

**CompTIA SK0-002**

**CompTIA SK0-002 SERVER+ EXAM 2005 Objectives**

# **Practice Test**

**Version 1.6**

**QUESTION NO: 1**

Which of the following is the maximum bus speed for Ultra2 Wide SCSI?

- A. 10 MB/sec
- B. 20 MB/sec
- C. 80 MB/sec
- D. 160 MB/sec
- E. 40 MB/sec

**Answer: C**

**QUESTION NO: 2**

A server manager logs into a server with his administrator account and installs a third-party diagnostic tool. No installation problems are encountered. Upon starting the tool for the first time, an error code is displayed that is difficult to understand. The manager attempts to reinstall the tool, but receives the same error. Which of the following is the MOST appropriate step to take to resolve the problem?

- A. review the server performance logs for an easier-to-interpret error code
- B. search the network operating system's support website for the specific error code
- C. install the latest network operating system service patch to correct recently identified bugs
- D. review the application documentation

**Answer: D**

**QUESTION NO: 3**

Why is it important to document network architecture, hardware, protocols, naming standards, and upgrades?

- A. to help network users better understand network functionality
- B. to provide end users with information on network security
- C. to enable easier troubleshooting in case of network problems
- D. for legal purposes, such as an internal audit

**Answer: C**

**QUESTION NO: 4**

A new application is installed on a company server. Which action should be taken after the application is installed and fully functional?

- A. Nothing further is required.
- B. The new application should be benchmarked.
- C. An installation log file should be printed.
- D. A new server baseline should be created.

**Answer: D**

#### QUESTION NO: 5

How can the telnet client in Windows 2000 Server be started?

- A. Select> Start> Programs> Accessories> Communications> Telnet
- B. type telnet at a command prompt
- C. obtain a copy of the Telnet.exe file from a Windows NT Server, rename it to Telnet32.exe, and then copy it to the Windows 2000-based server
- D. Select> Start> Programs> Accessories> Communications> Hyperterminal

**Answer: B**

#### QUESTION NO: 6

A UPS (Uninterruptible Power Supply) is being selected for a remote office. The correct size UPS (Uninterruptible Power Supply) needs to be determined. Which formula should be used to determine the load requirements?

- A. Watts = Current X Voltage
- B. VA = Volts x Amperes
- C. VA = kW x 1000 x Amperes
- D. kVA = Volts x Amperes

**Answer: B**

#### QUESTION NO: 7

A server NIC appears to be causing a network broadcast storm. Which tool BEST confirms the source of the problem?

- A. LAN analyzer

- B. cable tester
- C. SNMP (Simple Network Management Protocol)
- D. Performance Monitor

**Answer: A**

#### **QUESTION NO: 8**

A biometric access device is used with which security method?

- A. qualification
- B. authentication
- C. authorization
- D. accountability

**Answer: B**

#### **QUESTION NO: 9**

Which two are the BEST times to collect server baselines? (Select TWO)

- A. in the morning during normal working hours
- B. on the weekend when doing server maintenance
- C. in the evening during non-business hours
- D. in the afternoon during normal working hours

**Answer: A,D**

#### **QUESTION NO: 10**

A system administrator wants to remotely administer a server using a Web browser-based application so he can administer remotely from any operating system. He wants to ensure that the communication is secure and that only he can log in to the server. Which three actions must the administrator take before he can administer the server? (Select THREE)

- A. use smartcard authentication
- B. install and run the WWW service
- C. use the HTTP over SSL protocol
- D. use the L2TP over IPSec encryption protocol
- E. install a X.509 compliant server

**Answer: B,C,E**

**QUESTION NO: 11**

A new server NIC is being installed to connect to a 1000Base-SX gigabit switch. Which cable should be used to connect the NIC to the switch?

- A. Cat5 patch cable
- B. Cat5 crossover cable
- C. Multi-mode fiber cable
- D. Single-mode fiber cable

**Answer: C**

**QUESTION NO: 12**

A company is evaluating a new server and network management package.

They require a package that supports the SNMP (Simple Network Management Protocol) V3 protocol that addresses concerns about \_\_\_\_\_ that plagued previous versions of the protocol.

- A. OID (ObjectIdentifier) errors
- B. SNMP (Simple Network Management Protocol) routing
- C. the MIB (Management Information Base) hierarchy
- D. protocol security

**Answer: D**

**QUESTION NO: 13**

A RAID monitoring system indicates that two hot-pluggable drives are experiencing periodic read/write failures. What should be done?

- A. replace one drive, allow time for automatic data recovery, and then replace the second drive
- B. wait until the drives fail, replace the drives, and rebuild the data from tape backup
- C. replace both drives at the same time and then rebuild the data from tape backup
- D. replace both drives and allow time for automatic data recovery

**Answer: A**

**QUESTION NO: 14**

A technician is preparing to install a flash BIOS upgrade on a server. Which two actions should the technician take to ensure a successful upgrade? (Select TWO)

- A. make sure the bootstrap loader and the POST functions are working properly before applying the update
- B. check the BIOS upgrade documentation to make sure the update addresses issues that need to be resolved
- C. make sure the BIOS chips have undergone ultraviolet erasing prior to the update
- D. record the current CMOS settings to help streamline reconfiguration after the update

**Answer: B,D**

**QUESTION NO: 15**

Users report that the intranet database is slow to respond during peak use times. The database server is on a small 150-user network and is configured with dual processors, 512 MB RAM, and a hardware-controlled RAID 5 array with three drives. The server also provides DNS and DHCP services for the intranet. Which three are ways to improve server performance? (Select THREE)

- A. move the page file to another partition on the RAID 5 array
- B. add a hard drive to the RAID 5 array
- C. move the DNS and DHCP services to another server
- D. set processor affinity

**Answer: B,C,D**

**QUESTION NO: 16**

An Ultra 160 or Ultra 320 device falls under which SCSI standard?

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

**Answer: C**

**QUESTION NO: 17**

Two new servers are purchased and need to be installed to allow sharing of a single external hard drive enclosure. One server is configured as a local file server, and the other as a database server for a different network.

The onsite technician notices that when both servers are running at the same time, they each receive SCSI errors. When they are running individually, no errors are reported.

Which of the following is the BEST source of information to use for troubleshooting this problem?

- A. the server vendor's FAQ website
- B. the SCSI controller vendor's user manual
- C. the network operating system vendor's website
- D. the drive enclosure vendor's user manual

**Answer: D**

#### **QUESTION NO: 18**

Users report that the company's email server operates slowly at approximately 3:00 p.m. each work day. Which action could be taken to determine the cause of the slowdown?

- A. do a network trace to determine any issues with the network
- B. add more RAM to the server and do a new baseline
- C. check the logs to determine when maintenance programs are scheduled
- D. check the page file size

**Answer: C**

#### **QUESTION NO: 19**

A small company is backing up mission-critical data and wants to implement a disaster recovery plan. The network administrator is tasked with developing the disaster recovery plan. Which step should be taken FIRST when developing the plan?

- A. practice the disaster recovery drills
- B. determine the enterprise configuration
- C. explore disaster prevention techniques
- D. create a step-by-step restoration plan

**Answer: B**

**QUESTION NO: 20**

The latest SCSI adaptor card is purchased from a vendor. Drivers for the operating system cannot be obtained. The SCSI adapter card is added to an existing server. Upon booting, the operating system does not detect the card. Which of the following is the MOST likely cause of the problem?

- A. Operating system patches were not updated before installing the card.
- B. The SCSI card is not seated correctly.
- C. The SCSI card is not listed on the operating system HCL (Hardware Compatibility List).
- D. The termination is incorrectly set on the SCSI card.

**Answer: C**

**QUESTION NO: 21**

There is 8U available in a server rack. How much space is this?

- A. 16 inches (40.6 cm)
- B. 14 inches (35.6 cm)
- C. 8 inches (20.4 cm)
- D. 4 inches (10.2 cm)

**Answer: B**

**QUESTION NO: 22**

The IEEE has defined "end of useful life" for a UPS (Uninterruptible Power Supply) battery occurs when the battery can no longer supply a particular percentage of its rated capacity in ampere-hours. This percentage is:

- A. 50%.
- B. 80%.
- C. 5%.
- D. 10%.

**Answer: B**

**QUESTION NO: 23**

During a test of the disaster recovery plan, it is discovered that some servers were restored with other servers' data. Which action is MOST likely to improve disaster recovery in the future?



- A. implement a media rotation scheme for offsite tapes
- B. implement a differential backup strategy
- C. maintain a printed tape backup report
- D. create a database that contains the backup logs stored on an incremental server

**Answer: C**

#### QUESTION NO: 24

Which two are functions of a proxy server? (Select TWO)

- A. provides a secure Internet connection
- B. filters Internet requests
- C. improves Internet performance
- D. resolves fully qualified domain names to IP addresses

**Answer: B,C**

#### QUESTION NO: 25

A server was recently installed with all necessary hardware and software. Before placing the server into service, a(n) \_\_\_\_\_ should be created.

- A. application backup
- B. Performance Monitor log
- C. System Monitor log
- D. performance baseline

**Answer: D**

#### QUESTION NO: 26

A server is maintained by a group of administrators. When a commonly accessed application is used, the server crashes. After discussing the issue with the server team, the technician learns that the problem has occurred several times in the recent past. Which troubleshooting step should be taken FIRST?

- A. determine what changed prior to the server's first crash
- B. check the application manufacturer's knowledge base
- C. call the hardware technical support to see if this is a known hardware limitation
- D. call the software vendor to see if there is a patch to correct this problem

**Answer: A**

**QUESTION NO: 27**

Which two statements are true? (Select TWO)

- A. DDR RAM must be installed in pairs.
- B. Continuity modules must be installed in empty SDRAM slots.
- C. Continuity modules must be installed in empty RAMBUS slots.
- D. EDO RAM must be installed in pairs.

**Answer: C,D**

**QUESTION NO: 28**

Which of the following is one of the biggest advantages of RMON (Remote Monitoring) over SNMP (Simple Network Management Protocol)?

- A. RMON (Remote Monitoring) analyzes traffic only at the physical layer.
- B. RMON (Remote Monitoring) has fewer MIBs (Management Information Bases) than SNMP (Simple Network Management Protocol) so it is easier to understand.
- C. RMON (Remote Monitoring) provides performance monitoring.
- D. RMON (Remote Monitoring) allows an administrator to restart a device.

**Answer: C**

**QUESTION NO: 29**

After upgrading the SNMP (Simple Network Management Protocol) protocol, the \_\_\_\_\_ can be looked up. It is a sequence of integers that uniquely identifies a path to a managed object.

- A. MIB (Management Information Base)
- B. OID (ObjectIdentifier)
- C. community name
- D. register

**Answer: B**

**QUESTION NO: 30**