for clients?

- A. DNS
- B. SCP
- C. SNMP
- D. DHCP
- E. LDAP

Answer: E

NO.28 A server is connected to a gigabit Ethernet switch and has negotiated 1Gbps / Full Duplex. When transferring large files to and from other servers on the segment via FTP slow performance is noticed. All network cabling, network hardware and server hardware were verified to be working correctly. Which of the following could be done to improve performance?

- A. Increase the TCP window size.
- B. Decrease the TCP window size.
- C. Decrease the UDP window size.
- D. Increase the UDP window size.

Answer: A

NO.29 Immediately following a BIOS firmware update, a server detects an overheat condition and shuts down after five minutes. Which of the following should the systems administrator do FIRST?

- A. Disconnect the server's power and restore the backup ROM
- B. Ensure the system fans are running
- C. Reapply thermal paste to the CPUs and heat sinks
- D. Run the hardware manufacturer's onboard diagnostics

Answer: B

NO.30 Which of the following components is required to connect multiple servers to a SAN?

- A.** Router
- B.** HBA
- C.** Fiber switch
- D.** RAID controller

Answer: B