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CompTIA 220-1001

Version Demo

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QUESTION NO: 1

A user purchased a processor to upgrade a computer. After the installation, the computer no longer boots, but everything appears to be installed correctly.

Which of the following should the user have done prior to installing the new processor? (Choose two.)

- A. Run a Windows Update
- B. Verify the power requirements of the new CPU
- C. Purchase a high-efficiency cooling system
- D. Disable Secure Boot
- E. Check for BIOS updates
- F. Reinstall the operating system

ANSWER: B D

QUESTION NO: 2

A user is having trouble printing and has asked a technician for help. The technician is able to print remotely from the print server. Which of the following will the technician MOST likely need to perform

NEXT? (Choose two.)

- A. Modify the environment variables on the computer
- B. Check the AD account settings for the user
- C. Replace the printer's network cable
- D. Clear the print queue on the server
- E. Check the network settings on the computer
- F. Delete all the files from the server print spooler

ANSWER: D E

QUESTION NO: 3

A technician is buying a laptop that will host three VMs running at the same time with the current configuration. The technician believes there might be a need to run several additional VMs in the near future. Which of the following resources would be the MOST important to upgrade to allow for the additional VMs?

- A. CPU
- B. SSD
- C. NIC
- D. RAM

ANSWER: B

QUESTION NO: 4

Joe, an office manager, is concerned about printing and electrical costs. He requires all staff members to shut down their computers when away from their desks. He also wants to limit printer use to only times when he is at his desk. Which of the following should Joe do to enforce this restriction? (Choose two.)

- A. Configure the printer on WiFi in Joe's office.
- B. Enable file and printer sharing on Joe's computer.
- C. Enable cloud printing on the printer using Joe's email account.
- D. Disable point spooling on all other users' computers.
- E. Install the printer via USB to Joe's computer.
- F. Connect the printer through Ethernet at Joe's desk.

ANSWER: B E

QUESTION NO: 5

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

QUESTION NO: 6

A technician is building a workstation with 8GB of RAM that will host a VM. The VM will be used to test software installations prior to mass deployment. The workstation will also serve the installation files and packages necessary to install applications remotely on networked devices that have passed the testing process. Which of the following hardware components are needed for the setup to function as required? (Choose two.)

- A. Network interface card
- B. Secure boot
- C. Single-core CPU
- D. CPU virtualization support
- E. Additional RAM
- F. Hyperthreading

ANSWER: A E

QUESTION NO: 7

Which of the following cloud-based services gives customers the ability to scale resources as needed?

- A. Resource pooling
- B. Rapid elasticity
- C. Measured service
- D. Hybrid cloud

ANSWER: B

QUESTION NO: 8 - (SIMULATION)

SIMULATION

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 simulation, please click the Reset All button.

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

Wireless Network Settings

Enable Wireless:

Wireless Network Name: (Also called the SSID)

Wireless Channel:

Disable SSID Broadcast:

802.11g Only Mode:

Wireless Security Mode

Security Mode:

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**


Turn MAC Filtering ON:

Allow the following MAC Addresses

Allow the following MAC Addresses

Disallow the following MAC Addresses

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:

ANSWER: See the explanation below

Explanation:

The screenshot displays the 'Wireless Configuration' interface. It features three tabs: 'Wireless Setup', 'Network Filter', and 'Administrator Tools'. The 'Wireless Setup' tab is active, showing 'WIRELESS NETWORK SETTINGS' with options for enabling wireless, setting the network name to 'HomeWiFi', channel to '1', and disabling SSID broadcast and 802.11g only mode. Below this is the 'WIRELESS SECURITY MODE' section, where the 'Security Mode' is set to 'Enable WPA2 Wireless Security (enhanced)'. The 'WPA2' section shows the passphrase 'CompTIA' entered in both the 'Passphrase' and 'Confirmed Passphrase' fields. A 'Save Settings' button is located at the bottom right.

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





QUESTION NO: 9

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: A B

QUESTION NO: 10

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

QUESTION NO: 11

A customer wants to purchase a single device that can route traffic, perform firewall and forwarding functions, and inspect incoming packets for malicious software. Which of the following should a technician recommend?

- A. UTM
- B. WAP
- C. IDS
- D. SAN

ANSWER: A

QUESTION NO: 13

A technician will be installing a workstation with virtualization software. On which of the following system requirements should the technician focus? (Choose two.)

- A. BD-R
- B. GPU
- C. RAM
- D. LAN

E. SATA

F. CPU

ANSWER: C F

QUESTION NO: 14

A customer contacts the help desk 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? (Choose three.)

A. LCD power inverter

B. AC adapter

C. Battery

D. Processor

E. VGA card

F. Motherboard

G. Backlit keyboard

H. Wireless antenna

ANSWER: A B C

QUESTION NO: 15

A company recently upgraded its network and now wants to repurpose the old workstations. The company has determined the hardware in the workstations is sufficient for processing data, but the workstations are bottlenecked by network speed.

Which of the following would be the MOST cost-efficient solution to mitigate the slow network speeds?

A. Upgrade to triple-channel RAM.

B. Install hubs for every workstation.

C. Upgrade the workstations with a newer NIC.

D. Upgrade the motherboard in the workstations.

ANSWER: C

Explanation:

Reference: https://www.mcmcse.com/comptia/network/network_interface_cards.shtml

QUESTION NO: 16

Which of the following peripheral types is MOST likely to be used to input actions into a PC?

- A. Webcam
- B. Mouse
- C. Monitor
- D. Optical drive

ANSWER: B

QUESTION NO: 17

A laser printer feeds multiple pages through at the same time. Some of the pages have poor image quality, and many of the pages have toner that is easily smeared on the finished page. Which of the following should a technician order to fix the issues with the printer?

- A. Paper tray
- B. Corona wire
- C. Maintenance kit
- D. Toner cartridge

ANSWER: D

QUESTION NO: 18

A user is not receiving emails on a laptop. A technician is able to send emails using the local client; however, no new emails are being received. The POP3 and SMTP settings in the corporate email configuration look correct. The technician notices a new antivirus program was installed on the machine recently. Which of the following is MOST likely causing the problem?

- A. The POP3 port is being blocked.
- B. The email password stored is incorrect.
- C. The user needs to enable TLS.
- D. The user is not connected to the Internet.

ANSWER: A

QUESTION NO: 19

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? (Choose two.)

- A. USB-C
- B. IDE
- C. SATA
- D. USB-A
- E. Molex
- F. Lightning

ANSWER: B C

QUESTION NO: 20

A technician receives a call from a user who dropped a laptop and cracked the screen. The user needs it replaced quickly. The technician has to ensure the correct stock parts are in the storeroom. Which of the following components would the technician MOST likely need to repair the user's laptop? (Choose two.)

- A. Webcam
- B. Microphone
- C. Video adapter
- D. Bezel
- E. Speaker
- F. LCD

ANSWER: D F