

220-1001 Dumps

CompTIA A+ Certification Exam: Core 1

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NEW QUESTION 1

A technician is setting up a laptop and projector for a presentation. When plugging in the projector, it mirrors the desktop screen from the laptop but everything appears distorted and compressed. Which of the following should the technician do to correct the appearance of the image on the projector?

- A. Update the laptop graphics driver
- B. Change the scaling options.
- C. Change the desktop resolution
- D. Replace the video cable.
- E. Utilize a USB VGA graphics adapter
- F. Adjust the keystone settings on the projector

Answer: C

NEW QUESTION 2

After setting up a DHCP server and a DNS server, a technician would like to centralize all of the events generated by the two servers so they can be viewed in one dashboard. Which of the following is a data source used to populate the dashboard?

- A. Netstat
- B. Host file
- C. Perfmon
- D. Syslog

Answer: B

NEW QUESTION 3

Which of the following devices can be used to connect multiple devices within a network by broadcasting to every network port?

- A. Unmanaged switch
- B. Hub
- C. Firewall
- D. Cable modem

Answer: A

NEW QUESTION 4

An office has a network that has all computers connected to two switches. The switches are connected with a fiber cable. The computers and switches are all located in the same building. Which of the following network types does this describe?

- A. WAN
- B. PAN
- C. LAN
- D. MAN

Answer: C

NEW QUESTION 5

A user is unable to access websites and has reported connectivity issues with pop-ups on the screen. A technician removes malware, and then is able to ping the router and access the websites.

Which of the following NEXT steps should the technician perform in troubleshooting this issue? (Choose two.)

- A. Document findings, actions, and outcomes.
- B. Reboot the device to verify the fix.
- C. Reconnect the device to the network.
- D. Verify the settings in IPConfig.
- E. Research the problem based on symptoms.
- F. Run a virus scan.

Answer: AF

NEW QUESTION 6

A user reports a laserjet printer is not printing properly. A technician prints a test page and notices the toner is smeared on the page. The technician confirms the toner cartridge is installed correctly and the paper in the tray is the right size. Which of the following printer components is the MOST likely cause of the problem?

- A. Fuser
- B. Roller
- C. Memory
- D. Toner

Answer: A

NEW QUESTION 7

A bank employee contacts the help desk for assistance with setting up a new computer. Which of the following peripherals will the technician MOST likely install alongside the device? (Select TWO)

- A. Magnetic reader

- B. Signature pad
- C. Flatbed scanner
- D. Web camera
- E. External storage drive

Answer: AD

NEW QUESTION 8

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 9

A customer recently moved a high-end graphics card from a known-working computer to a different computer. The computer works without issue when viewing email and web pages or when using certain applications. However, when a game with high-end graphics requirements is opened, the program will run for a few minutes before the computer shuts down. Which of the following is MOST likely causing the problem?

- A. Power supply wattage
- B. Video RAM
- C. CPU frequency
- D. Monitor resolution

Answer: A

NEW QUESTION 10

A user is having a problem with printing a specific document type.

The network printer OCP shows that the printer is online with no errors. Other users are not having the same issue. The user sends the document to another printer and the document prints.

Which of the following should a technician do FIRST in troubleshooting the problem?

- A. Stop and restart the PC print spooler service.
- B. Verify the user is sending the document to the correct printer queue.
- C. Have each user send the same document to the correct printer queue.
- D. Stop and restart the print server queues, and then have the user resend the document.

Answer: B

NEW QUESTION 10

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 14

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 15

The ability for new computers to be automatically connected to the network is provided by the:

- A. DHCP server
- B. DNS server
- C. proxy server
- D. TACACS server

Answer: A

NEW QUESTION 18

Which of the following devices would enable a VLAN user to communicate with a user in another VLAN?

- A. Router
- B. Access point
- C. Repeater
- D. Bridge

Answer: A

NEW QUESTION 19

A server administrator set up a VM to be used in a lab setting. A technician is setting up thin-client computers to access this VM. Which of the following tasks are required to complete the project? (Choose three.)

- A. Connect the device to a printer.
- B. Install the operating system.
- C. Install a USB keyboard and mouse.
- D. Connect the device to the network.
- E. Install the latest system updates.
- F. Install the latest device drivers.
- G. Connect the device to a monitor.
- H. Install the necessary applications.

Answer: DEH

NEW QUESTION 20

Which of the following connects a PC to its default gateway?

- A. NIC
- B. Switch
- C. Router
- D. Cable modem

Answer: B

NEW QUESTION 22

Which of the following is the MOST likely cause for a network PC to have an APIPA address?

- A. DHCP failure
- B. DNS resolution
- C. Duplicate IP address
- D. Cleared ARP cache

Answer: A

NEW QUESTION 26

A technician is setting up a Windows mobile device for a user who had trouble reading text on a previous device, especially at night. Which of the following adjustments would be MOST appropriate?

- A. Use the magnifier.
- B. Increase the resolution.
- C. Use haptic feedback.
- D. Utilize text-to-speech.

Answer: A

NEW QUESTION 31

Whenever a user's machine is turned on, a black screen appears prompting the user for an administrative password. The technician has no such password on file for this machine.

Which of the following steps should the technician take to resolve this issue?

- A. Press and hold the CPU power button for five seconds, and then power back on.
- B. Disconnect and reconnect the internal hard drive.
- C. Remove the CMOS battery and reinsert it after ten seconds.
- D. Remove the motherboard and place it back into the machine after ten minutes.

Answer: C

NEW QUESTION 32

Joe a technician is dispatched to troubleshoot a server that will not boot. The server console states no boot device can be found Joe reboots the server with the same result. He then attempts to repair the master boot record and boot sector with no results. Joe realizes the server is set up in a RAID 0 configuration and is certain there is a bad hard drive. Which of the following should Joe do to get the server to boot right away?

- A. Unplug the defective hard-drive cable and reboot the server
- B. Change the RAID controller configuration from RAID 0 to RAID 5.
- C. Break the mirror and set the good hard drive as the default boot drive
- D. Replace the faulty hard drive and restore from server data from backup

Answer: D

NEW QUESTION 34

Which of the following is used to connect a headset to a laptop?

- A. eSATA
- B. BNC
- C. RG-6
- D. USB

Answer: D

NEW QUESTION 39

An analyst asks a technician to recommend a solution for a customer in the software development industry, where the customer can test a variety of OS's running the various applications that the customer produces. The customer wants to minimize the investment in hardware. Which of the following solutions should the technician recommended to BEST meet the customer's requirement?

- A. Purchase a number of low-cost devices, installing the required Oss and applications on each on
- B. Use separate machines for each testing environment.
- C. Purchase a high-end system meeting the hardware requirements for all of the individual Oss and application
- D. Configure a VM for each testing environment.
- E. Purchase one computer and create images for each computer configuration and O
- F. Re-image the machine for each testing environment.
- G. Purchase a number of computers, installing a VM on each on
- H. Configure each VM with an OS for the testing environment.

Answer: B

NEW QUESTION 44

Which of the following devices can utilize VLANs to secure networks?

- A. Switch
- B. Hub
- C. Repeater
- D. Bridge

Answer: A

NEW QUESTION 47

A technician is troubleshooting what appears to be a RAM issue on a PC. Which of the following symptoms would indicate if this is a RAM issue?

- A. POST code beeps
- B. Distended capacitors
- C. Continuous reboots
- D. Wrong BIOS time

Answer: C

NEW QUESTION 49

A projector's image begins to flicker during a presentation. The laptop display does not produce this issue. When a technician changes the resolution on the laptop, the issue persists. Which of the following is the NEXT step the technician should take?

- A. Check the connectivity of the VGA cable.
- B. Check the connectivity of the power cable.
- C. Change the aspect ratio on the laptop.
- D. Change the settings of the projector.

Answer: A

NEW QUESTION 51

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 55

After upgrading a smartphone's OS, Joe, a user, reports the smartphone no longer connects to his automobile automatically when near it, Joe, restarts the smartphone, but the problem persists. Which of the following should a technician do NEXT to restore the previous functionality?

- A. Connect the smartphone to the automobile via USB
- B. Reenable the smartphone's Bluetooth radio

- C. Perform a rollback of the smartphone's OS
- D. Pair the smartphone with the automobile

Answer: B

NEW QUESTION 59

An end user wants to have a second monitor installed on a laptop. Which of the following would allow a technician to configure the laptop to show both screens once the cable is connected?

- A. Plug an external monitor into the USB port.
- B. Use the Fn and function key combination
- C. Adjust the monitor display settings.
- D. Enable DisplayPort.

Answer: C

NEW QUESTION 64

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 65

A network administrator would like to increase network bandwidth to iGbps between two office buildings that are 0.5mi (805m) apart. Which of the following would be the BEST solution?

- A. Fiber
- B. Coaxial
- C. Plenum
- D. Cat 6

Answer: A

NEW QUESTION 67

A technician would like to install an internal storage drive for a computer. Which of the following cable connectors would MOST likely be used to transfer data? (Select TWO).

- A. USB-C
- B. IDE
- C. SATA
- D. USB-A
- E. Motex
- F. Lightning

Answer: BC

NEW QUESTION 72

A company has very strict rules regarding proprietary information leaving the premises. All computers host proprietary information. A technician is called to repair a computer on-site at the company's corporate office. The technician identifies the troubleshooting steps to create a plan of action. The technician determines the computer needs to be taken off-site for repair.

Which of the following should the technician do NEXT?

- A. Check corporate policies for guidance.
- B. Get authorization from the manager.
- C. Delete proprietary data before leaving the building.
- D. Remove the HDD and send the device for repair.

Answer: A

NEW QUESTION 77

A technician is buying a PC that will host three VMs running at the same time with the current configuration. The technician believes there might be a need to run several additional VMs in the near future. Which of the following resources would be the MOST important to upgrade to allow for the additional VMs?

- A. CPU
- B. SSD
- C. NIC
- D. RAM

Answer: B

NEW QUESTION 81

A technician configures a new printer to be accessible via a print server. After setting up the printer on a Windows client machine, the printer prints normally. However, after setting up the printer on a macOS client machine, the printer only prints garbled text. Which of the following should the technician do to resolve this issue?

- A. Add a macOS-compatible print driver to the printer object on the print server.
- B. Configure the Windows client to share the printer with the macOS client.
- C. Set the printer on the macOS client to connect to the print server via IPv6.
- D. Ensure the network time of the macOS client matches that of the print server.

Answer: A

NEW QUESTION 82

A technician is talking to end users about the specifications for an upgraded application server. The users of the application report that there cannot be any unscheduled downtime or data loss. Additionally, they would like the performance of the application to improve over the previous server in any way possible. The previous server running RAID 5.

Which of the following RAID solutions should be implemented in this scenario?

- A. RAID 0
- B. RAID 2
- C. RAID 6
- D. RAID 10

Answer: D

NEW QUESTION 85

A customer asks a technician to help set up a specialized computing system for video editing.

Which of the following should the technician install on the workstation to BEST meet the customer's specifications? (Choose two.)

- A. SSD
- B. Dual monitors
- C. Gigabit NIC
- D. Hypervisor
- E. Docking station
- F. NAS

Answer: AB

NEW QUESTION 88

Which of the following cloud computing concepts facilitates automated server deployment?

- A. NaaS
- B. IaaS
- C. PaaS
- D. SaaS

Answer: B

NEW QUESTION 90

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 91

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 95

Which of the following peripherals would a company use to take inventory quickly and update price tags for products? (Choose two.)

- A. Barcode scanner
- B. Label printer
- C. Magnetic reader
- D. KVM switch
- E. NFC device

F. Flatted scanner

Answer: AC

NEW QUESTION 100

An end user has signed up to use a web-based calendar application. Which of the following solutions has the user purchased?

- A. DaaS
- B. SaaS
- C. PaaS
- D. IaaS

Answer: B

NEW QUESTION 105

A user calls the help desk stating a laptop is performing slowly and the hard drive activity lights are blinking continuously. A technician checks for enough hard drive space, disables antivirus and indexing services, and runs a full-system diagnostics check, which returns no failure. Which of the following should the technician do NEXT?

- A. Install a new hard drive
- B. Check for hard-drive firmware updates
- C. Replace the hard drive with a solid state drive
- D. Configure the laptop in high-performance mode
- E. Change the boot order in the system BIOS

Answer: B

NEW QUESTION 109

A technician is configuring a new web server and must have over 10TB of fault-tolerant storage, while minimizing the number of failure points. The applications on the server also require the highest performance available. Which of the following configurations would the technician MOST likely select?

- A. RAID 0 with 1500rpm 15TB drives
- B. RAID 1 with 1000rpm 8TB drives
- C. RAID 5 with 7200rpm 5TB drives
- D. RAID 10 with 5400rpm 6TB drives

Answer: D

NEW QUESTION 110

A network administrator has discovered an amber indicator light on one of the redundant PSUs of a production server that went offline. Which of the following is the FIRST step in troubleshooting this issue?

- A. Check the connectivity of the power cable.
- B. Check the battery backup system
- C. Check the power settings of the server.
- D. Check the fans of the server

Answer: B

NEW QUESTION 112

A technician is setting up a new wireless network at a branch office that previously had only wired connectivity with statically assigned IP addresses. After setting up the network, the technician configures a server to provide IP addresses to wireless clients. During testing, the technician is unable to access the Internet or named network resources. The technician receives a valid IP address from the DHCP server and can ping the default gateway.

Which of the following should be technician check NEXT to resolve this issue?

- A. Ensure the options are configured to provide a DNS server.
- B. Verify the Windows Firewall is turned off.
- C. Configure the wireless network's SSID to be hidden.
- D. Enable file and printer sharing in the OS.

Answer: A

NEW QUESTION 114

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 119

A technician needs to give users the ability to transfer files between mobile devices. The technician teaches the staff how to use a file transfer method in which the devices need to be in close proximity with line-of-sight access to each other. Which of the following technologies is the technician teaching to the staff?

- A. IR
- B. Bluetooth
- C. Tethering
- D. NFC

Answer: A

NEW QUESTION 123

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