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 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
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 4
Several company users are frequently forgetting passwords for their mobile devices and applications. Which of the following should the systems administrator do to reduce the number of help desk tickets
submitted?

A. Implement single sign-on.
B. Enable multifactor authentication.
C. Configure biometric authentication.
D. Remove complex password requirements.

Answer: A

NEW QUESTION 5
After setting up a DHCP server and a DNS server a technician would like to centralize all of the events generated by the two servers so they can be viewed in one dashboard. Which of the following is a data source used to populate the dashboard?

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

Answer: B

NEW QUESTION 6
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 7
An office has a network that has all computers connected to two switches. The switches are connected with a fiber cable. The computers and switches are all located in the same building. Which of the following network types does this describe?

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

Answer: C

NEW QUESTION 8
The network administrator has changed the IP address of ComputerA from 192.168.1.20 to 10.10.10.20 and now Jane, a user, is unable to connect to file shares on ComputerA from ComputerB using the computer name.
INSTRUCTIONS
Using the available tools, resolve the connectivity issues. After troubleshooting the issue, verify a successful connection.
If at any time you would like to bring back the initial state of the simulation? please click the Reset All button.
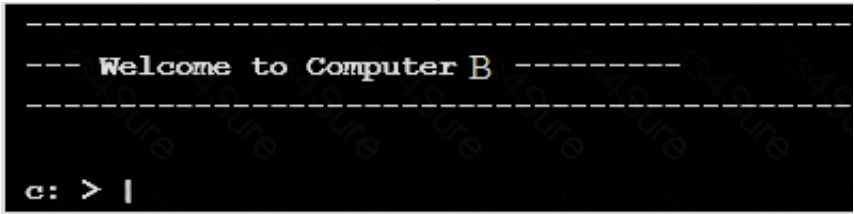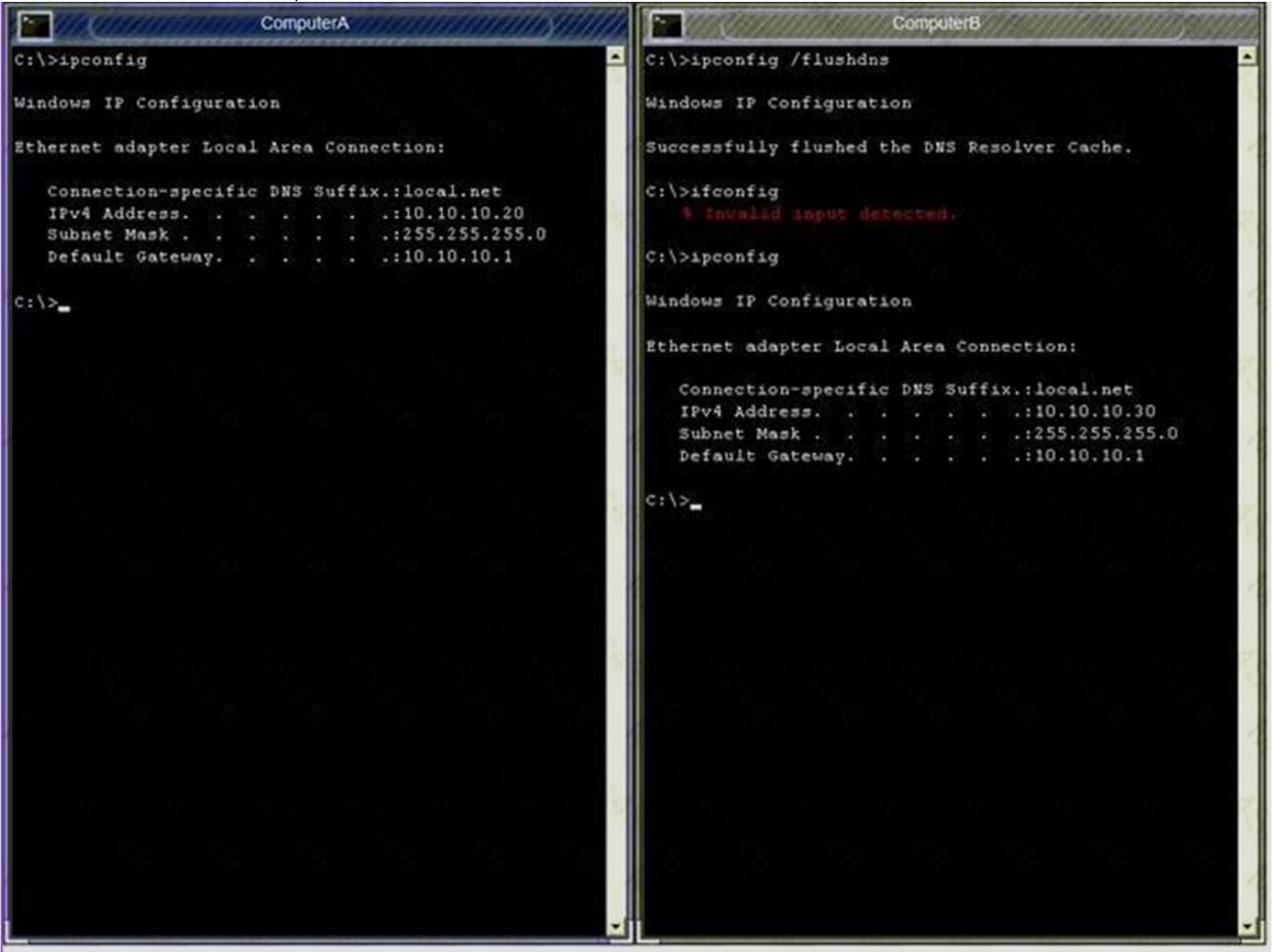

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Need to flush the DNS cache on Computer B:

Type in ipconfig/flushdns

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
A user is unable to access websites and has reported connectivity issues with pop-ups on the screen. A technician removes malware, and then is able to ping the router and access the websites.
Which of the following NEXT steps should the technician perform in troubleshooting this issue? (Choose two.)

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

Answer: AF

NEW QUESTION 10
A technician wants to set up a virtual machine in a public cloud environment. Which of the following cloud models should the technician use?

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

Answer: A

NEW QUESTION 13
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 16
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 18
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 19
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 24
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 25
A user's laptop is shutting down unexpectedly. The technician discovers the shutdowns only happen when the laptop is moved from one room to another. The technician reseated the hard drive, memory, battery, and LCD cable, but the laptop continues to shut down.
Which of the following is the MOST probable cause of the issue?

A. Residual energy on the motherboard
B. System overheating
C. Distended capacitors
D. Loose battery connection
E. CMOS battery failure

Answer: D

NEW QUESTION 26
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 27
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 31
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 32
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/contrasts 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 37
A user is having a problem with printing a specific document type.
The network printer OCP shows that the printer is online with no errors. Other users are not having the same issue. The user sends the document to another printer and the document prints.

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

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

Answer: B

NEW QUESTION 41
Which of the following is an APIPA address?

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

Answer: D

NEW QUESTION 43
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 44
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 49
A technician is determining the specifications for a desktop computer that will be used at trade shows all over the world. The computer will have the maximum amount of RAM. The CPU, GPU, and storage will be typical of a business workstation.
Which of the following system parameters is the MOST important for the technician to consider when choosing a power supply?

A. input voltage
B. Efficiency rating
C. 12V rail amperage
D. Number of SATA connectors

Answer: A

NEW QUESTION 52
Which of the following cloud computing concepts allows scalable services to be provided to the client?

A. On-demand
B. Metered
C. Rapid elasticity
D. Resource pooling

Answer: C

NEW QUESTION 54
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 attempting to browse to a website 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 finding in the organization local knowledge base.

Answer: C

NEW QUESTION 56
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
Which of the following would provide power to an access point?

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

Answer: A

NEW QUESTION 58
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 60
Which of the following BEST describes the purpose of an IPv4 subnet mask?

A. It defines where network and host bits exist
B. It is used to find the default gateway on a LAN
C. It gives users the ability to send and receive data.
D. It allows the ability, when needed, to bridge subnets.

Answer: A

NEW QUESTION 63
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 68
Which of the following networking protocols would be BEST track packages through a sorting facility?

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

Answer: D

NEW QUESTION 69
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 73

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 76
An end user is unable to connect to the network, and a technician has visually verified the lights on the back of the PC are active and there is no physical damage to the Ethernet jack. Which of the following tools should the technician use to continue troubleshooting the connection?

A. Punchdown tool
B. Tone generator and probe
C. Cable tester
D. Crimper

Answer: C

NEW QUESTION 81
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 86
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 90
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 94
The IT department recently upgrade client computer for the graphics department. A user reports the new computer has not worked since up. It , makes unusual sound when pressing the power button.
A technician verifies the power cable works and the computer is connected properly to both data and power. The monitor powers on but display the message NO source. Which of the following BEST explains the cause of this problem?

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

Answer: C

NEW QUESTION 96
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 98
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 100
Which of the following charging and data ports has a non-directional connector?

A. Micro-USB
B. Mini-USB
C. USB-A
D. USB-C

Answer: D

NEW QUESTION 105
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 107
Which of the following is used to connect a headset to a laptop?

A. eSATA
B. BNC
C. RG-6

D. USB

Answer: D

NEW QUESTION 110
A user is no longer able to browse the Internet after returning from vacation. The user is able to log in and navigate to the local intranet, but not to any outside sites. A technician pings a well-known website by name but gets no reply. The technician then pings its IP address and gets a reply.
Which of the following commands will MOST likely resolve the issue?

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

Answer: B

NEW QUESTION 111
An engineer is working at a remote site that does not have Internet access. Which of the following features should the engineer use to connect a laptop to the Internet if hotspot functionality is unavailable?

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

Answer: A

NEW QUESTION 112
An administrator is configuring a virtualization workstation that will host several mission-critical VMs for the human resources department The workstation will be required to support multiple users at once, and large amounts of data will be accessed daily Which of the following components will BEST meet these requirements? (Select THREE).

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

Answer: ACG

NEW QUESTION 116
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 120
Which of the following devices can utilize VLANs to secure networks?

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

Answer: A

NEW QUESTION 123
Which of the following devices performs forwarding decisions based on MAC addresses?

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

Answer: A

NEW QUESTION 124
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 127
A user receives the following error message when powering on a computer:
Hard drive cannot be found.
A technician restarts the computer, and it boots the OS normally. Several days later, the user reports another problem, but rebooting the computer does not resolve the issue. The technician replaces the motherboard, keeping the same CPU, battery, RAM, and hard drive. The user cannot authenticate at the login screen Which of the following would BEST explain the causes of the problem? (Select TWO)

A. POST error code beeps indicate RAM failure.
B. The system time is not set correctly in the BIOS
C. The voltage on the coin cell is drained completely
D. UEFI firmware has the Secure Boot setting enabled
E. Capacitors on the motherboard are distended
F. Incorrect settings are booting the wrong device
G. A BSOD error indicates the system is crashing

Answer: CE

NEW QUESTION 129
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 133
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 137
Which of the following technologies can be used for wireless payments?

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

Answer: A

NEW QUESTION 138
An ISP has notified a SOHO user of a usage increase on the user's network. The user is concerned the WiFi network is being utilized by unauthorized users.
Which of the following would minimize the unauthorized use of the WiFi network?

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

Answer: A

NEW QUESTION 139

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 143
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 144
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?
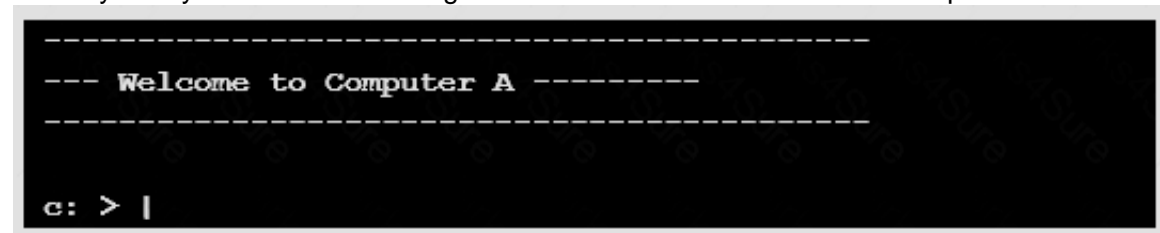
A. Plenum
B. Fiber
C. Shielded
D. Coaxial

Answer: A

NEW QUESTION 147
The network administrator has changed the IP address of ComputerA from 192.168.1.20 to 10.10.10.20 and now jane, a user, is unable to connect to file shares on ComputerA from ComputerB using the computer name.
INSTRUCTIONS
Using the available tools, resolve the connectivity issues. After troubleshooting the issue, verify a successful connection.
If at any time you would like to bring back the initial state of the simulation? please click the Reset All button.

```
-----------------------------------------
--- Welcome to Computer A ---------
-----------------------------------------

c: > |
```

```
Reply from 10.10.10.10.30: bytes=32 time=13ms FTL=52
Reply from 10.10.10.10.30: bytes=32 time=13ms FTL=52

Ping statistics for 10.10.10.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 13ms, Maximum = 13ms, Average = 13ms

c:\> ?
    % Invalid input detected, query help for valid commands.
c:\> help

    ipconfig
    nslookup
    ping
    tracert

    help

c:\> nslookup
    % Invalid input detected, query help for valid commands.
c:\> nslookup
    % Invalid input detected, query help for valid commands.
c:\> help

    ipconfig
    nslookup
    ping
    tracert
    help

c:\>
```

```
--------------------------------------------
--- Welcome to Computer B ---------
--------------------------------------------

c:\>
```

```
------------------------------------------------------

c:\> ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix . . . . . : local.net
    IPv4 Address . . . . . . . . . . . . . . : 10.10.10.30
    Subnet Mask . . . . . . . . . . . . . . . : 255.255.255.0
    Default Gateway . . . . . . . . . . . . . : 10.10.10.1

c:\> ping 10.10.10.20

Pinging 10.10.10.20 with 32 bytes of data:
Reply from 10.10.10.20: bytes=32 time=13ms TTL=52
Reply from 10.10.10.20: bytes=32 time=13ms TTL=52
Reply from 10.10.10.20: bytes=32 time=13ms TTL=52
Reply from 10.10.10.20: bytes=32 time=13ms TTL=52

Ping statistics for 10.10.10.20:
    Packets: Sent = 4, Received = 4, Loat = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 13ms, Maximum = 13ms, Average = 13ms

c:\> nslookup
   % Invalid input detected, query help for valid commands.
c:\>
computerB
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
We need to flush the DNS to have the new IP address assigned to the same computer name. Use the ipconfig/flushdns command.

NEW QUESTION 152
A user notices the system clock is changed every morning. The computer is shut down daily. A technician checks the time zone and finds it is correct, and then checks the BIOS settings and finds the time to be incorrect. Which of the following is MOST likely the problem?

A. The CMOS pattering does not have a charge.
B. Daylight savings time is not enabled.
C. BIOS time is set to universal time coordinated.
D. The NTP server has gone off line.

Answer: A

NEW QUESTION 153
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 155
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 160
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 165
Which of the following IEEE 802.11 standards includes the use of MIMO technology?

A. 802.11a
B. 80211b
C. 802. 11gt
D. 802. 11n

Answer: D

NEW QUESTION 170
A company offers several out-of-the-box computer configurations to its clients. A client requests several new computers for its newest location, which will be used by guests to check in upon arrival and fill out contact information. Which of the following configurations would BEST fit this customer's needs?

A. Touch-screen kiosk
B. Thick client
C. CAD workstation
D. Virtualized host computer

Answer: A

NEW QUESTION 173
A technician is setting up a WiFi-enabled thermostat for a customer, but the customer is concerned about IoT devices getting hacked.
Which of the following BEST address the customer's concerns? (Choose two.)

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

Answer: AC

NEW QUESTION 177
Company management wants to give users the ability to work from home during periods of bad weather. Which of the following would enable the workforce to do this?

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

Answer: C

NEW QUESTION 180
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 181
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 183
A technician is troubleshooting network connectivity issues after a new wireless router was installed in an office. Users who connect to the new router are unable to access LAN resources. Which of the following is the MOST likely cause of the issue?

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

Answer: A

NEW QUESTION 184
A technician has been informed that multiple users are receiving duplicate IP address warnings on their workstations, and they are unable to browse the Internet. Which of the following server types should the technician log in to in order to resolve the problem?

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

Answer: B

NEW QUESTION 187
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 191
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 195
Joe, a user, has purchased a new mobile device that uses a different OS than his previous one. Joe wants to copy his contacts and appointments from his corporate account without entering them manually.
Which of the following would be the BEST way for a technician to assist Joe?

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

Answer: A

NEW QUESTION 197
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 199
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 200
A technician needs to routinely run scripting commands in Linux but does not want to walk over the server room every time to perform the task. The technician also travels between buildings and has a Windows 10 laptop with 4GB of memory and a fully partitioned 500GB hard drive.
Which of the following steps should the technician take to resolve this issue? (Choose two.)

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

Answer: EF

NEW QUESTION 205
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 210
Which of the following cloud computing concepts facilities automated server deployment?

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

Answer: B

NEW QUESTION 213
A technician is replacing a broken screen on a new company laptop but does not have repair information from the vendor.
Which of the following is the BEST way to proceed?

A. Document and label the cable and screw locations.
B. Replace the screen with a non-OEM.
C. Update the firmware on the device before repairing it.
D. Wait for the vendor to provide more information.

Answer: A

NEW QUESTION 217

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 219
Which of the following peripherals would a company use to take inventory quickly and update price tags for products? (Choose two.)

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

Answer: AC

NEW QUESTION 222
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 224
A customer is using a cloud storage program that maintains a copy of local file on the cloud storage servers. The WF network is not very fast, and the customer users bandwidth intensive video streaming all day. Which of the following parameters should be adjust to keep the cloud storage program from using too much bandwidth?

A. Synchronization settings
B. Wireless settings
C. Video streaming settings
D. QoS settings

Answer: D

NEW QUESTION 226
Which of the following wireless standards is only capable of 5GHz frequencies?

A. 802.11a
B. 802.11ac
C. 802.11b
D. 802.11g

Answer: A

NEW QUESTION 229
A technician is setting up a new SOHO router for a home user. The user has a media server to be accessible from the Internet while the user is traveling.
Which of the following should the technician configure to allow access to the server from the Internet?

A. Port forwarding
B. NAT
C. MAC filtering
D. QoS

Answer: A

NEW QUESTION 232
An end user reports a Windows based PC just had a BSOD. The PC rebooted, and the user is now logged back in and working without any issues. Which of the following should a technician check FIRST to begin troubleshooting?

A. Hard drive S.M.A.R.
B. data
C. Event Viewer
D. Device Manager
E. BIOS settings
F. Performance Monitor

Answer: B

NEW QUESTION 233
A user calls the help desk stating a laptop is performing slowly and the hard drive activity lights are blinking continuously. A technician checks for enough hard drive space, disables antivirus and indexing services, and runs a full-system diagnostics check, which returns no failure. Which of the following should the technician do NEXT?

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

Answer: B

NEW QUESTION 238
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 242
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 246
A network administrator must install a device that will proactively stop outside attacks from reaching the LAN.
Which of the following devices would BEST meet the organization's needs?

A. IPS
B. IDS.
C. Proxy server
D. Authentication server.

Answer: A

NEW QUESTION 249
A client brings in a smartphone with a cracked screen to be repaired During the repair process, the technician places the screws in a small container to prevent losing them. The technician tests the replacement screen to ensure it works properly before dosing the device. Once the device is back together however it does not power on. The technician disassembles the device once again to test the screen and finds it has shorted out Which of the following disassembly procedures should the technician have followed to prevent this from occurring?

A. Label the locations of the screws
B. Refer to manufacturer resources
C. Document the orientation of the cables
D. Use the appropriate hand tools

Answer: A

NEW QUESTION 251
A 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 254
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