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
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 3
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 4
Which of the following terminates a coaxial cable?

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

Answer: C

NEW QUESTION 5
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 6
The feature that allows users to store files in cloud-based when necessary, but can removed when space is freed up, is known as:

A. on-demand
B. resource pool
C. synchronization application
D. shared resources

Answer: A

NEW QUESTION 7
The graphics has an issue with printing certain files. The printer does not print the complete image on larger files. A technician verifies the network speed of the

printer is set to 1GB and that regular text files print without issue. Which of the following is the MOST likely cause of this problem?

A. The printer needs more RAM
B. The print server is timing out
C. The users are not printing in post-script mode
D. The printer network connection is set to half duplex

Answer: A

NEW QUESTION 8
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 9
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
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 10
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 11
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 12
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 17
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 21
Some users are unable to access the Internet form their workstations. A technician runs the ipconfig command on one of the workstations and sees the following:

```
IPv4 address 192.168.1.27
Subnet mask 255.255.255.0
Default gateway 192.168.1.1
```

The technician pings 8.8.8.8 and gets no response. Next, the technician pings 192.168.1.1 and gets no response. The technician is able to successfully ping an adjacent workstation but cannot ping the print server on the floor below. Which of the following is the MOST likely cause of the Internet connectivity issue in the office?

A. There is a problem with a router in the office
B. There is a problem with a DNS server in the office
C. The users are not getting correct IP addresses from the DHCP server
D. The wireless access point in the area is down

Answer: A

NEW QUESTION 23
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 26
Which of the following adapters may suffer signal degradation or data loss due to conversion?

A. DVI to HDMI
B. HDMI to DisplayPort
C. USB to Ethernet
D. DVI-D to VGA

Answer: D

NEW QUESTION 30
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 35
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 37

A technician is upgrading a user's smartphone and wants to move all of the applications and contact information quickly to the new device.
Which of the following connection types would work BEST to do this?

A. NFC
B. IR
C. OTG
D. Bluetooth

Answer: A

NEW QUESTION 42
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 43
A customer contacts the help disk stating a laptop does not remain charged for more than 30 minutes and will not charge more than 15%. Which of the following components are the MOST likely causes the issue? (Select three.)

A. LCD power inverter
B. AC adapter
C. Battery
D. Processor
E. VGA card
F. Motherboard
G. Backlit keyboard
H. Wireless antenna

Answer: ACF

NEW QUESTION 48
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 49
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 51
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 54
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 57
A technician is configuring a high-performance workstation. The technician needs to choose storage for the boot drive with the highest performance possible.
Which of the following drive types BEST meets this requirement?

A. MicroSD
B. 15K rpm
C. NVMe
D. USB flash

Answer: C

NEW QUESTION 59
Which of the following Ethernet cables would BEST support an application that requires a 600 Mbps throughput at the lowest price point?

A. Cat 3
B. Cat 5
C. Cat 5e
D. Cat 6

Answer: C

NEW QUESTION 63
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 66
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 69
A SOHO user wants a multifunction device to be set up for the office printer. Additionally, scanning and fax capability must be set up for office employees only.
Guest WiFi access will open.
Which of the following configuration changes will BEST meet the user's request? (Choose two.)

A. Enable user authentication.
B. Disable remote printing.
C. Configure the print server.
D. Enable cloud settings.
E. Disable the wireless network.
F. Connect to a wired network.

Answer: AC

NEW QUESTION 73
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 77

A technician is dispatched to troubleshoot a slow performance issue on a PC. Upon arrival, the technician immediately opens Task Manager and sees that CPU and RAM performance are within normal ranges. The technician then checks and verifies the speed and duplex settings and performance on the network card. The technician then temporarily disables the antivirus to see if performance is affected, and it is not. After
re-enabling the antivirus, which of the following is the NEXT best stop for the technician to take?

A. Check to see if insufficient hard drive space is causing the issue
B. Update the operating system, drivers, and firmware on the PC
C. Log into the PC with another user profile and test performance
D. Shut down the PC, unplug the power for 30 seconds, and then boot the PC

Answer: A

NEW QUESTION 80
A user is experiencing email problems and explains to a technician that all emails with graphics or images do not display the graphics.
Which of the following configurations would correct this behavior?

A. Change the email settings in antivirus.
B. Change the security settings of the email client.
C. Change the firewall security settings.
D. Change the email proxy settings.
E. Change the trusted sites in the browser settings.

Answer: B

NEW QUESTION 83
Company management wants to be able to give users the ability to work remotely during periods of bad weather. Which of the following should be enabled to allow the workforce to do this?

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

Answer: C

NEW QUESTION 86
In a virtual environment, which of the following allows all the VMs to have RAM allocated for use?

A. Resource pooling
B. Measured service
C. Virtual application streaming
D. Synchronization

Answer: A

NEW QUESTION 87
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 91
Drag each mobile technology to the description of its use. Some answers will not be used.

Description	Wireless technology
Devices use haptic confirmation for sharing data wirelessly.	NFC
Devices are paired using a code for sharing data wirelessly.	Hotspot
Devices are placed in close proximity within line of sight for sharing data wirelessly.	IR
Devices are connected via a wire for sharing data or connectivity.	Tethering
	Bluetooth
	Cellular
	Lightning

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 – IR
2 – Bluetooth
3 – NFC
4 – Tethering

NEW QUESTION 92
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 95
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 99
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 scar 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 103
A user printed several documents to a shared network copier and noticed that they have very faint color density. A technician investigates the issue and verifies that the printer had a maintenance kit installed recently. Which of the following next steps will MOST likely resolve the issue? (Select two.)

A. Replace the toner cartridges
B. Replace the fuser module
C. Clean the paper tray rollers
D. Adjust the printer settings
E. Replace the developer
F. Empty the waste toner bottlers

Answer: AC

NEW QUESTION 108
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 112
Which of the following devices performs forwarding decisions based on MAC addresses?

A. Switch
B. Router
C. Hub
D. Repeater

Answer: A

NEW QUESTION 114
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 117
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 119
An associate is seeking advice on which device to purchase for a friend who is a business owner. The friend needs the ability to chat activity while keeping in contact with the home office.
Which of the following would be the BEST recommendation?

A. Smart watch
B. Fitness monitor
C. Global positioning sensor
D. Portable hotspot

Answer: A

NEW QUESTION 120
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 124
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 126
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 130
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 134
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 139
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 property, 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 141
About one week ago, access to files on a network server became significantly slower. Today, network files are completely unavailable. A technician is able to make a remote connection to the server. Which of the following should the technician check NEXT?

A. RAID 5 array
B. NIC configuration
C. Available storage space
D. RAM utilization

Answer: A

NEW QUESTION 146
The cloud model that represents a company maintaining some data in on-premise storage and some data in cloud-based storage is known as:

A. hybrid
B. private
C. public
D. community

Answer: A

NEW QUESTION 150
A client has three locations within city limits that need to be networked. Vendor network requirements for all three locations are a minimum of 1GB.
Which of the following are the types of networks that will MOST likely be used for internal office and office-to-office networking? (Choose two.)

A. MAN
B. LAN
C. WAN
D. PAN
E. SAN
F. WLAN

Answer: AB

NEW QUESTION 153
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 155
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 157
A user states the department laser printer continues to display a paper jam error message despite the jam being cleared. Which of the following should a technician do to troubleshoot this problem?

A. Check the paper path for blocked sensors
B. Replace the duplex assembly
C. Run the printer's internal diagnostics
D. Verify the pickup rollers are in working order

Answer: A

NEW QUESTION 159
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 163
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 164
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 then 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 169
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 173
A technician needs to call a user's cellular provider to troubleshoot a network speed issue with the user's mobile device. Which of the following technologies is the technician troubleshooting?

A. Long-term evolution
B. Near-field communication
C. Radio frequency ID
D. Z-wave

Answer: A

NEW QUESTION 175
Users report they have to select the output tray at the printer, even though the correct tray is selected in the print dialog.
Which of the following should a technician perform FIRST to attempt to solve the problem?

A. Check the user's account for the correct printing privileges.
B. Reinstall the driver on the print server.
C. Update the firmware on the commercial office printer.
D. Run Windows Update on the affected computers.

Answer: B

NEW QUESTION 176
Virtual machines hosted in the cloud that are used by developers to code applications are an example of:

A. FaaS
B. BaaS
C. PaaS
D. SaaS
E. IaaS

Answer: C

NEW QUESTION 179
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 183

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 188
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 189
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 poor 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 194
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 195
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 200
A server needs a RAM upgrade, and a technician has been tasked with retrieving the RAM from storage and then installing it.
Whish of the following is the BEST RAM type for the technician to retrieve?

A. SoDIMM
B. DDR4
C. Single channel
D. ECC

Answer: B

NEW QUESTION 204
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 208
Which of the following cloud computing concepts facilities automated server deployment?

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

Answer: B

NEW QUESTION 211
A user reports being unable to browse the Internet. A technician believes the cause of the issue is related to DNS.
Which of the following should the technician perform NEXT?

A. Test the theory by attempting to browse to a website's known IP address.
B. Implement preventive measures by manually assigning a DNS server to the PC.
C. Identify the problem by running the command ipconfig /flushdns.
D. Document the findings in the organization's local knowledge base.

Answer: A

NEW QUESTION 215
Which of the following services provides the ability to resolve UNC to appropriate IP addresses?

A. DNS
B. DHCP
C. Proxy
D. Web server

Answer: A

NEW QUESTION 219
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 221
Laura, a customer, has instructed you to configure her home office wireless access point.
She plans to use the wireless network for finances and has requested that the network be setup with the highest encryption possible.
Additionally, Laura knows that her neighbors have wireless networks and wants to ensure that her network is not being interfered with by the other networks.
She requests that the default settings be changed to the following. Wireless Name: HomeWiFi
Shared Key: CompTIA Router Password: Secure$1
Finally, Laura wants to ensure that only her laptop and Smartphone can connect to the network. Laptop: IP Address 192.168.1.100
Hardware Address: 00:0A:BF:03:C4:54 Smartphone: IP Address 192.168.1.101 Hardware Address: 09:2C:D0:22:3F:11 INSTRUCTIONS
Configure Laura's wireless network using the network adapter window.
If at any time you would like to bring back the initial state of the situation, please click the Reset All button.

Laura's Wireless Configuration

WIRELESS SETUP   **NETWORK FILTER**   **ADMINISTRATOR TOOLS**

Wireless Network Settings

Enable Wireless: ☑

Wireless Network Name: HomeWiFi   (Also called the SSID)

Wireless Channel: 1

Disable SSID Broadcast: ☐

802.11g Only Mode: ☐

Wireless Security Mode

Security Mode: Enable WPA2 Wireless Security (enhanced)

WPA2

Passphrase: CompTIA

Confirmed Passphrase: CompTIA

Laura's House

Wireless Network Name: Default
Security Mode: Open
Wireless Channel: 11

Wireless Network Name: MyWi
Security Mode: WEP
Wireless Channel: 6

Wireless Network Name: PatsWiFi
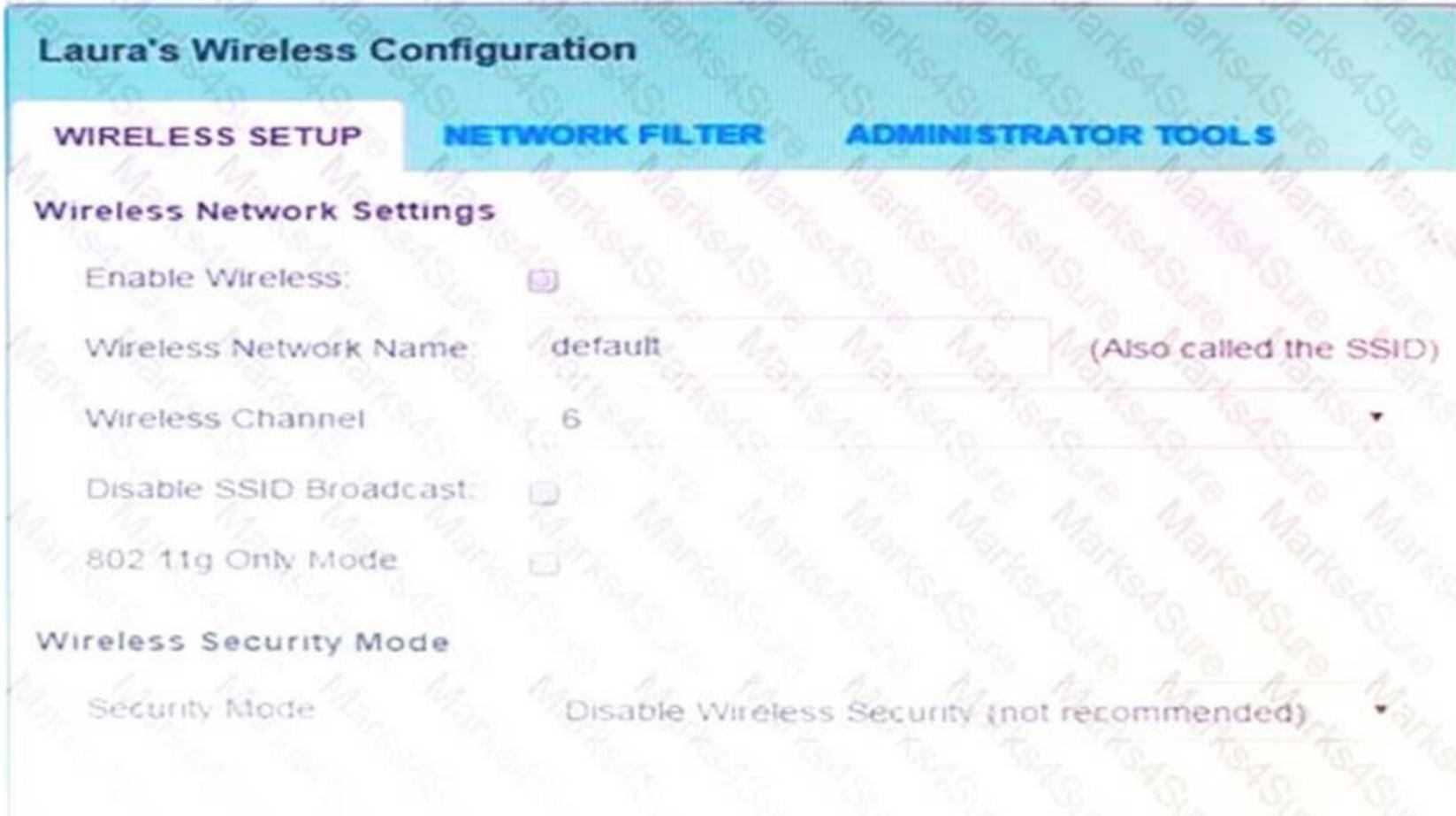Security Mode: WEP
Wireless Channel: 11

Laura's Wireless Configuration

WIRELESS SETUP   **NETWORK FILTER**   **ADMINISTRATOR TOOLS**

Please enter the same password into both boxes for confirmation.

Password

Verify Password

Laura's Wireless Configuration

| WIRELESS SETUP | NETWORK FILTER | ADMINISTRATOR TOOLS |

Wireless Network Settings

Enable Wireless:

Wireless Network Name: default   (Also called the SSID)

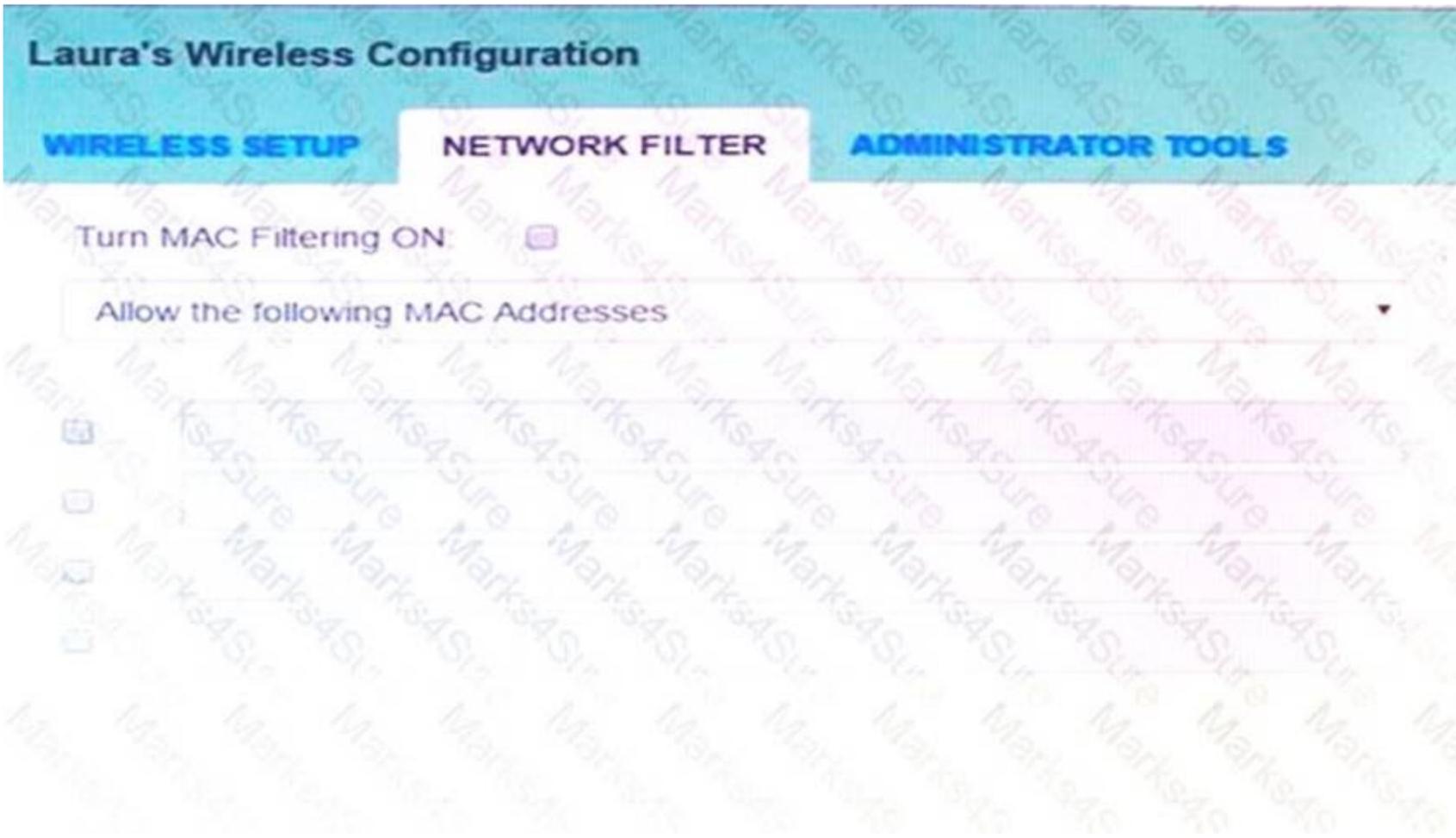Wireless Channel   6   ▼

Disable SSID Broadcast:

802 11g Only Mode

Wireless Security Mode

Security Mode   Disable Wireless Security (not recommended)   ▼

Laura's Wireless Configuration

| WIRELESS SETUP | NETWORK FILTER | ADMINISTRATOR TOOLS |

Turn MAC Filtering ON:

Allow the following MAC Addresses   ▼

A. Mastered
B. Not Mastered

Answer: A

Explanation:
See the explanation below

Wireless Configuration ✕

| Wireless Setup | Network Filter | Administrator Tools |

WIRELESS NETWORK SETTINGS:

Enable Wireless: ☑

Wireless Network Name: HomeWiFi   (Also called the SSID)

Wireless Channel: 1 ▼

Disable SSID Broadcast: ☐

802.11g Only Mode: ☐

WIRELESS SECURITY MODE:

Security Mode: Enable WPA2 Wireless Security (enhanced) ▼

WPA2:

Passphrase: CompTIA

Confirmed Passphrase: CompTIA

Save Settings

Wireless Configuration

Wireless Setup	Network Filter	Administrator Tools

☑ Turn MAC Filtering ON

Allow the following MAC Addresses ▼

MAC Address

☑ 00:0A:BF:03:C4:54

☑ 09:2C:D0:22:3F:11

☐

☐

Save Settings

Wireless Configuration

Wireless Setup	Network Filter	Administrator Tools

ADMIN PASSWORD

Please enter the same password into both boxes for confirmation.

Password: Secure$1

Verify Password: Secure$1

Save Settings

NEW QUESTION 222

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. laaS
C. PaaS
D. SaaS

Answer: C

NEW QUESTION 226

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 230

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 235

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 237

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 241

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 243

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