

220-1001 Dumps

CompTIA A+ Certification Exam: Core 1

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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

A technician was called to check an unexpected clicking noise on a desktop that has become more frequent every time a video editing application is loaded. The system fans have been replaced, but the clicking noise remains. Diagnostics have been run on the video card.

Which of the following should the technician do FIRST?

- A. Replace the hard drive.
- B. Replace the video card.
- C. Do a System Restore.
- D. Perform a full data backup.
- E. Scan the system for viruses.

Answer: D

NEW QUESTION 3

Which of the following channels would commonly be used on an 802.11 wireless network?

- A. 6
- B. 17
- C. 802
- D. 8080

Answer: A

NEW QUESTION 4

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 5

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

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

Answer: A

NEW QUESTION 6

A user sets up cable modem at home and connects the modem to the ISP at the cable company. Which of the following network types does this connection describe?

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

Answer: A

NEW QUESTION 7

Joe, a user, wants his desktop RAID configured to allow the fastest speed and the most storage capacity. His desktop has three hard drives. Which of the following RAID types should a technician configure to achieve this?

- A. 1
- B. 5

C. 10

Answer: A

NEW QUESTION 8

Ann, a user, needs to attend several day-long conferences and wants to ensure her mobile device will have enough power for these events. She is concerned about wall outlet availability at the conferences and needs to continuously use her device for important updates. Which of the following should a technician recommend to BEST accommodate Ann's needs?

- A. Wireless charging pad
- B. Built-in battery case
- C. Extra charging cords
- D. Airplane mode

Answer: A

NEW QUESTION 9

A technician is troubleshooting a laptop/projector combination that is displaying artifacts on the screen. When a different laptop is connected to the projector, the image appears to be correct but is very dim. Which of the following steps should the technician take to address these issues? (Choose two.)

- A. Update the video drivers on the laptop.
- B. Increase the projector contrast.
- C. Replace the original laptop.
- D. Change the aspect ratio on the projector.
- E. Replace the bulb in the projector.
- F. Modify the laptop's display resolution.

Answer: BD

NEW QUESTION 10

A user received the following error message while trying to access a shared drive: Network Path was Not Found. Which of the following should be performed to resolve the issue? (Select TWO).

- A. Set the NIC to full duplex.
- B. Disable the local firewall.
- C. Reset the TCP/IP stack.
- D. Disable the Ethernet adapter.
- E. Use static IP addressing instead of DHCP.
- F. Flush the DNS cache.

Answer: CF

NEW QUESTION 10

A user reports being unable to print to a network-based all-in-one printer. The issue consistently appears after power outages. Which of the following should a technician perform to resolve the issue?

- A. Run Windows Update on the user's machine.
- B. Disable the firewall on the user's machine.
- C. Set a static IP address on the printer
- D. Reinstall the printer with vendor-provided drivers

Answer: C

NEW QUESTION 15

A technician wants to set up a virtual machine in a public cloud environment. Which of the following cloud models should the technician use?

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

Answer: A

NEW QUESTION 19

An administrator has configured a server to host virtualized instances. The requirements of each VM must be able to scale automatically depending on peak and off-peak usage. Which of the following terms BEST describes this type of cloud concept?

- A. Over provisioning
- B. Measured pooling
- C. Resources pooling
- D. Rapid elasticity

Answer: A

NEW QUESTION 23

Which of the following has a P4 connector to provide a 12V output?

- A. Molex connector
- B. 24-pin adapter
- C. SCSI cable
- D. eSATA cable

Answer: A

NEW QUESTION 27

Which of the following connector types is used to terminate household telephone cabling?

- A. RG-6
- B. RJ-11
- C. RJ-45
- D. RG-59

Answer: B

NEW QUESTION 29

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 33

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 37

Which of the following resources is the MOST critical when using cloud file-storage synchronization applications?

- A. Disk speed
- B. I/O bandwidth
- C. RAM utilization
- D. CPU utilization

Answer: B

NEW QUESTION 40

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 44

A customer wants to purchase a new home computer. The machine will mainly be used for internal browsing and streaming video, except on weekends when the customers' son will use it to play games with friends.

Which of the following should the technician focus on to meet these requirements?

- A. 80mm case fans
- B. Four-core processor
- C. RAID 5 array
- D. 16GB DDR2 memory
- E. Dual monitors
- F. Encrypted hard drive

Answer: BD

NEW QUESTION 46

A technician wants to block remote logins to a server. Which of the following ports should be blocked?

- A. 21
- B. 23
- C. 80
- D. 443

Answer: B

NEW QUESTION 49

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 50

Which of the following is an APIPA address?

- A. 162.200.1.1
- B. 167.100.1.1
- C. 168.254.0.1
- D. 169.254.1.1

Answer: D

NEW QUESTION 52

A technician wants the number of virtual machines hosting a web application in the public cloud environment to scale based on real-time traffic on the website.

Which of the following should the technician configure?

- A. Resource pooling
- B. Rapid elasticity
- C. Measured service
- D. High availability

Answer: B

NEW QUESTION 55

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 59

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 64

Which of the following connector types is MOST appropriate to use to connect a SOHO cable modem to the ISP?

- A. DB-9
- B. RJ-45
- C. RG-59
- D. RS-232

Answer: C

NEW QUESTION 66

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 68

A technician replaced a broken LED screen on a mobile computer. The operating system can be seen perfectly on screen, but the touch screen is non-responsive. Which of the following are the MOST probable root causes for the given failure? (Choose three.)

- A. The hardware replacement used is a non-touch-screen.
- B. The touch screen must be calibrated after a replacement.
- C. The digitizer cable is not seated properly on the motherboard.
- D. The new touch-screen drivers must be installed.
- E. The replacement part is dead-on-arrival.
- F. The LCD panel firmware must be updated.
- G. The grounding screws are not securely attached.

Answer: ACD

NEW QUESTION 72

A user wants to print a large job on both the front and back sides of the paper. Which of the following settings should the technician advise the user to change in the printer settings?

- A. Collate
- B. Orientation
- C. Duplex
- D. Transparency

Answer: C

NEW QUESTION 73

Which of the following would provide power to an access point?

- A. POE injector
- B. Switch
- C. Repeater
- D. Modern

Answer: A

NEW QUESTION 78

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

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

Answer: B

NEW QUESTION 83

Which of the following networking protocols would be BEST track packages through a sorting facility?

- A. RFID
- B. NFC
- C. Bluetooth
- D. Zigbee

Answer: D

NEW QUESTION 88

Which of the following resource types would be BEST suited to saving photographs from a mobile device with limited onboard storage?

- A. Cloud file services
- B. Virtual desktop
- C. Off-site email
- D. Resource pooling

Answer: A

NEW QUESTION 89

Which of the following ports are used for secure sessions? (Select two.)

- A. 22
- B. 23
- C. 25
- D. 80
- E. 110
- F. 443

Answer: AF

NEW QUESTION 92

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 93

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 95

Which of the following is the main purpose of the +5VSB output of a power supply?

- A. It allows peripherals to draw power when the machine is off
- B. It provides power to the audio and sound boards of the machine
- C. It acts as the main voltage supply to the motherboard and processor
- D. It powers all expansion cards and external device hubs

Answer: A

NEW QUESTION 98

The IT department recently upgrade client computer for the graphics department. A user reports the new computer has not worked since up. It , makes unusual sound when pressing the power button. A technician verifies the power cable works and the computer is connected properly to both data and power. The monitor powers on but display the message NO source. Which of the following BEST explains the cause of this problem?

- A. There is insufficient power to the computer
- B. There is back screen on system boot.
- C. The computer is overheating.
- D. The error beep codes on POST.

Answer: C

NEW QUESTION 103

During an inspection, it was found that data racks were not properly grounded. To pass the inspection and address a growing concern to protect data cabling and equipment, a technician must make sure all racks are properly grounded. Which of the following tools should the technician use to verify this has been completed?

- A. Multimeter
- B. Cable tester
- C. Tone generator
- D. Voltmeter

Answer: A

NEW QUESTION 108

A user accidentally spills liquid on a laptop. The user wants the device to be fixed and would like to know how much it will cost. Which of the following steps should the technician take NEXT to verify if the device is repairable before committing to a price? (Choose two.)

- A. Remove the case and organize the parts.
- B. Document the screw locations.
- C. Search the Internet for repair tutorials.
- D. Consult colleagues for advice.

E. Place the device in rice for a few days.

Answer: AB

NEW QUESTION 113

A technician is replacing an older video card with a new high-end video card in a workstation. The installation was successful, the new card seated properly, and power is connected. However, upon booting, the computer now emits several beeps and will not boot, but shows no error messages. Which of the following is MOST likely the cause of this issue?

- A. The BIOS is out-of-date
- B. The is not enough PSU output
- C. There is an onboard RAM mismatch
- D. GPU is overlocked
- E. The firmware is out-of-date

Answer: B

NEW QUESTION 117

A user is no longer able to browse the Internet after returning from vacation. The user is able to log in and navigate to the local intranet, but not to any outside sites. A technician pings a well-known website by name but gets no reply. The technician then pings its IP address and gets a reply. Which of the following commands will MOST likely resolve the issue?

- A. ipconfig /all
- B. ipconfig /flushdns
- C. ipconfig /release
- D. ipconfig /setclassid

Answer: B

NEW QUESTION 122

An engineer is working at a remote site that does not have Internet access. Which of the following features should the engineer use to connect a laptop to the Internet if hotspot functionality is unavailable?

- A. Tethering
- B. Near field communication
- C. Wireless LAN
- D. Virtual private network

Answer: A

NEW QUESTION 125

An administrator is configuring a virtualization workstation that will host several mission-critical VMs for the human resources department. The workstation will be required to support multiple users at once, and large amounts of data will be accessed daily. Which of the following components will BEST meet these requirements? (Select THREE).

- A. Quad-core CPU
- B. Solid-state drives
- C. Additional RAM
- D. Redundant PSUs
- E. RAID 0 array
- F. High-end GPU
- G. RAID 6 array

Answer: ACG

NEW QUESTION 127

A network administrator is attempting to access the firewall while inside the datacenter. Which of the following peripherals must be connected to do so?

- A. KVM
- B. Touchpad
- C. Mouse
- D. Keyboard

Answer: A

NEW QUESTION 128

Which of the following technologies can be used for wireless payments?

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

Answer: A

NEW QUESTION 129

An ISP has notified a SOHO user of a usage increase on the user's network. The user is concerned the WiFi network is being utilized by unauthorized users. Which of the following would minimize the unauthorized use of the WiFi network?

- A. Implement MAC filtering
- B. Enable NAT
- C. Create a network DMZ
- D. Upgrade the encryption standards

Answer: A

NEW QUESTION 133

A corporation maintains an active social media presence by constantly uploading audio and video. The corporation also regularly hosts video conferences, but attendees are reporting buffering during their telecast.

Which of the following should the IT department do to improve the ability to attend video conferences without interruption?

- A. Enable QoS on network traffic, prioritizing telecast traffic over uploads.
- B. Upgrade video conference room equipment.
- C. Create a VLAN for all employees updating social media.
- D. Adjust the network intrusion device to allow video to flow without filtering.

Answer: A

NEW QUESTION 134

A user wants to build a computer with a high-end CPU, plenty of RAM, and a high-end graphics card for online gaming. The user wants to verify that the graphics card is compatible with the motherboard. Which of the following connection types would the user MOST likely utilize to connect the video card to the motherboard?

- A. PCIe
- B. ISA
- C. AGP
- D. USB

Answer: A

NEW QUESTION 139

A technician is hired to install network cable in a crawl space running the length of a hallway. To do so without a fire code violation, which of the following types of cable should the technician run?

- A. Plenum
- B. Fiber
- C. Shielded
- D. Coaxial

Answer: A

NEW QUESTION 144

A technician is replacing the LCD panel in a laptop. Which of the following components is MOST likely to be damaged accidentally during the repair?

- A. Bezel
- B. Hinge
- C. Motherboard
- D. Digitizer

Answer: D

NEW QUESTION 147

A user has reported application connectivity problems to the network administrator. The network administrator knows there have been firewall configuration changes recently by a security vendor and believes the issue could be related to a port being closed on the firewall. Which of the following should the network administrator do NEXT?

- A. See if the same application fails on another workstation
- B. Go into the firewall and open the port
- C. Verify system functionality on the user's workstation
- D. Document the issue for future reference

Answer: C

NEW QUESTION 151

Which of the following Internet connection types often terminates at a switching center and then requires the use of a different media for the last mile to the customer?

- A. ISDN
- B. DSL
- C. Fiber
- D. Cable

Answer: B

NEW QUESTION 156

A technician is setting up RAID 5 on a server that needs to be highly available. Which of the following is the BEST option to use for the array?

- A. Hot spare drives
- B. Large capacity drives
- C. Hot swappable drives
- D. Solid state drives

Answer: D

NEW QUESTION 160

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 163

A technician is setting up a WiFi-enabled thermostat for a customer, but the customer is concerned about IoT devices getting hacked. Which of the following BEST address the customer's concerns? (Choose two.)

- A. Use the latest encryption standard on the wireless network and set a strong password.
- B. Enable two-factor authentication for the IoT device's cloud account, if it is available.
- C. Separate the IoT thermostat by segregating it in a DMZ network.
- D. Disable wireless access on the thermostat to make it unshakable.
- E. Upgrade the customer's router to the latest version to improve network security.
- F. Upgrade the customer's wireless network encryption to WPA.

Answer: AC

NEW QUESTION 166

A user purchases a wireless printer and sets it up in an office. The user installs all necessary software for the printer on the computer and connects the printer to the guest wireless network. However, when the user attempts to print to the printer, nothing happens. Which of the following will resolve the issue?

- A. Set up the user's computer to act as a print server.
- B. Configure the printer to use the Internet printing protocol.
- C. Ensure the user's computer is set to DHCP.
- D. Connect the printer to the company wireless network.

Answer: D

NEW QUESTION 167

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 168

Company management wants to give users the ability to work from home during periods of bad weather. Which of the following would enable the workforce to do this?

- A. NAT
- B. VLAN
- C. VPN
- D. HIPS

Answer: C

NEW QUESTION 169

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 173

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 178

A customer has two 8GB sticks of 2400-speed DDR4 installed in slots 1 and 2 of a computer and wants to add more RAM. The customer purchases two additional 4GB sticks of 3200-speed DDR4 and installs them in slots 3 and 4. While installing the RAM into the board, the user notices the board has "quad channel" etched near the RAM slots.

Which of the following can be said about the user's channel configuration after upgrading the RAM?

- A. The computer is utilizing one channel.
- B. The computer is utilizing two channels.
- C. The computer is utilizing three channels.
- D. The computer is utilizing four channels.

Answer: D

NEW QUESTION 183

Multiple users report that the network printer, which is connected through the print server, is not printing. Which of the following should a technician do FIRST to remedy this situation?

- A. Replace the USB cable.
- B. Reinstall the drivers on users' PCs.
- C. have users restart their PCs.
- D. Clear the print queue.

Answer: D

NEW QUESTION 184

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 188

A technician is troubleshooting network connectivity issues after a new wireless router was installed in an office. Users who connect to the new router are unable to access LAN resources. Which of the following is the MOST likely cause of the issue?

- A. There are conflicting DHCP servers on the network
- B. There are conflicting ARP records
- C. There are conflicting gateways on the network
- D. There are conflicting IP protocols

Answer: A

NEW QUESTION 190

A technician has been informed that multiple users are receiving duplicate IP address warnings on their workstations, and they are unable to browse the Internet. Which of the following server types should the technician log in to in order to resolve the problem?

- A. DNS server
- B. DHCP server.
- C. Proxy server
- D. RADIUS server

Answer: B

NEW QUESTION 194

The corporate office has mandated that all documents must be electronically signed and encrypted with a certificate in order to be stored on the network. The IT department has been asked to ensure the proper file format is used to accomplish this task. Which of the following would satisfy the requirement?

- A. Print to PDF
- B. Print to file
- C. Print to image
- D. Print to XPS

Answer: A

NEW QUESTION 199

Joe, a user, has purchased a new mobile device that uses a different OS than his previous one. Joe wants to copy his contacts and appointments from his corporate account without entering them manually.

Which of the following would be the BEST way for a technician to assist Joe?

- A. Log into the same email provider on the new device, and restore the contacts and dates.
- B. Create a Bluetooth connection between Joe's devices, and copy his contacts and calendar.
- C. Back up the old mobile device to a PC, and import the contacts and schedule from the PC.
- D. Use NFC to transfer all compatible data from one device to the other.

Answer: A

NEW QUESTION 204

Joe, a user, reports that his new smart wearable device is not synchronizing to his mobile device. Both devices are powered on, but the mobile device fails to read the data from the wearable. Which of the following will MOST likely fix this issue?

- A. Pair the devices
- B. Set the SSID
- C. Update the smart wearable device firmware
- D. Enable NFC

Answer: A

NEW QUESTION 206

A technician is troubleshooting a flickering screen on a laptop. After reseating the video cable and replacing the whole screen, the flickering issue remains the same. Which of the following steps should the technician take to try to isolate and fix the screen flickering issue prior to replacing the screen? (Select TWO).

- A. Update all device drivers on the computer
- B. Uninstall video-related programs, even the ones not running
- C. Update chipset and video drivers
- D. Configure the laptop to work on a high-performance state
- E. Flash the GPU RAM
- F. Check the behavior on an external monitor

Answer: AD

NEW QUESTION 210

An employee's mobile device no longer charges, and the employee believes the battery is bad. A technician tests the mobile device and finds it will charge on a wireless charging pad but not when it is connected to a charging cable. Other devices charge without issue when the cable is used. Which of the following should the technician perform FIRST to resolve the issue?

- A. Clean out the charging port on the device
- B. Replace the mobile device's battery
- C. Issue a new charging cable to the employee
- D. Send the device for service and give the employee a loaner

Answer: A

NEW QUESTION 211

Which of the following devices is used to implement network security policies for an environment?

- A. Firewall
- B. managed switch
- C. Repeater
- D. Gateway

Answer: A

NEW QUESTION 213

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 216

A user's smartphone has been slow recently. A technician sees the phone was purchased two months ago, and it is top of the line. About a month ago, a new OS update was installed. To address the issue, the technician runs a hardware diagnostic on the device, and it reports no problems. Which of the following is MOST likely the cause of the performance issue on the device?

- A. Too many applications are running updates
- B. The device is currently running in airplane mode
- C. The internal memory is failing on the device
- D. The OS update is too resource intensive for the device

Answer: A

NEW QUESTION 221

A technician needs to routinely run scripting commands in Linux but does not want to walk over the server room every time to perform the task. The technician also travels between buildings and has a Windows 10 laptop with 4GB of memory and a fully partitioned 500GB hard drive. Which of the following steps should the technician take to resolve this issue? (Choose two.)

- A. Increase the memory to 8GB.
- B. Install a Linux guest VM.
- C. Add another 500GB hard drive.
- D. Create a Linux LiveBoot CD.
- E. Repartition the hard drive.
- F. Install Linux on a new ext3 partition.

Answer: EF

NEW QUESTION 222

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 227

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

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

Answer: B

NEW QUESTION 231

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 232

A technician is troubleshooting a WiFi issues with a laptop user in a corporate office. The user can connect to web pages without trouble; however, the user cannot connect to the email server or print a locally stored document to the network printer. The technician cannot ping the mail server or the network printer. No other users are experiencing this issue. Which of the following is MOST likely causing the issue?

- A. The laptop has an APIPA address
- B. The laptop is configured to the wrong default gateway
- C. The laptop is connected to the guest WiFi
- D. The laptop is configured with a static IP

Answer: C

NEW QUESTION 237

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 240

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 245

A small business owner with a limited budget wants to host a company website and ERP applications in the cloud. Which of the following would be the BEST cloud model to accomplish this task?

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

Answer: C

NEW QUESTION 247

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 249

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 251

A user reports that printing on heavy cardstock paper results in the image smearing if touched. When printing on plain paper, the problem does not occur. Which of the following would be the NEXT troubleshooting step to perform?

- A. Increase the fuser temperature.
- B. Change the paper feed rate.
- C. Clean the transfer roller.
- D. Replace the toner cartridge.

Answer: A

NEW QUESTION 255

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 260

A customer reports being unable to access email on desktop workstation, however, other office application are working. A technician determines the computer has an IP address of 169.254.1.10. The technician learns from the customer that the computer recently was moved across the room. Which of the following troubleshooting steps should technician take NEXT?

- A. Check the default gateway
- B. Verify physical Ethernet connections
- C. Test web browser functional
- D. Restrict the computer
- E. Resolve the IP address conflict

Answer: E

NEW QUESTION 263

Which of the following is considered a connection-oriented protocol?

- A. UDP
- B. TCP
- C. SSH
- D. HTTP

Answer: B

NEW QUESTION 268

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