CompTIA

Exam Questions 220-1101

CompTIA A+ Certification Exam: Core 1

NEW QUESTION 1
A technician powers on a PC and its monitor and sees the following error message: No input signal detected
The display lights on the computer are on. Which of the following is a possible solution?

A. Changing the BIOS settings
B. Changing the connector setting on the monitor
C. Checking the power plug on the monitor
D. Checking the power plug on the PC

Answer: B

NEW QUESTION 2
A desktop support technician is tasked with upgrading a laptop so that it has the fastest data access possible. Which of the following BEST satisfies this requirement?

A. mSATASSD
B. M.2NVMeSSD
C. 2.5SATASSD
D. 2.5SASHHD

Answer: B

NEW QUESTION 3
A user who works with sensitive data has a computer configured with hard drive encryption The TPM is active and hosting the encrypted key. After an upgrade to the motherboard. RAM and video card the hard drive is not booting and data cannot be accessed from the hard drive. Which of the following should the technician do to enable the system to boot again and get access to the stored data?

A. Use data recovery software to find and recover the hard drive information
B. Access the BIOS and select to rebuild the degraded RAID array
C. Boot into the BIOS and enable the TPM on the new motherboard.
D. Return the replaced motherboard back to the computer

Answer: A

NEW QUESTION 4
A thermal punier that is used 10 print order buckets m a factory has been experiencing Issues following the failure of the alt conditioner during the summer. Each ticket has blank spots or is missing text. Which of the following would MOST likely solve these Issues?

A. Restore function to the air conditioner.
B. Clean the heating element.
C. Replace the paper rolls.
D. Install new toner.

Answer: D

NEW QUESTION 5
A company has a dot matrix printer that uses carbon paper. The company reports that the first page is printing too light, although the following pages are still legible. Which of the following MOST likely needs to be fixed?

A. The print drum is worn and loose causing the printing to be light in places
B. The ribbon is low on ink or missing and must be replaced to get proper output
C. The heating element has failed, and a new one needs to be installed for proper transfer
D. The wrong type of filement is loaded, preventing it from sticking correctly
E. The fuser assembly is not calibrated properly, causing it to impact the paper too hard

Answer: B

Explanation:
Dot Matrix printers do not use heat, they use a pin striking an inked ribbon (for the first copy, the subsequent copies are handled by the carbon paper)

NEW QUESTION 6
An IT manager is requesting that the company buy new cables to be used with F-type connectors that are already in house. Which of the following cables should the company buy?

A. Coaxial out
B. Plenum
C. Cat 5e
D. Fiber

Answer: A

NEW QUESTION 7
A technician is adding one more line at the demarcation point. Which of the following tools would be MOST useful to accomplish this task?

A. Toner
B. Punchdown
C. Network tap
D. Crimper

Answer: B

Explanation:
Punchdown tools are used to connect wires to keystone jacks, patch panels and other communication hardware. When adding a new line at the demarcation point, a technician would use a punchdown tool to punch the wire into the keystone jack or patch panel, completing the connection.

NEW QUESTION 8
A technician unboxed a new computer, plugged it in to a UPS. and connected the requested peripherals. The computer lights and fans turn on, but the technician hears three loud, consecutive beeps during boot. Which of the following actions will remediate the issue?

A. Replacing the power supply
B. Replacing the UPS
C. Changing the CMOS battery
D. Reseating the RAM

Answer: D

Explanation:
Three beeps indicate a "base memory read/write test error". Check out "beep codes" for more information. https://en.wikipedia.org/wiki/Power-on_self-test#POST_beep_codes_on_CompTIA_A.2B_certification_exam

NEW QUESTION 9
An administrator is configuring a corporate-owned smartphone for a new manager. The company requires the ability to wipe the phone's data remotely in the event of loss or theft and the capability to approve applications installed on the phone. Which of the following tools would BEST meet this need?

A. Tethering to a corporate-owned laptop
B. WPA2-Enterpise wireless
C. Corporate enterprise email
D. Mobile device management

Answer: D

NEW QUESTION 10
A customer is using a satellite internet connection that is experiencing slowness. A technician notices high latency while pinging, but the download test is performing perfectly with very good download speeds. Which of the following represents the NEXT action the technician should perform?

A. Restart the modem and run an online internet connection and speed diagnostic tool.
B. Guide the customer on how to upgrade the internet plan with the provider in order to improve latency.
C. Explain to the customer this is not an issue; this situation is normal for this type of internet connection.
D. Replace the modem because it is not working correctly based on the test result.

Answer: A

NEW QUESTION 10
A software developer used client-side virtualization on a server to configure a web application. Although the application is working locally on the software developer's PC, other users on the LAN are not able to access the application. Which of the following would allow other users to access the application?

A. Bridge networking
B. Application virtualization
C. Virtual desktop
D. Site-to-site VPN

Answer: A

Explanation:
Client-side virtualization is used to run an application or process on a separate virtual machine, isolated from the main operating system. To allow other users on the LAN to access the application, the software developer should configure a bridge networking connection between the virtual machine and the LAN. This will allow the virtual machine to communicate with other computers on the network. Application virtualization, virtual desktop, and site-to-site VPN are not necessary steps for allowing other users to access the application.

NEW QUESTION 13
While implementing a non-carrier-grade wireless backhaul, a technician notices the current channel selection is externally polluted with various RF signals. Upon performing a spectral analysis, the technician discovers a channel containing almost no RF pollution. Unfortunately, the technician is unable to select that channel. Which of the following is the MOST likely reason for this issue?

A. The channel is reserved for licensed band use.
B. The channel selection is defective, contact the manufacturer.
C. The channel must be unblocked by the vendor.
D. The device requires a firmware update to unlock the channel.

Answer: A

Explanation:
The 2. band is subdivided into up to 14 channels, spaced at 5 MHz intervals from 2412 MHz up to 2484 MHz. Wi-Fi requires bandwidth of approximately 20 MHz, not 5 MHz. Consequently, a site designer needs to choose the channels that do not overlap. On a WLAN where only the first 11 channels are available, channels 1, 6, and 11 can be selected as non-overlapping. Note: In the Americas, regulations permit the use of channels 1-11 only, while in Europe, channels 1-13 are permitted. In Japan, all 14 channels are permitted.

NEW QUESTION 14
A company wants to give third-party developers access to the corporate network through desktop environments that the company can control. Which of the following can BEST achieve these requirements?

A. Sandbox
B. VDI
C. Private cloud
D. Saas

Answer: B

Explanation:
VDI is a technology that allows a company to provide desktop environments to third-party developers while still maintaining control over the corporate network. VDI creates virtual desktops on a remote server, and each user gets their own desktop environment that is isolated from the other users. This allows the company to maintain control over the corporate network, as the virtual desktops are not directly connected to the corporate network.

NEW QUESTION 18
Which of the following commonly uses NFC?

A. Contactless payments
B. IoT devices
C. Inventory tracking
D. Tethering

Answer: C

NEW QUESTION 20
A technician is working on a critical warehouse machine that will not turn on. The technician has determined the power supply for the machine failed. The warehouse manager is looking for a solution that will prevent downtime in the future. Which of the following devices should the technician install to meet this requirement?

A. Grounded power supply
B. Modular power supply
C. 220V power supply
D. Redundant power supply

Answer: D

Explanation:
A redundant power supply is a device that provides two or more power supplies connected in parallel so that when one fails, the other one will take over to ensure continuous power. This is ideal for critical warehouse machines that require a reliable power source and are at risk of downtime in the event of a power failure. Installing a redundant power supply will help to reduce the chances of an unexpected power outage and keep the machine running.

NEW QUESTION 21
A technician goes to a classroom to troubleshoot a projector that occasionally powers off. The technician recreates the issue and notices the projector will not power back on until approximately 15 minutes have passed. After 15 minutes of being powered on. the projector shuts off again. Which of the following should the technician perform NEXT to resolve the issue?

A. Clean the filter.
B. Adjust the standby timeout.
C. Check the power cable connection.
D. Replace the bulb.

Answer: A

NEW QUESTION 23
A technician was called in to look at a user's PC. The user reported the PC was very sluggish. The HDD light on the PC was constantly on without blinking. The PC itself was slow receiving input and took a very long time to load the OS. The technician also noticed updates had failed. Which of the following is MOST likely the cause of these issues?

A. The hard disk drivers have been corrupted
B. The HDD cables need reseating.
C. A RAID disk failed.
D. The HDD has no free space.

Answer: A

NEW QUESTION 26
A technician needs to install a cost-effective storage device into a rackmount server that will be used as a VM host. This storage will be used for all VMs that run from the server. Which of the following should be used?

A. Optical disk drive
B. eMMC storage device
C. 15,000rpm drive
D. RAID 10 array

Answer: C

NEW QUESTION 30

A help desk technician has been tasked with installing an IP phone in a small office with an unmanaged switch. When connected to an RJ45 receptacle, the phone does not boot. Which of the following is the QUICKEST way to resolve this issue?

A. Upgrade the Ethernet cable to the latest specification.
B. Replace the phone.
C. Install a PoE injector.
D. Change ports on the switch.

Answer: C

Explanation:
https://intellinetnetwork.eu/pages/what-is-a-poe-injector

NEW QUESTION 31

The help desk received a ticket regarding Issues with a laser printer. The printer has had repairs previously for scanning Issues. Currently, the printed text is not adhering properly to the paper. Which of the following should be replaced lo resolve this Issue?

A. Fuser
B. Waste container
C. Roller
D. Toner

Answer: D

NEW QUESTION 32

A systems administrator is attempting to resolve a ticket regarding an issue with an email server. The administrator is covering for a coworker who was previously working on the ticket. The coworker already gathered facts about the issue and spoke with users concerning their missing emails. The coworker also discovered the email server's retention policy was updated shortly before users first noticed the issue. Which of the following should the systems administrator do NEXT to resolve the email issue?

A. Escalate the ticket to a higher level to resolve the email server issue.
B. Test a theory to determine the cause of the email server issue.
C. Establish a theory of probable cause for the email server issue.
D. Create a plan of action to resolve the email server issue.

Answer: C

Explanation:
Before attempting to resolve the issue, it is important to first determine the cause or probable cause of the issue, so that a plan of action can be developed. In this case, the fact that the retention policy was updated shortly before users first noticed the issue suggests that this could be the cause of the issue. The systems administrator should investigate this further to determine if this is indeed the cause of the email server issue.

NEW QUESTION 33

Which of the following utilizes TCP ports 20/21 and transfers data in cleartext?

A. SNMP
B. SSH
C. FTP
D. Telnet

Answer: C

NEW QUESTION 35

Which of the following wireless technologies has the MOST range and wireless throughput?

A. 802.11ac
B. 802.11ax
C. 802. 11b/gin
D. 802.11g

Answer: B

NEW QUESTION 40

An organization is looking to upgrade the processing ability for its computers. Most users report that whenever multiple applications are being utilized, the system's response time slows down drastically. When only one application is open, the response time is acceptable. Which of the following should be upgraded FIRST?

A. SSD
B. CPU

C. HDD
D. RAM

Answer: D

Explanation:
'Upgrading to a faster CPU will improve your PC's single-application performance, making games run more smoothly, for example. Adding more RAM to your PC increases its multitasking capacity, but won't necessarily improve its single-application performance'

NEW QUESTION 41
Which of the following allows all VMs in a virtual environment to have RAM allocated for use?

A. Measured service
B. Containerization
C. Synchronization
D. Resource pooling

Answer: D

Explanation:
A VMware resource pool is the aggregated physical compute hardware -- CPU and memory, as well as other components -- allocated to virtual machines (VMs) in a VMware virtual infrastructure.

NEW QUESTION 46
A technician needs to install a printer on the network. Which of the following must the technician configure? (Select THREE).

A. PCL
B. Dots per inch
C. Gateway
D. Subnet mask
E. MAC address
F. MB
G. IP address
H. Drivers

Answer: AEH

NEW QUESTION 51
An IT manager discovered that hundreds of pages of printed materials are being recycled each day because the materials are left on the printer tray instead of being picked up by users. Which of the following would BEST prevent this waste?

A. Send friendly reminders to not print unnecessarily.
B. Enable duplex printing to reduce paper utilization.
C. Bill each department for the excess material cost.
D. Require a code or badge before releasing a print job.

Answer: B

NEW QUESTION 53
An office manager reports that a printer is experiencing performance issues. Printouts are smudging when they are handled, and. recently, whenever the manager tries to print oversized documents, the paper jams before anything is printed on it.

A. Mastered

B. Not Mastered

Answer: A

Explanation:
A picture containing text, electronics, printer Description automatically generated

NEW QUESTION 57
Which of the following is a valid use for PaaS?

A. Off-site backups
B. An application development environment
C. A virtual server installation and configuration model
D. A web application for asset management

Answer: B

NEW QUESTION 58
A technician is adding one more line at the demarcation point. Which of the following tools would be MOST useful to accomplish this task?

A. Toner
B. Punchdown
C. Network tap
D. Crimper

Answer: B

Explanation:
Punchdown tools are used to make connections between wires in a 66/110 block at the demarcation point. The tool is used to insert the wire into the appropriate holes in the block, and it can be used to add additional lines to the demarcation point. The other options are not the correct tools for adding lines to the demarcation point. A toner is used to identify cable pairs, a network tap is used to monitor network traffic, and a crimper is used to terminate cables.

NEW QUESTION 59
A technician installs a new printer for a workstation and tries to print a test page, but the page does not print. The technician looks at the print queue and notices that the printer is called 'Generic Printer." Which of the following BEST describes what the technician should do to fix this issue?

A. Connect the printer with a USB cable rather than over the network.
B. Install the appropriate printer drivers for the OS.
C. Install the correct toner in the printer.
D. Set the printer trays to allow duplex printing

Answer: B

NEW QUESTION 63
A technician is working on a help desk ticket for a user who wants the filament replaced in a 3-D printer. Which of the following should the technician do to remove the old filament and load the new one?

A. Preheat the nozzle to melting temperature.
B. Cut a sharp angle on the end of the strand.
C. Push the filament along until resistance is felt.
D. Withdraw the filament and remove the spool.

Answer: D

Explanation:
A technician is working on a help desk ticket for a user who wants the filament replaced in a 3-D printer. To remove the old filament and load the new one, the technician should preheat the nozzle to melting temperature. After the nozzle is heated, the technician should withdraw the filament and remove the spool. Then, cut a sharp angle on the end of the new strand, and push it along until resistance is felt.

NEW QUESTION 67
A technician is troubleshooting a point-of-sale primer that Is printing blank receipts. Which o(the following should the technician do to resolve the Issue?

A. Verify the correct type of paper is loaded.
B. Install the latest print driver.
C. Check to see if the default printer has been changed.
D. Ensure the printer is connected to power.

Answer: D

NEW QUESTION 72
A technician is configuring a new CAD workstation that has four large hard drives. The workstation will be used to edit large, critical files, so the storage configuration should be both fast and redundant. Which of the following RAID levels BEST meets these requirements?

A. 1
B. 5
C. 10

Answer: D

Explanation:
https://techgenix.com/raid-10-vs-raid-5/

NEW QUESTION 73
A technician is preparing to set up a gaming computer with the following components:
> Discrete, high-end graphics card
> Video capture card
> High-end processor
> Multiple hard drives
> USB 3.0 hub
> Sound card
Which of the following options is the MOST important for the technician to consider before building the gaming computer?

A. Redundant power supply
B. Modular power supply
C. 20-pin v
D. 24-pin power adapter
E. Power supply wattage rating

Answer: D

NEW QUESTION 78
A user is unable to plug a USB 3.0 device into a USB port. Upon inspection, a technician notices the USB 3.0 port appears to be slightly smaller than the other connections. Which of the following Is the MOST likely cause?

A. A foreign object Is stuck Inside the port
B. The cable connection utilized the wrong orientation.
C. The USB cable is physically damaged.
D. The USB port belongs to a different form factor.

Answer: D

Explanation:
USB 3.0 ports are slightly smaller than other USB connections, so if the port appears to be the wrong size, it is likely that the port belongs to a different form factor. This can be caused by a number of factors, such as the device being too old to support USB 3.0, or the device not having a USB 3.0 port in the first place.

NEW QUESTION 82
A laptop PC user is reporting issues with the hard drive. A filesystem check shows that all files are accessible and the filesystem is clean. After the check, the PC still issues a hard drive error message. Which of the following is the MOST likely cause of the error?

A. S.M.A.R.T failure
B. IOPS failure
C. DIMM failure
D. RAID failure

Answer: A

NEW QUESTION 84
To control costs a company provides a limited number or users with company phones One of these users opens a support ticket because the phone no longer allows internet Drowsing over a cellular connection The user acknowledges that the phone worked before the user's child streamed several movies using the device Which of the following describes why the phone cannot browse the Internet?

A. The child accidentally connected to a neighbor's WLAN
B. The company's group policy disabled the device
C. The device has a data cap and has reached that limit
D. The device's plan has been unpaid

Answer: C

Explanation:
It is common for companies to place a data cap on the devices they provide to their employees, to control costs. If a user has exceeded the data cap, the phone may no longer allow internet browsing over a cellular connection. This is usually because the cellular data usage has exceeded the allotted amount for the particular plan the device is on, and the service provider has temporarily suspended the data connection.
It is unlikely that the child accidentally connected to a neighbor's WLAN because this would not affect the cellular data connection. Similarly, it is unlikely that the company's group policy has disabled the device, as this would likely affect all devices under the same policy. If the device's plan has been unpaid, the service provider would likely temporarily suspend all services, not just the cellular data connection.

NEW QUESTION 88
Which of the following should the data center hardware technician implement to ensure maximum uptime for customers' virtual machines?

A. Line conditioner
B. AC voltage regulator
C. Uninterruptible power supply
D. Cloud storage backup

Answer: C

NEW QUESTION 90
A technician is selling up a projector (or a videoconferencing system. When the user all empts to connect a laptop to the system, the system displays the following error message.
No source found
The user tries multiple cables and inputs on the projector. Which of the following should the user try NEXT?

A. Check the bulb on the projector and replace it with a new one.
B. Check the display settings on the computer and set them to extend/duplicate.
C. Replace the projector with another known-good one and try again.
D. Replace the video card on the machine that is plugged in to the projector, as it has gone bad.

Answer: B

NEW QUESTION 94
A customer reports that access to the network fileshare has become much slower than usual, but local applications do not seem to have trouble. The technician checks the download bandwidth and finds no issues. Which of the following should the technician check NEXT?

A. Level of network utilization
B. Customer use of two-factor authentication
C. Amount of local drive space
D. RAID array drive health

Answer: A

NEW QUESTION 95
A user visits the desk to report that a smartphone takes more than a day to fully charge. The user has already tested multiple wall outlets and swapped the charging cable, but the results are the same. Which of the following should the technician do FIRST?

A. Verify the power rating of the charger.
B. Ensure all unnecessary connectivity features are disabled.
C. Check that all missing smartphone OS updates are applied.
D. Complete a factory reset of the phone

Answer: A

NEW QUESTION 97
A user on the marketing team uses various multimedia applications that consume a lot of memory. The user needs to install more RAM to run these applications effectively. When the user opens the computer case, the user sees four slots in two sets of colors. Which of the following memory types is MOST likely required?

A. Dual-channel
B. Triple-channel
C. Single-channel
D. Quad-channel
E. Error correction code RAM

Answer: A

NEW QUESTION 98
A user creates a support ticket to report a conference room projector that does not work. The user says that even though the provided cables are being used, the projector screen shows the following error message:
No signal input
Which of the following describes the FIRST action that should be taken?

A. Verify that the projector is turned on.
B. Verify that the user is using an approved OS.
C. Replace the projector bulb.
D. Check the video cable and replace it if necessary.

Answer: D

Explanation:
The most common reasons you may be seeing the "No Signal" message: The projector and the source device are not connected correctly.

NEW QUESTION 99
A small ISP has hired a new technician Joe, the new technician, is being trained to configure customers* home networks The trailing instructor gives me technician a starter kit with cables, cable ends, and other network equipment and asks mm to build a working network.
The computer should be connected to have internet connectivity and the phone should be connected to have a dial tone.
INSTRUCTIONS
Use the appropriate cables. cable ends, tools and equipment to configure the network ana connect an components accordingly
There are 3 steps and the simulation starts on step 1.

SOHO Starter Kit Step 1 Step 2 Show Question Reset All Answers

Connectors

RJ11

RJ45

F Connector

Tools

SOHO Starter Kit Step 1 Step 2 Show Question Reset All Answers

Cables

POTS

Home PC

Wall ISP Service Outlet

Cable Modem

SOHO Router

Phone Service

LAN 1-4

WAN
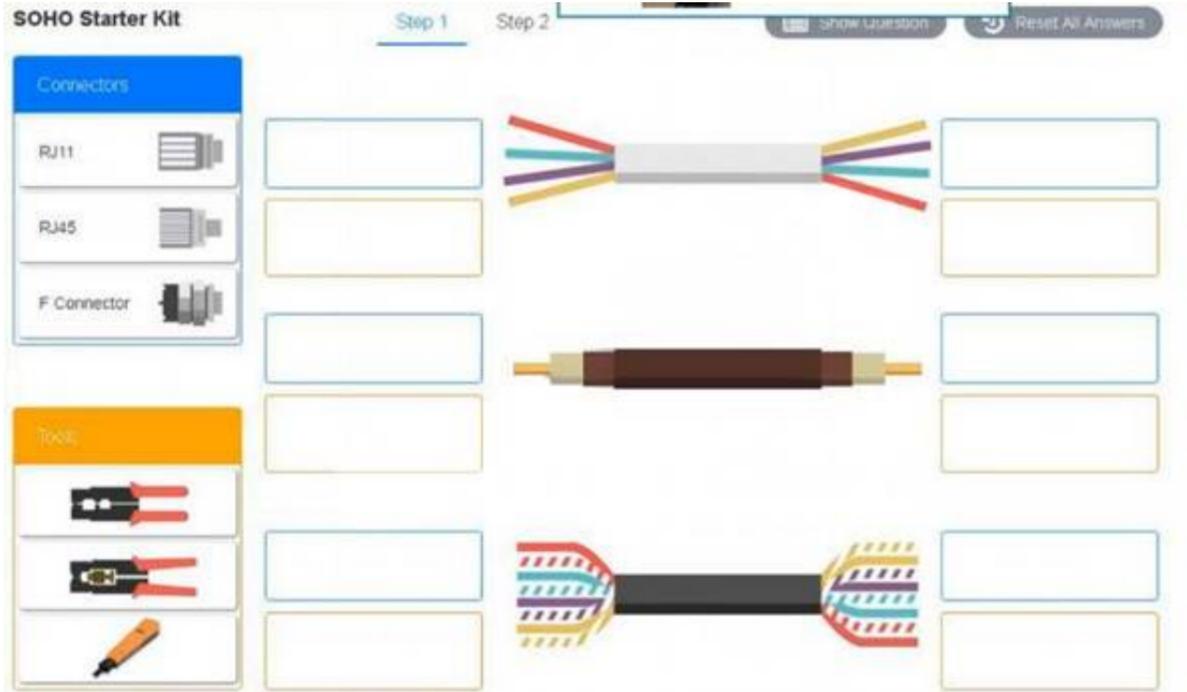
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer of both steps below.
A picture containing text, screenshot, indoor Description automatically generated

RJ11   RJ11

F Connector   F Connector

RJ45   RJ45
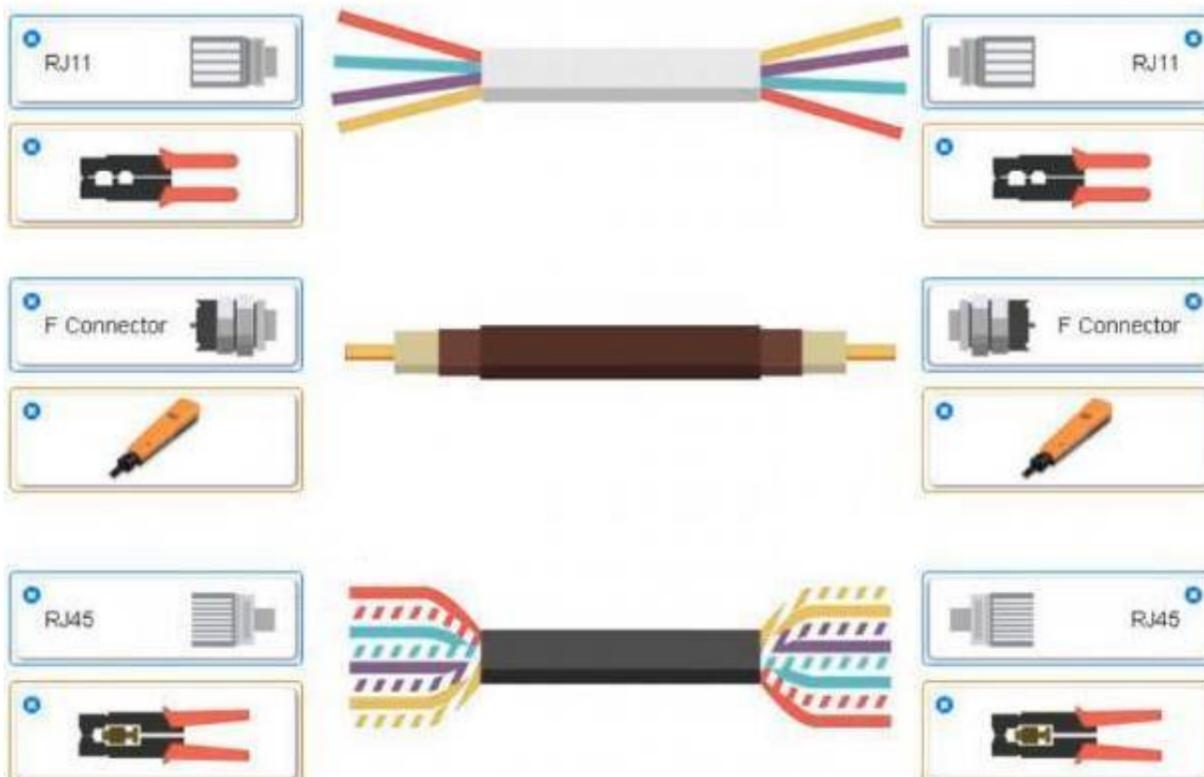
Diagram Description automatically generated with medium confidence
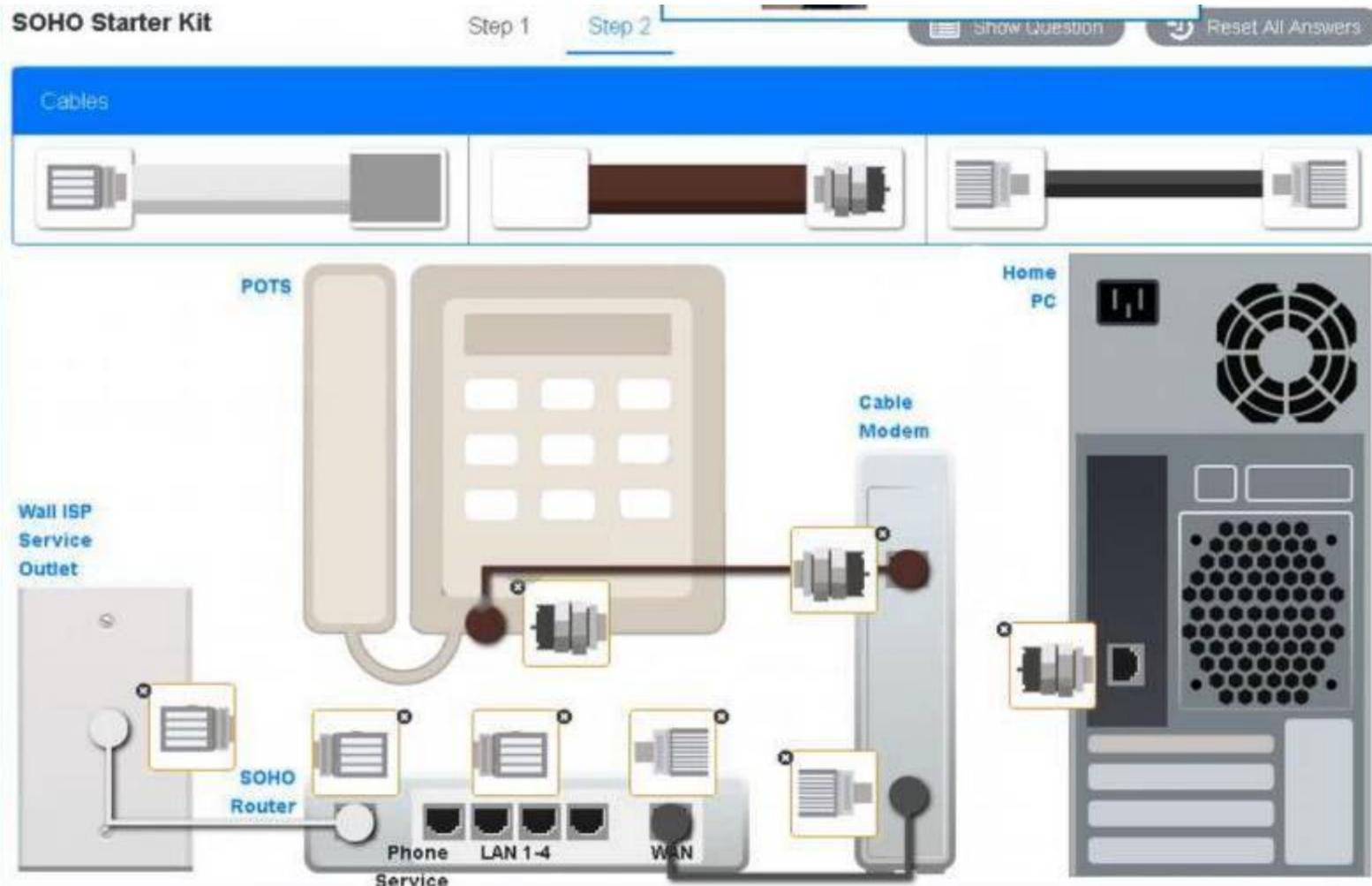
NEW QUESTION 102
Which of the following network devices would an administrator use to distribute traffic evenly throughout multiple nodes?

A. Load balancer
B. Bridge
C. Proxy server
D. Switch
E. Firewall

Answer: A

Explanation:
A load balancer is a network device that distributes network or application traffic across multiple servers to ensure that no single server bears too much of the load. Load balancing helps to improve application availability, increase scalability, and optimize resource utilization.
A bridge is used to connect two different networks, often to divide a larger network into smaller segments. A proxy server is used to forward client requests to other servers, and can also be used to cache frequently requested data. A switch is used to connect multiple devices within a network and to control the flow of network traffic. A firewall is used to secure a network by controlling incoming and outgoing traffic based on defined security rules.

NEW QUESTION 103
Client-side virtualization guest machines have security requirements similar to physical machines, but they also need to ensure separation from other guest machines. Which of the following BEST describes this client-side guest security requirement?

A. Isolation
B. Authentication
C. Hardening
D. Authorization

Answer: A

NEW QUESTION 106
A technician just finished assembling a new PC for a client. Upon POST, the device presents an unspecified beep code and turns off automatically after five seconds. The technician double-checks the bill of materials for the new build and confirms all items have been installed. Which of the following should the technician do NEXT?

A. Ensure thermal paste is being used on the CPU.
B. Check to make sure that any video cards have auxiliary power cabling connected.
C. Verify the header panel connector is properly connected.
D. Spot-check that the I/O shield for the motherboard is properly installed.

Answer: C

Explanation:
The technician should verify the header panel connector is properly connected. A beep code is a diagnostic
tool used by motherboards to indicate issues with hardware components. This beep code may be indicating an issue with the connection between the motherboard and the case's header panel connector. This connector is responsible for providing power to the system and any connected peripherals. Therefore, the technician should verify the connection is secure and properly connected before attempting any other troubleshooting steps.

NEW QUESTION 107
Which of the following would be BEST reason to use a virtual machine as a sandbox?

A. To test new software in a safe environment
B. To increase the efficient use of computing resources
C. To run multiple machines on the same hardware
D. To have dedicated hardware for a single system

Answer: A

NEW QUESTION 111
A network administrator was notified that laptop users are unable to access or ping any network resources on the corporate network. Which of the following should the network administrator check FIRST?

A. DHCP
B. AAA
C. DHB
D. ARP

Answer: A

Explanation:
Domain Name System (DNS) is an Internet service that translates domain names (e.g., its.umich.edu) into IP addresses. Dynamic Host Configuration Protocol (DHCP) is a protocol for automatically assigning IP addresses and other configurations to devices when they connect to a network.

NEW QUESTION 115
Which of the following cloud models maintains access, even when a local internet outage occurs?

A. Private
B. SaaS
C. Community
D. Public

Answer: A

Explanation:
In a private cloud model, the cloud infrastructure is maintained within a company's own data center and is used exclusively by that company. Private clouds offer the advantage of maintaining access even when a local internet outage occurs, since the cloud infrastructure is not dependent on a public network connection.
Software as a Service (SaaS) is a cloud model in which software applications are hosted by a third-party provider and made available to customers over the internet. SaaS is not designed to maintain access in the event of a local internet outage.
A community cloud is a shared infrastructure that is used by multiple organizations, typically from the same industry or with similar requirements. Community clouds are not designed to maintain access in the event of a local internet outage.
A public cloud is a cloud infrastructure that is maintained by a third-party provider and is made available to the public over the internet. Public clouds are not designed to maintain access in the event of a local internet outage.

NEW QUESTION 119
Which of the following describes the operational difference between hubs and switches when transmitting data to a specific computer inside the network?

A. Switches only send data to the specific computer, while hubs send data to all computers inside the network.
B. Switches compress data while hubs send uncompressed data
C. Switches receive data and route it to all computers inside the network while hubs receive data and do not route
D. Switches scramble data, while hubs send data in the original form.

Answer: A

NEW QUESTION 124
A user is trying to play a DVD on a projector. The user can hear the audio; however, the projector is showing an error message that states:
HDMI Blocked due to Copy Protection
Which of the following is the MOST likely cause of the error?

A. The HDMI cannot carry the signal from the DVD to the projector.
B. The user needs to switch from HDMI to a cable standard such as DisplayPort.
C. The projector does not support the necessary HDCP protocol.
D. The user needs to enable cony-protected sources in the projector's settings.

Answer: C

Explanation:
The Official CompTIA® A+® Core 1 and Core 2 Student Guide (Exams 220-1001 and 220-1002) | 193 Protected content. If you encounter an error that indicates unauthorized content or an HDCP error: • DVI, HDMI, DisplayPort, and Thunderbolt all provide support for the Digital Rights Management (DRM) mechanism High-bandwidth Digital Content Protection (HDCP). HDCP allows a content source (such as a Blu-ray disc) to disable itself if the display adapter and monitor and/or speaker system do not support HDCP and fail to authenticate themselves with the playback source. There have been various iterations of HDCP (at time of writing the current version is 2.2) and backward-compatibility can be problematic as authentication may fail between devices that support different versions of the standard.

NEW QUESTION 127
A customer reports that a computer is never able to reach more than a 100Mbps transfer data rate, even when using a Gigabit LAN card. While troubleshooting,

the technician notices the network cable needs to be replaced. Which of the following cable categories is limiting the transfer speed?

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

Answer: A

NEW QUESTION 130
A technician is troubleshooting a smartphone that has a large dark area on the screen. The screen has no damage to Indicate that It is cracked. Which of the following BEST describes why a blot Is on the screen?

A. Digitizer damage
B. Improper charging
C. Ambient light sensor damage
D. Liquid damage

Answer: A

Explanation:
A blot on the screen of a smartphone is most likely caused by damage to the digitizer, which is the part of the device responsible for interpreting touch input. Improper charging is unlikely to cause a blot on the screen, as is damage to the ambient light sensor. Liquid damage is a possibility, but it is more likely to cause discoloration or other physical damage to the screen.

NEW QUESTION 135
A user acquired a new workstation and is attempting to open multiple targe Excel files simultaneously. The user is not experiencing the expected performance when executing such large requests. Which of the following should a technician do FIRST?

A. Increase the swap partition.
B. Upgrade the CPU in the workstation.
C. Upgrade the power supply in the workstation.
D. Upgrade the RAM in the workstation.

Answer: D

NEW QUESTION 136
A technician is upgrading a legacy wireless router for a home user. After installing the new router and configuring the SSID to be the same, none of the devices will connect to the network. Which of the following should the technician check NEXT?

A. OHCP pool configuration
B. MAC filtering list
C. Wireless protocol settings
D. ONS servers

Answer: B

NEW QUESTION 139
A laptop has been returned for a screen repair. The owner insists the screen is broken, but occasionally a faded image is able to be seen in very bright settings on the desktop. Which of the following steps should the repair technician take FIRST?

A. Replace the graphics card.
B. Replace the screen, as the customer insists.
C. Recommend the usage of an external display instead.
D. Ensure the backlight is functioning as expected.

Answer: D

NEW QUESTION 142
A user's mobile phone gets really hot to the touch and does not retain a charge. The user also reports that the phone is very slow, especially while charging. Which of the following is MOST likely causing these symptoms?

A. Broken charging port
B. Digitizer failure
C. CPU overheating
D. Defective battery

Answer: D

NEW QUESTION 146
Which of the following is the SAFEST way to replace RAM on a server that has a redundant power supply?

A. Unplug one power cable.
B. Verify the RAM temperature.
C. Utilize a grounding strap.
D. Replace the RAM while the server is running.

Answer: C

Explanation:
Utilizing a grounding strap is the safest way to replace RAM on a server that has a redundant power supply. This is because the grounding strap prevents electrostatic discharge (ESD) when handling the RAM, which can cause damage to the RAM and the server. Therefore, it is important to always use a grounding strap when handling RAM or other sensitive components.

NEW QUESTION 151
A user submitted a support ticket that states all of the printouts from a laser printer appear to have double images imposed on them. A review of past printer support tickets shows that maintenance kit has not been installed in more than a year. Which of the following printer consumables is MOST likely causing the issue?

A. Separation pad
B. Transfer roller
C. Ink cartridge
D. Fuser

Answer: D

Explanation:
https://www.vingle.net/posts/4651722

NEW QUESTION 154
While implementing a non-carrier-grade wireless backhaul, a technician notices the current channel selection is extremely polluted with various RF signals. Upon performing a spectral analysis, the technician discovers a channel containing almost no RF pollution. Unfortunately, the technician is unable to select that channel. Which of the following is the MOST likely reason for this issue?

A. The channel is reserved for licensed band use.
B. The channel selection is defective; contact the manufacturer.
C. The channel must be unlocked by the vendor.
D. The device requires a firmware update to unlock the channel.

Answer: D

NEW QUESTION 157
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