

# CompTIA

## Exam Questions 220-1001

CompTIA A+ Certification Exam: Core 1



#### NEW QUESTION 1

A technician upgraded the memory on a server from two 8GB sticks to eight 32GB. The server memory is now at full capacity per the user guide. When the technician powers on the system, only 128 GB of memory is recognized by the OS and the BIOS. The technician decides to upgrade to the latest version of the firmware on the system, which does not help. Next, the technician installs the memory in sets of 64GB at a time. Each individual set of 64GB is fully recognized by the server.

Which of the following will not allow the server to recognize all of the memory installed at the same time?

- A. The power supply is not supplying enough power for the memory.
- B. The memory has too many ECC errors and is shutting down
- C. The server is overheating when all of the memory is installed.
- D. The server needs DDR4 memory, and DDR3 is installed.

**Answer:** D

#### NEW QUESTION 2

Several company users are frequently forgetting passwords for their mobile devices and applications. Which of the following should the systems administrator do to reduce the number of help desk tickets submitted?

- A. Implement single sign-on.
- B. Enable multifactor authentication.
- C. Configure biometric authentication.
- D. Remove complex password requirements.

**Answer:** A

#### NEW QUESTION 3

A laptop is connected to a conference room projector in extended display mode. The desktop icons appear normal on the laptop, but are disproportionate and illegible on the projector screen. Which of the following should the technician check?

- A. Video resolution
- B. HDMI connection
- C. Keystone
- D. Focus

**Answer:** A

#### NEW QUESTION 4

Which of the following requires less current to provide the same amount of power to devices inside a PC?

- A. 5.5V
- B. 12V
- C. 120V
- D. 220V

**Answer:** D

#### NEW QUESTION 5

Which of the following cable types should be used to connect a cable modem to a SOHO router?

- A. Thunderbolt
- B. Coaxial
- C. USB
- D. Ethernet

**Answer:** D

#### NEW QUESTION 6

Several computers are having network connectivity issues. Two of the computers are wired and are not having any issues. The technician verifies that none of the computers having issues have been assigned a static IP.

Which of the following should the technician check NEXT?

- A. Check the closest AP for the area.
- B. Check each wireless adapter switch
- C. Check the group's network switch.
- D. Check the DHCP server.

**Answer:** D

#### NEW QUESTION 7

A printer stops working in the billing department and cannot be repaired. A new printer has been ordered and a technician is tasked with allowing other users to print to the billing manager's printer until the new printer arrives. The manager's printer is currently used via USB connection, and there are no network jacks available for use.

Which of the following is the BEST way for the technician to allow access to the printer?

- A. Create a share on the manager's computer and give the users rights to the share.
- B. Install the printer on the users' desktops and point it to the IP address of the manager's computer.
- C. Purchase a wireless printer so the users can access the printer via network.
- D. Provide flash drives to the users so they can transfer data to the manager's computer for printing.

**Answer:** C

#### NEW QUESTION 8

A technician receives a cellular from a manager. The technician is instructed to download a service manual directly from the Internet to a laptop. However, there is no WiFi signal or wired Ethernet. Which of the following would be the MOST appropriate connections for the technician to use?

- A. Hotspot
- B. NFC
- C. Bluetooth
- D. VPN

**Answer:** A

#### NEW QUESTION 9

A technician is troubleshooting a Windows CAD workstation that is running slow. The computer uses RAID 10 and has dual GPU cards. The user states that the same application runs faster on an identical workstation.

Which of the following should the technician perform FIRST to troubleshoot the problem?

- A. Replace the write cache battery.
- B. Check the event log any cache issues.
- C. Clear the RAID configuration file and restart the PC.
- D. Replace the RAID controller write cache module.

**Answer:** B

#### NEW QUESTION 10

A systems administrator wants to take advantage of the benefits of the major cloud providers while retaining some data and services in the local datacenter. Which of the following types of cloud model should the administrator consider?

- A. Public
- B. Private
- C. Hybrid
- D. Community

**Answer:** C

#### NEW QUESTION 11

An end user reports a printer error that states "Replace filament". With which of the following types of printer is the end user MOST likely having problems?

- A. ink jet
- B. Laser
- C. 3-D
- D. Thermal

**Answer:** C

#### NEW QUESTION 12

Which of the following server types caches previously visited web pages for faster access in the future?

- A. Proxy server
- B. Web hosting server
- C. DNS server
- D. Branch cache server

**Answer:** D

#### NEW QUESTION 13

A systems administrator is configuring a server to host several virtual machines. The administrator configures the server and is ready to begin provisioning the virtual machines.

Which of the following features should the administrator utilize to complete the task?

- A. Hypervisor
- B. Disk management
- C. Terminal services
- D. Device Manager
- E. Virtual LAN

**Answer:** A

#### NEW QUESTION 14

A workstation was just moved to a new work location without a surge protector. It was working the day before, but now the PC will not power on, the fans will not spin, and there are no signs of activity. Which of the following should the technician do FIRST?

- A. Check the power cable connection
- B. Check the voltage of the PSU with a tester
- C. Test for distended capacitors
- D. Check the voltage switch

**Answer:** A

#### NEW QUESTION 15

A technician is setting up a VM for use in testing software deployments. The VM is offline, but the hypervisor is not. Which of the following settings should the technician change to resolve this issue?

- A. Virtual security
- B. Virtual storage
- C. Virtual CPU
- D. Virtual switch
- E. Virtual RAM

**Answer:** C

#### NEW QUESTION 16

A user notices a laser printer is picking up multiple sheets of paper from one of its paper trays. The problem started last week and has gotten worse. Which of the following is MOST likely the cause of this problem?

- A. Separation pad
- B. Feed roller
- C. Registration roller
- D. Duplex assembly

**Answer:** A

#### NEW QUESTION 17

Which of the following is designed to function BEST in harsh lighting conditions?

- A. Large tablet
- B. E-reader
- C. Smart watch
- D. Virtual reality headset

**Answer:** D

#### NEW QUESTION 18

A company is concerned about security of sensitive data on a laptop a user frequently takes off-site Which of the following enables hardware encryption to secure user data?

- A. BIOS password
- B. Hibernation mode
- C. Trusted Platform Module
- D. Screen-saver lock

**Answer:** C

#### NEW QUESTION 19

Ann, an accountant, reports that after turning on her new laptop, she received a message stating her IP address is already in use on the system. She tried going back to her old desktop, which she now only uses for email, but received the same message. The technician checks the account and sees a comment that Ann requires a special network setup to connect to the banking software. Which of the following should the technician do to resolve the issue?

- A. Remove the static IP configuration from the desktop.
- B. Set the laptop configuration to DHCP to prevent conflicts.
- C. Replace the network card in the laptop, as it may be defective.
- D. Bridge the LAN connection between the laptop and the desktop.

**Answer:** B

#### NEW QUESTION 20

A client brings in a smartphone with a cracked screen to be repaired During the repair process, the technician places the screws in a small container to prevent losing them. The technician tests the replacement screen to ensure it works properly before dosing the device. Once the device is back together however it does not power on. The technician disassembles the device once again to test the screen and finds it has shorted out Which of the following disassembly procedures should the technician have followed to prevent this from occurring?

- A. Label the locations of the screws
- B. Refer to manufacturer resources
- C. Document the orientation of the cables
- D. Use the appropriate hand tools

**Answer:** A

**NEW QUESTION 21**

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