

Exam Questions 220-1101

CompTIA A+ Certification Exam: Core 1

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NEW QUESTION 1

Which of the following components enables the input on a mobile device's touch screen?

- A. OLED
- B. Digitizer
- C. Inverter
- D. CMOS sensor

Answer: B

NEW QUESTION 2

A field technician has been dispatched to a site with an internet outage. Upon arriving, the technician discovers that the POTS lines are not working as well. Which of the following technologies is the site MOST likely using?

- A. Fiber
- B. Cable
- C. DSL
- D. Satellite

Answer: C

NEW QUESTION 3

A user on a SOHO network is unable to watch online videos, even at 240 pixels. The technician runs ipconfig from the user's computer and records the following:

The technician then connects a test laptop to the router via the user's Cat 5 cable and records the following information:

Which of the following is MOST likely causing the user's issue?

- A. Incorrect IP address
- B. Faulty NIC
- C. Misconfigured default gateway
- D. Bad network cable

Answer: D

NEW QUESTION 4

A technician needs to recommend an internet connection for a customer who travels around the world and wants to have connectivity while visiting remote camping locations. Some of the locations the customer visits have limited or unreliable cellular service. Which of the following connection types should the technician recommend?

- A. Satellite
- B. DSL
- C. Fiber
- D. Hotspot

Answer: A

NEW QUESTION 5

A user connects a smartphone to a laptop. Which of the following types of networks has the user created?

- A. PAN
- B. MAN
- C. WLAN
- D. LAN

Answer: A

NEW QUESTION 6

A technician is configuring a workstation to be used as a VM host. After installing the necessary software, the technician is unable to create any VMs. Which of the following actions should be performed?

- A. Disable the BIOS password.

- B. Enable TPM.
- C. Enable multithreading.
- D. Enable Fast Startup.

Answer: B

NEW QUESTION 7

Several users who share a multifunction printer in an office have reported unintended, thin, vertical lines that cover the entire height of every page printed from the printer. Which of the following steps should a technician complete in order to MOST likely resolve this issue?

- A. Replace the printer paper with a new ream.
- B. Clear the print spooler on each computer.
- C. Reinstall the printer driver on each computer
- D. Perform the drum-cleaning procedure.

Answer: D

NEW QUESTION 8

An organization has some computers running macOS and some computers running Windows. The computers running macOS also need to run a piece of software that is only available on Windows.

Which of the following BEST describes the solution for running Windows software on a computer running macOS?

- A. Operating system spoofing
- B. Remote software provisioning
- C. Indirect software implementation
- D. Cross-platform virtualization

Answer: D

NEW QUESTION 9

A Microsoft Windows user is preparing to work in another country and needs to comply with corporate policy for data protection when copying files to portable media.

a. Which of the following solutions would MOST likely satisfy this requirement?

- A. A USB 3.1 flash drive with BitLocker to Go installed
- B. An SD memory card with NTFS
- C. An xD memory card with ext3
- D. A portable hard drive with FAT32

Answer: A

NEW QUESTION 10

A user acquired a new workstation and is attempting to open multiple large 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 10

A user submitted a ticket to report an issue with a new printer that is no longer accepting new print jobs. The technician verifies the printer is on and notices the printer LCD screen has the following error message:

Paper Jam, Jam in fuser.

Which of the following is the MOST efficient next step the technician should complete?

- A. Apply a maintenance kit to the printer
- B. Check the printer paper path to locate any obstructions.
- C. Turn the printer on and off to see if the error clears.
- D. Replace the fuser.

Answer: B

NEW QUESTION 13

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 17

A technician installed a Cat 5 UTP cable approximately 275ft (84m) from a network switch in an office to a workstation located on a factory floor. The technician sees both a flashing green LED and a flashing orange LED on the workstation's NIC. Which of the following should the technician do FIRST?

- A. Check for loose connections, pinched bends, and physical damage.
- B. Install a powered hub as close as possible to the halfway point in the Cat 5 UTP cable run.
- C. Replace the entire run of Cat 5 UTP cable with Cat 5 STP cable.
- D. Upgrade the entire cable run to multimode fiber.

Answer: A

NEW QUESTION 21

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 23

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 24

Which of the following network devices is used to separate broadcast domains?

- A. Switch
- B. Wireless access point
- C. Router
- D. Hub

Answer: A

NEW QUESTION 26

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 28

Which of the following standards supports MIMO technology?

- A. 802.11a
- B. 802.11b
- C. 802.11g
- D. 802.11n

Answer: D

NEW QUESTION 33

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 35

Which of the following BEST describes the main function of a web server?

- A. Storing files and controlling user access
- B. Setting up personal mailboxes and calendars
- C. Providing IP addresses and printing services
- D. Hosting home pages and business portals

Answer: D

NEW QUESTION 36

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