

## 220-1001 Dumps

### CompTIA A+ Certification Exam: Core 1

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**NEW QUESTION 1**

A systems administrator receives a notification from the RAID controller that the RAID 5 array is degraded. Upon logging into the server, the administrator sees that on local disk 0, physical disk 2 has failed. Which of the following is the BEST course of action to take to resolve the problem?

- A. Schedule system downtime and replace physical disk 2. Wait until the array is rebuilt and confirm in the RAID controller that the system is no longer degraded.
- B. Immediately replace physical disk 2. Wait until the arrays is rebuilt and confirm in the RAID controller that the system is no longer degraded.
- C. Delete logical disk 0 and manually configure a new RAID array only using the known-good working drive
- D. Wait until the array is rebuilt and confirm in the RAID controller that the system is no longer degraded.
- E. In the controller, convert the RAID 5 array to RAID 0 array to avoid system downtim
- F. Wait until the array is rebuilt and confirm in the RAID controller that the system is no longer degraded.

**Answer:** A

**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 me 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 terminates a coaxial cable?

- A. DB9
- B. RJ45
- C. RG-59
- D. RS-232

**Answer:** C

**NEW QUESTION 4**

A technician has noticed that when at company headquarters the laptop connection to the Internet is more responsive than when using the company-provided phone as a hotspot. The technician updated the drivers on the WiFi NIC without resolution and then verified the configuration on the WiFi was correct. Which of the following configurations could cause the decreased performance?

- A. The connection if throttled.
- B. There is a low RFID signal.
- C. SSID is not found.
- D. It is out of range.

**Answer:** A

**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 modern

**Answer:** A

**NEW QUESTION 6**

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 7**

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 8**

Which of the following resources in 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 9**

A customer accidentally drops a laptop while it is charging. The next day, the customer notices the laptop will not turn on and calls a technician to investigate. The technician confirms the laptop will not turn on and calls a technician to investigate. The technician confirms the laptop will not turn on even though it is connected to the power adapter.

Which of the following components is the MOST likely cause of this behavior?

- A. Power adapter
- B. Battery
- C. DC jack
- D. Hard drive

**Answer:** C

**NEW QUESTION 10**

A customer's laptop display has suddenly become very dim. The image of the display can only be seen with a bright, external light, as adjusting the brightness/contracts controls does not cause much change.

Which of the following components MOST likely needs to be replaced?

- A. LCD panel
- B. Inverter
- C. Video card
- D. Digitizer

**Answer:** B

**NEW QUESTION 10**

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

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

**Answer:** A

**NEW QUESTION 11**

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 13**

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 16**

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 17

A technician manually configured the wireless connection on the Chief Information Officer's (CIO's) new laptop so it can communicate with the network at the office. The CIO now is having trouble connecting to a guest WiFi hotspot. While the device has a gateway address and says it is connected, the CIO cannot access company email. Which of the following would BEST resolve the issue?

- A. Move the CIO's laptop closer to the access point to obtain a better RF signal
- B. Restart the wireless connection to obtain a self-assigned APIPA address
- C. Assign a different IP address to the device in conflict with the CIO's laptop
- D. Set the network connection to use DHCP instead of a static address
- E. Change the network's SSID to a mobile hotspot to access company email

**Answer:** D

#### NEW QUESTION 21

The IT department recently upgraded 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 displays 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 24

A technician is ordering a new motherboard and processors for a company email server. When reviewing the vendor licensing agreement, the technician sees that there is a flat per-socket licensing fee.

Which of the following motherboard/processor combinations should the technician order to get the BEST performance while minimizing licensing fees?

- A. A dual-processor motherboard with six hyper-threaded cores each.
- B. A single-processor motherboard with hyper-threaded eight cores.
- C. A dual-processor motherboard with eight overclocked cores each.
- D. A single-processor motherboard with ten overclocked cores.

**Answer:** D

#### NEW QUESTION 28

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

**Answer:** B

#### NEW QUESTION 33

A technician has been asked to fix a problem with a projector. The projector lamp turns off for brief periods during a demonstration. After the technician replaced the lamp, the problem continued with an added message that appears just before the lamp turns off. Which of the following MOST likely need to be performed? (Choose two.)

- A. Reset the lamp life counter
- B. Replace the cooling fan
- C. Adjust the brightness
- D. Update the laptop video driver
- E. Install a higher lumen lamp
- F. Change the video resolution

**Answer:** AB

#### NEW QUESTION 36

Following a recent malware infection, a user is unable to access network shares from the local server. A technician verifies the device is able to connect to the Internet and the hosted email provider off-site. The technician also confirms the local server is online. Additionally, a malware scanner reports the user's computer is clean. Which of the following is the best NEXT step to troubleshoot the issue?

- A. Verify the DNS servers are configured properly on the device.
- B. Assign a static IP address on the wired network connection
- C. Run a speed test on the network to check for slow transfer speeds
- D. Confirm the network connection is not using a link-local address
- E. Replace the Ethernet cable as it is causing limited connectivity

**Answer:** C

#### NEW QUESTION 40

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

A business owner wants to provide security to laptop users with the ability to charge their devices, access corporate LAN resources, and allow for a variety of their removable hardware.

Which of the following devices would BEST meet the owner's needs?

- A. Docking station
- B. Port replicator
- C. Thunderbolt
- D. USB hub

**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

Joe, a user, recently purchased a new multifunction printer and attempted to install it himself. He informed a technician that the printer is on his list of printers, but he is unable to print. The technician sees that the printer is listed as a generic printer under Devices and Printers. Which of the following should the technician do NEXT?

- A. Reboot the computer into safe mode and try to print a test page
- B. Download the correct drivers from the manufacturer's website and install them
- C. Unplug the USB cable from the printer and try another USB slot on the PC
- D. Set the printer as the default within the device properties

**Answer:** B

#### NEW QUESTION 53

A user reports that a laptop is not connecting to the corporate wireless network. A technician confirms a with a smartphone that the corporate wireless network is available and can be accessed. the technician observes that the Ethernet connection to the corporate network is working. The technician disconnects the Ethernet cable.

Which of the following should the technician do NEXT to troubleshoot this problem?

- A. Confirm that the laptop wireless card is turned on.
- B. Confirm that the laptop is in range for the access point.
- C. Confirm that the correct wireless network is selected.
- D. Confirm the user's network login ID and password.

**Answer:** A

#### NEW QUESTION 54

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 57

Joe, a user, sets up an IMAP connection on his smartphone to connect to webmail. Joe is able to view email, but he receives an error message when trying to send a message. When viewing the mail client's configuration, Joe sees a valid SMTP server and port. Which of the following should Joe check NEXT to resolve the issue?

- A. Configure the email account as a POP3 connection
- B. Ensure the SSL/TLS option is being used
- C. Check that the account password is still valid
- D. Make sure the smartphone is not in airplane mode

**Answer:** A

#### NEW QUESTION 62

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 63

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 64

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 69

A technician was asked to virtualize four existing PCs before decommissioning them. The resulting VMs are imported into a new VM workstation running a hypervisor on top of an OS. Three of the VMs are running properly, but the entire system locks up when trying to start the fourth VM. Which of the following should the technician have reviewed prior to creating the VMs to prevent this from occurring? (Select TWO)

- A. Hypervisor requirements
- B. Storage requirements
- C. Resource requirements
- D. Network requirements
- E. Backup requirements
- F. Security requirements

**Answer:** AF

#### NEW QUESTION 72

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 77



A company is using a high-speed impact printer to create invoices on multi-layer forms. The printing on the top copy looks OK, but the lower copies are almost unreadable. Which of the following parts is MOST likely causing the problem?

- A. Print head
- B. Ribbon
- C. Pickup rollers
- D. Tractor feed

**Answer:** A

#### NEW QUESTION 79

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 82

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 86

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

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

**Answer:** B

#### NEW QUESTION 88

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 91

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 96

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 99**

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 101**

A network administrator is troubleshooting a notebook that is not loading the local Windows 10 operating system. All the computers inside the company are installed using UEFI mode selected. The message on the screen shows a failed attempt to connect to a PXE server. When requested, the end user reported trying to improve the computer's speed by changing some BIOS configurations randomly. Which of the following should the network administrator check FIRST inside BIOS?

- A. C-states should be configured to 2
- B. Secure Boot should be enabled
- C. Wake-on-LAN should be unchecked
- D. The PXE server address should be set

**Answer:** D

#### **NEW QUESTION 102**

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

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

**Answer:** B

#### **NEW QUESTION 105**

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