

CompTIA

Exam Questions 220-1102

CompTIA A+ Certification Exam: Core 2



NEW QUESTION 1

A company installed a new backup and recovery system. Which of the following types of backups should be completed FIRST?

- A. Full
- B. Non-parity
- C. Differential
- D. Incremental

Answer: A

Explanation:

The type of backup that should be completed FIRST after installing a new backup and recovery system is a full backup. This is because a full backup is a complete backup of all data and is the foundation for all other backups. After a full backup is completed, other types of backups, such as differential and incremental backups, can be performed.

NEW QUESTION 2

A user turns on a new laptop and attempts to log in to specialized software, but receives a message stating that the address is already in use. The user logs on to the old desktop and receives the same message. A technician checks the account and sees a comment that the user requires a specifically allocated address before connecting to the software. Which of the following should the technician do to MOST likely resolve the issue?

- A. Bridge the LAN connection between the laptop and the desktop.
- B. Set the laptop configuration to DHCP to prevent conflicts.
- C. Remove the static IP configuration from the desktop.
- D. Replace the network card in the laptop, as it may be defective.

Answer: C

Explanation:

The new laptop was set up with the static IP it needs to connect to the software. The old desktop is still configured with that IP, hence the conflict.

NEW QUESTION 3

A wireless network is set up, but it is experiencing some interference from other nearby SSIDs. Which of the following can BEST resolve the interference?

- A. Changing channels
- B. Modifying the wireless security
- C. Disabling the SSIO broadcast
- D. Changing the access point name

Answer: A

Explanation:

Changing channels can best resolve interference from other nearby SSIDs. Wireless networks operate on different channels, and changing the channel can help to avoid interference from other nearby networks.

NEW QUESTION 4

Once weekly a user needs Linux to run a specific open-source application that is not available for the currently installed Windows platform. The user has limited bandwidth throughout the day. Which of the following solutions would be the MOST efficient, allowing for parallel execution of the Linux application and Windows applications?

- A. Install and run Linux and the required application in a PaaS cloud environment
- B. Install and run Linux and the required application as a virtual machine installed under the Windows OS
- C. Use a swappable drive bay for the boot drive and install each OS with applications on its own drive Swap the drives as needed
- D. Set up a dual boot system by selecting the option to install Linux alongside Windows

Answer: B

Explanation:

The user should install and run Linux and the required application as a virtual machine installed under the Windows OS. This solution would allow for parallel execution of the Linux application and Windows applications².

The MOST efficient solution that allows for parallel execution of the Linux application and Windows applications is to install and run Linux and the required application as a virtual machine installed under the Windows OS. This is because it allows you to run both Linux and Windows together without the need to keep the Linux portion confined to a VM window³.

NEW QUESTION 5

A user is experiencing frequent malware symptoms on a Windows workstation. The user has tried several times to roll back the state but the malware persists. Which of the following would MOST likely resolve the issue?

- A. Quarantining system files
- B. Reimaging the workstation
- C. Encrypting the hard drive
- D. Disabling TLS 1.0 support

Answer: C

Explanation:

Encrypting the hard drive would most likely resolve the issue¹

NEW QUESTION 6

When a user calls in to report an issue, a technician submits a ticket on the user's behalf. Which of the following practices should the technician use to make sure the ticket is associated with the correct user?

- A. Have the user provide a callback phone number to be added to the ticket
- B. Assign the ticket to the department's power user
- C. Register the ticket with a unique user identifier
- D. Provide the user with a unique ticket number that can be referenced on subsequent calls.

Answer: D

Explanation:

The technician should provide the user with a unique ticket number that can be referenced on subsequent calls to make sure the ticket is associated with the correct user. This is because registering the ticket with a unique user identifier, having the user provide a callback phone number to be added to the ticket, or assigning the ticket to the department's power user will not ensure that the ticket is associated with the correct user2.

NEW QUESTION 7

A call center technician receives a call from a user asking how to update Windows Which of the following describes what the technician should do?

- A. Have the user consider using an iPad if the user is unable to complete updates
- B. Have the user text the user's password to the technician.
- C. Ask the user to click in the Search field, type Check for Updates, and then press the Enter key
- D. Advise the user to wait for an upcoming, automatic patch

Answer: C

Explanation:

The technician should guide the user to update Windows through the built-in "Check for Updates" feature. This can be done by having the user click in the Search field, type "Check for Updates", and then press the Enter key. This will bring up the Windows Update function, which will search for any available updates and give the user the option to install them.

NEW QUESTION 8

A network administrator is deploying a client certificate to be used for Wi-Fi access for all devices in an organization The certificate will be used in conjunction with the user's existing username and password Which of the following BEST describes the security benefits realized after this deployment?

- A. Multifactor authentication will be forced for Wi-Fi
- B. All Wi-Fi traffic will be encrypted in transit
- C. Eavesdropping attempts will be prevented
- D. Rogue access points will not connect

Answer: A

Explanation:

Multifactor authentication will be forced for Wi-Fi after deploying a client certificate to be used for Wi-Fi access for all devices in an organization3

References:

➤ [CompTIA Security+ \(Plus\) Practice Test Questions | CompTIA](https://www.comptia.org/training/resources/comptia-security-practice-tests). Retrieved from <https://www.comptia.org/training/resources/comptia-security-practice-tests>

NEW QUESTION 9

Which of the following OS types provides a lightweight option for workstations that need an easy-to-use browser-based interface?

- A. FreeBSD
- B. Chrome OS
- C. macOS
- D. Windows

Answer: B

Explanation:

Chrome OS provides a lightweight option for workstations that need an easy-to-use browser-based interface1

NEW QUESTION 10

A technician just completed a Windows 10 installation on a PC that has a total of 16GB of RAM. The technician notices the Windows OS has only 4GB of RAM available for use. Which of the following explains why the OS can only access 4GB of RAM?

- A. The UEFI settings need to be changed.
- B. The RAM has compatibility issues with Windows 10.
- C. Some of the RAM is defective.
- D. The newly installed OS is x86.

Answer: D

Explanation:

The newly installed OS is x86. The x86 version of Windows 10 can only use up to 4GB of RAM. The x64 version of Windows 10 can use up to 2TB of RAM1.

NEW QUESTION 10

A desktop specialist needs to prepare a laptop running Windows 10 for a newly hired employee. Which of the following methods should the technician use to

refresh the laptop?

- A. Internet-based upgrade
- B. Repair installation
- C. Clean install
- D. USB repair
- E. In place upgrade

Answer: C

Explanation:

The desktop specialist should use a clean install to refresh the laptop. A clean install will remove all data and applications from the laptop and install a fresh copy of Windows 10, ensuring that the laptop is ready for the newly hired employee.

NEW QUESTION 13

A company discovered that numerous computers from multiple geographic locations are sending a very high number of connection requests which is causing the company's web server to become unavailable to the general public. Which of the following attacks is occurring?

- A. Zero day
- B. SQL injection
- C. Cross-site scripting
- D. Distributed denial of service

Answer: D

Explanation:

The company is experiencing a distributed denial of service (DDoS) attack. A DDoS attack is a type of cyber attack in which multiple compromised systems are used to target a single system, causing a denial of service for users of the targeted system.

NEW QUESTION 17

A technician receives a ticket indicating the user cannot resolve external web pages. However, specific IP addresses are working. Which of the following does the technician MOST likely need to change on the workstation to resolve the issue?

- A. Default gateway
- B. Host address
- C. Name server
- D. Subnet mask

Answer: A

Explanation:

The technician most likely needs to change the default gateway on the workstation to resolve the issue. The default gateway is the IP address of the router that connects the workstation to the internet, and it is responsible for routing traffic between the workstation and the internet. If the default gateway is incorrect, the workstation will not be able to access external web pages.

NEW QUESTION 19

A new service desk is having a difficult time managing the volume of requests. Which of the following is the BEST solution for the department?

- A. Implementing a support portal
- B. Creating a ticketing system
- C. Commissioning an automated callback system
- D. Submitting tickets through email

Answer: A

Explanation:

A support portal is an online system that allows customers to access customer service tools, submit requests and view status updates, as well as access information such as how-to guides, FAQs, and other self-service resources. This would be the best solution for the service desk, as it would allow them to easily manage the volume of requests by allowing customers to submit their own requests and view the status of their requests. Additionally, the portal would provide customers with self-service resources that can help them resolve their own issues, reducing the amount of tickets that need to be handled by the service desk.

NEW QUESTION 20

A technician is replacing the processor in a desktop computer prior to opening the computer, the technician wants to ensure the internal components are protected. Which of the following safety procedures would BEST protect the components in the PC? (Select TWO).

- A. Utilizing an ESD strap
- B. Disconnecting the computer from the power source
- C. Placing the PSU in an antistatic bag
- D. Ensuring proper ventilation
- E. Removing dust from the ventilation fans
- F. Ensuring equipment is grounded

Answer: AC

Explanation:

The two safety procedures that would best protect the components in the PC are:

- Utilizing an ESD strap
- Placing the PSU in an antistatic bag

<https://www.professormesser.com/free-a-plus-training/220-902/computer-safety-procedures-2/> <https://www.skillsoft.com/course/comptia-a-core-2-safety-procedures-environmental-impacts-cbdf0f2c-61c0-4f>

NEW QUESTION 21

A Chief Executive Officer has learned that an exploit has been identified on the web server software, and a patch is not available yet. Which of the following attacks MOST likely occurred?

- A. Brute force
- B. Zero day
- C. Denial of service
- D. On-path

Answer: B

Explanation:

A zero-day attack is an attack that exploits a previously unknown vulnerability in a computer application, meaning that the attack occurs on “day zero” of awareness of the vulnerability

➤ Configuring AAA Services. Retrieved from https://www.cisco.com/c/en/us/td/docs/routers/crs/software/crs_r4-0/security/configuration/guide/sc40crsb

NEW QUESTION 24

A user attempts to open some files, but a message appears stating that the files are encrypted. The user was able to access these files before without receiving this message and no changes have been made within the company. Which of the following has infected the computer?

- A. Cryptominer
- B. Phishing
- C. Ransomware
- D. Keylogger

Answer: C

Explanation:

Ransomware is malicious software that encrypts files on a computer, making them inaccessible until a ransom is paid. In this case, the user was able to access the files before without issue, and no changes have been made within the company, so it is likely that the computer was infected with ransomware.

NEW QUESTION 28

A user's mobile phone has become sluggish A systems administrator discovered several malicious applications on the device and reset the phone. The administrator installed MDM software. Which of the following should the administrator do to help secure the device against this threat in the future? (Select TWO).

- A. Prevent a device root
- B. Disable biometric authentication
- C. Require a PIN on the unlock screen
- D. Enable developer mode
- E. Block a third-party application installation
- F. Prevent GPS spoofing

Answer: CE

Explanation:

To help secure the device against this threat in the future, the administrator should require a PIN on the unlock screen and block a third-party application installation. Requiring a PIN on the unlock screen can help to prevent unauthorized access to the device, while blocking third-party application installation can help to prevent malicious applications from being installed on the device.

NEW QUESTION 29

A user has requested help setting up the fingerprint reader on a Windows 10 laptop. The laptop is equipped with a fingerprint reader and is joined to a domain Group Policy enables Windows Hello on all computers in the environment. Which of the following options describes how to set up Windows Hello Fingerprint for the user?

- A. Navigate to the Control Panel utility, select the Security and Maintenance submenu, select Change Security and Maintenance settings, select Windows Hello Fingerprint, and have the user place a fingerprint on the fingerprint reader repeatedly until Windows indicates setup is complete
- B. Navigate to the Windows 10 Settings menu, select the Accounts submenu, select Sign in options, select Windows Hello Fingerprint, and have the user place a fingerprint on the fingerprint reader repeatedly until Windows indicates setup is complete.
- C. Navigate to the Windows 10 Settings menu, select the Update & Security submenu select Windows Security, select Windows Hello Fingerprint and have the user place a fingerprint on the fingerprint reader repeatedly until Windows indicates setup is complete
- D. Navigate to the Control Panel utility, select the Administrative Tools submenu, select the user account in the list, select Windows Hello Fingerprint, and have the user place a fingerprint on the fingerprint reader repeatedly until Windows indicates setup is complete.

Answer: B

Explanation:

Navigate to the Windows 10 Settings menu, select the Accounts submenu, select Sign in options, select Windows Hello Fingerprint, and have the user place a fingerprint on the fingerprint reader repeatedly until Windows indicates setup is complete. Windows Hello Fingerprint can be set up by navigating to the Windows 10 Settings menu, selecting the Accounts submenu, selecting Sign in options, and then selecting Windows Hello Fingerprint. The user will then be asked to place a fingerprint on the fingerprint reader repeatedly until Windows indicates that setup is complete. Windows Hello Fingerprint allows the user to log into the laptop using just their fingerprint, providing an additional layer of security.

NEW QUESTION 34

During a recent flight an executive unexpectedly received several dog and cat pictures while trying to watch a movie via in-flight Wi-Fi on an iPhone. The executive

has no records of any contacts sending pictures like these and has not seen these pictures before. To BEST resolve this issue, the executive should:

- A. set AirDrop so that transfers are only accepted from known contacts
- B. completely disable all wireless systems during the flight
- C. discontinue using iMessage and only use secure communication applications
- D. only allow messages and calls from saved contacts

Answer: A

Explanation:

To best resolve this issue, the executive should set AirDrop so that transfers are only accepted from known contacts (option A). AirDrop is a feature on iOS devices that allows users to share files, photos, and other data between Apple devices. By setting AirDrop so that it only accepts transfers from known contacts, the executive can ensure that unwanted files and photos are not sent to their device. Additionally, the executive should ensure that the AirDrop setting is only enabled when it is necessary, as this will protect their device from any unwanted files and photos.

NEW QUESTION 39

A technician has spent hours trying to resolve a computer issue for the company's Chief Executive Officer (CEO). The CEO needs the device returned as soon as possible. Which of the following steps should the technician take NEXT?

- A. Continue researching the issue
- B. Repeat the iterative processes
- C. Inform the CEO the repair will take a couple of weeks
- D. Escalate the ticket

Answer: D

Explanation:

The technician should escalate the ticket to ensure that the CEO's device is returned as soon as possible¹

NEW QUESTION 44

A user is attempting to make a purchase at a store using a phone. The user places the phone on the payment pad, but the device does not recognize the phone. The user attempts to restart the phone but still has the same results. Which of the following should the user do to resolve the issue?

- A. Turn off airplane mode while at the register.
- B. Verify that NFC is enabled.
- C. Connect to the store's Wi-Fi network.
- D. Enable Bluetooth on the phone.

Answer: B

Explanation:

The user should verify that NFC is enabled on their phone. NFC is a technology that allows two devices to communicate with each other when they are in close proximity².

NFC (Near Field Communication) technology allows a phone to wirelessly communicate with a payment terminal or other compatible device. In order to use NFC to make a payment or transfer information, the feature must be enabled on the phone. Therefore, the user should verify that NFC is enabled on their phone before attempting to make a payment with it. The other options, such as turning off airplane mode, connecting to Wi-Fi, or enabling Bluetooth, do not pertain to the NFC feature and are unlikely to resolve the issue. This information is covered in the CompTIA A+ Core2 documents/guide under the Mobile Devices section.

NEW QUESTION 47

A user enabled a mobile device's screen lock function with pattern unlock. The user is concerned someone could access the mobile device by repeatedly attempting random patterns to unlock the device. Which of the following features BEST addresses the user's concern?

- A. Remote wipe
- B. Anti-malware
- C. Device encryption
- D. Failed login restrictions

Answer: A

Explanation:

The feature that BEST addresses the user's concern is remote wipe. This is because remote wipe allows the user to erase all data on the mobile device if it is lost or stolen, which will prevent unauthorized access to the device¹.

NEW QUESTION 48

A systems administrator is tasked with configuring desktop systems to use a new proxy server that the organization has added to provide content filtering. Which of the following Windows utilities IS the BEST choice for accessing the necessary configuration to complete this goal?

- A. Security and Maintenance
- B. Network and Sharing Center
- C. Windows Defender Firewall
- D. Internet Options

Answer: D

Explanation:

The best choice for accessing the necessary configuration to configure the desktop systems to use a new proxy server is the Internet Options utility. This utility can be found in the Control Panel and allows you to configure the proxy settings for your network connection. As stated in the CompTIA A+ Core 2 exam objectives, technicians should be familiar with the Internet Options utility and how to configure proxy settings.

NEW QUESTION 50

Which of the following Wi-Fi protocols is the MOST secure?

- A. WPA3
- B. WPA-AES
- C. WEP
- D. WPA-TKIP

Answer: A

Explanation:

[https://partners.comptia.org/docs/default-source/resources/comptia-a-220-1102-exam-objectives-\(3-0\)](https://partners.comptia.org/docs/default-source/resources/comptia-a-220-1102-exam-objectives-(3-0))

NEW QUESTION 53

In which of the following scenarios would remote wipe capabilities MOST likely be used? (Select TWO).

- A. A new IT policy requires users to set up a lock screen PIN.
- B. A user is overseas and wants to use a compatible international SIM Card.
- C. A user left the phone at home and wants to prevent children from gaining access to the phone.
- D. A user traded in the company phone for a cell carrier upgrade by mistake.
- E. A user cannot locate the phone after attending a play at a theater.
- F. A user forgot the phone in a taxi, and the driver called the company to return the device.

Answer: EF

Explanation:

Remote wipe capabilities are used to erase all data on a mobile device remotely. This can be useful in situations where a device is lost or stolen, or when sensitive data needs to be removed from a device. Remote wipe capabilities are most likely to be used in the following scenarios:

E. A user cannot locate the phone after attending a play at a theater. F. A user forgot the phone in a taxi, and the driver called the company to return the device¹
In scenario E, remote wipe capabilities would be used to prevent unauthorized access to the device and to protect sensitive data. In scenario F, remote wipe capabilities would be used to erase all data on the device before it is returned to the user.

NEW QUESTION 55

A technician has an external SSD. The technician needs to read and write to an external SSD on both Macs and Windows PCs. Which of the following filesystems is supported by both OS types?

- A. NTFS
- B. APFS
- C. ext4
- D. exFAT

Answer: D

Explanation:

The filesystem that is supported by both Macs and Windows PCs is D. exFAT. exFAT is a file system that is designed to be used on flash drives like USB sticks and SD cards. It is supported by both Macs and Windows PCs, and it can handle large files and volumes

<https://www.diskpart.com/articles/file-system-for-mac-and-windows-0310.html>

NEW QUESTION 58

An Android user reports that when attempting to open the company's proprietary mobile application it immediately doses. The user states that the issue persists, even after rebooting the phone. The application contains critical information that cannot be lost. Which of the following steps should a systems administrator attempt FIRST?

- A. Uninstall and reinstall the application
- B. Reset the phone to factory settings
- C. Install an alternative application with similar functionality
- D. Clear the application cache.

Answer: D

Explanation:

The systems administrator should clear the application cache^{1e2}

If clearing the application cache does not work, the systems administrator should uninstall and reinstall the application¹²

Resetting the phone to factory settings is not necessary at this point¹²

Installing an alternative application with similar functionality is not necessary at this point¹²

NEW QUESTION 62

A technician is troubleshooting an issue involving programs on a Windows 10 machine that are loading on startup but causing excessive boot times. Which of the following should the technician do to selectively prevent programs from loading?

- A. Right-click the Windows button, then select Run entering shell startup and clicking OK, and then move items one by one to the Recycle Bin
- B. Remark out entries listed HKEY_LOCAL_MACHINE>SOFTWARE>Microsoft>Windows>CurrentVersion>Run
- C. Manually disable all startup tasks currently listed as enabled and reboot checking for issue resolution at startup
- D. Open the Startup tab and methodically disable items currently listed as enabled and reboot, checking for issue resolution at each startup.

Answer: D

Explanation:

This is the most effective way to selectively prevent programs from loading on a Windows 10 machine. The Startup tab can be accessed by opening Task Manager and then selecting the Startup tab. From there, the technician can methodically disable items that are currently listed as enabled, reboot the machine, and check for issue resolution at each startup. If the issue persists, the technician can then move on to disabling the next item on the list.

NEW QUESTION 66

A user is being directed by the help desk to look up a Windows PC's network name so the help desk can use a remote administration tool to assist the user. Which of the following commands would allow the user to give the technician the correct information? (Select TWO).

- A. ipconfig /all
- B. hostname
- C. netstat /?
- D. nslookup localhost
- E. arp -a
- F. ping :: 1

Answer: AB

Explanation:

The user can use the following commands to give the technician the correct information: ipconfig /all and hostname.

The ipconfig /all command displays the IP address, subnet mask, and default gateway all adapters on the computer. The hostname command displays the name of the computer.

NEW QUESTION 69

A user reports a PC is running slowly. The technician suspects high disk I/O. Which of the following should the technician perform NEXT?

- A. resmon.exe
- B. dfrgui.exe
- C. msinfo32.exe
- D. msconfig.exe

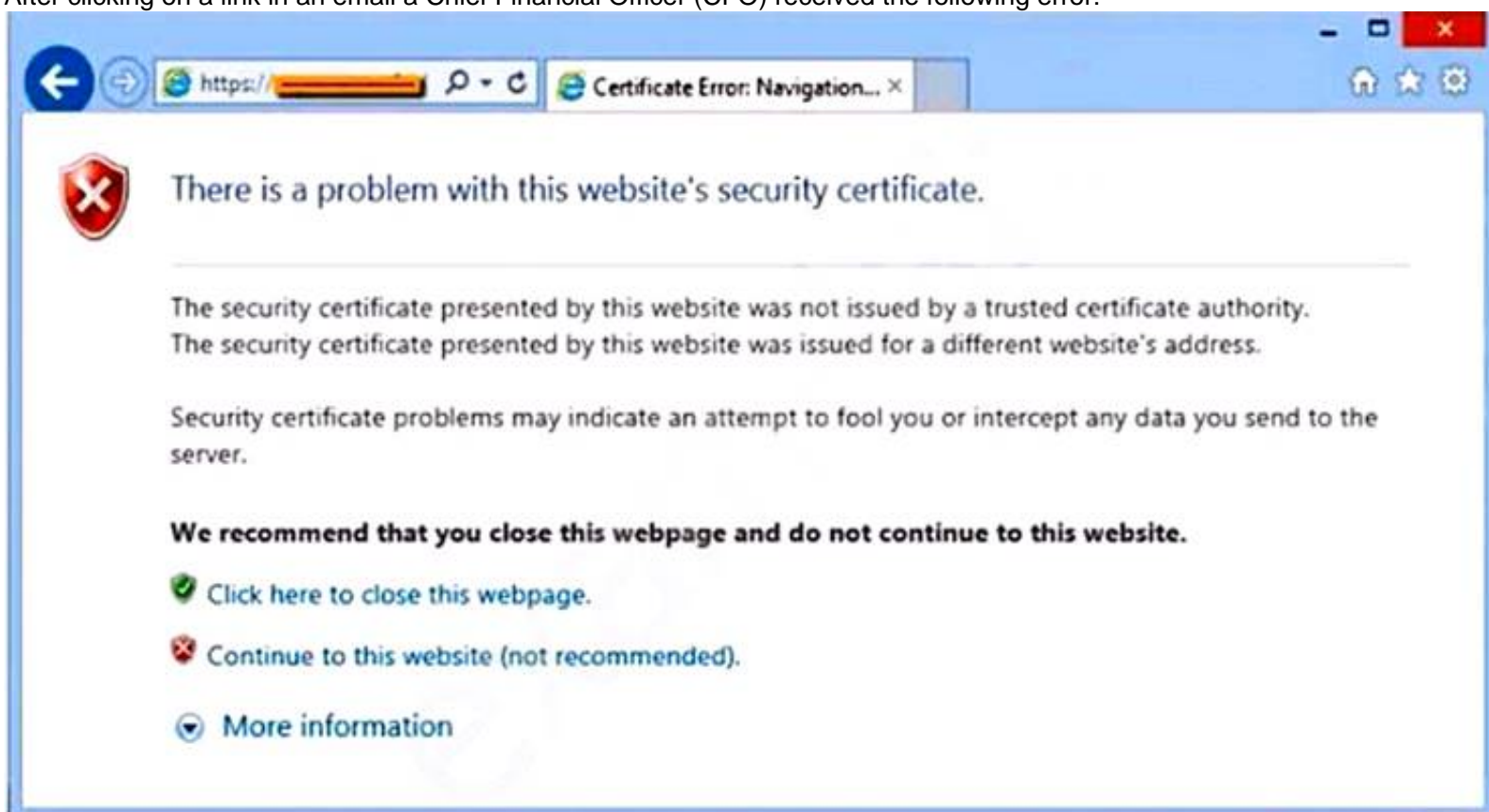
Answer: A

Explanation:

If a technician suspects high disk I/O, the technician should use the Resource Monitor (resmon.exe) to identify the process that is causing the high disk I/O. Resource Monitor provides detailed information about the system's resource usage, including disk I/O. The technician can use this information to identify the process that is causing the high disk I/O and take appropriate action.

NEW QUESTION 70

After clicking on a link in an email a Chief Financial Officer (CFO) received the following error:



The CFO then reported the incident to a technician. The link is purportedly to the organization's bank. Which of the following should the technician perform FIRST?

- A. Update the browser's CRLs
- B. File a trouble ticket with the bank.
- C. Contact the ISP to report the CFO's concern
- D. Instruct the CFO to exit the browser

Answer: A

Explanation:

The technician should update the browser's CRLs first. The error message indicates that the certificate revocation list (CRL) is not up to date. Updating the CRLs will ensure that the browser can verify the authenticity of the bank's website.

NEW QUESTION 71

Which of the following is a proprietary Cisco AAA protocol?

- A. TKIP
- B. AES
- C. RADIUS
- D. TACACS+

Answer: D

Explanation:

TACACS+ is a proprietary Cisco AAA protocol

NEW QUESTION 75

A technician suspects the boot disk of a user's computer contains bad sectors. Which of the following should the technician verify in the command prompt to address the issue without making any changes?

- A. Run sfc / scannow on the drive as the administrator.
- B. Run cleanmgr on the drive as the administrator
- C. Run chkdsk on the drive as the administrator.
- D. Run dfrgui on the drive as the administrator.

Answer: C

Explanation:

The technician should verify bad sectors on the user's computer by running chkdsk on the drive as the administrator. Chkdsk (check disk) is a command-line utility that detects and repairs disk errors, including bad sectors. It runs a scan of the disk and displays any errors that are found

NEW QUESTION 76

A technician is troubleshooting a customer's PC and receives a phone call. The technician does not take the call and sets the phone to silent. Which of the following BEST describes the technician's actions?

- A. Avoid distractions
- B. Deal appropriately with customer's confidential material .
- C. Adhere to user privacy policy
- D. Set and meet timelines

Answer: A

Explanation:

The technician's action of setting the phone to silent while troubleshooting the customer's PC is an example of avoiding distractions. By setting the phone to silent, the technician is ensuring that they are able to focus on the task at hand without any distractions that could potentially disrupt their workflow. This is an important practice when handling customer's confidential material, as it ensures that the technician is able to focus on the task and not be distracted by any external sources. Furthermore, it also adheres to user privacy policies, as the technician is not exposing any confidential information to any external sources.

NEW QUESTION 77

The network was breached over the weekend System logs indicate that a single user's account was successfully breached after 500 attempts with a dictionary attack. Which of the following would BEST mitigate this threat?

- A. Encryption at rest
- B. Account lockout
- C. Automatic screen lock
- D. Antivirus

Answer: B

Explanation:

Account lockout would best mitigate the threat of a dictionary attack1

NEW QUESTION 82

A company is Issuing smartphones to employees and needs to ensure data is secure if the devices are lost or stolen. Which of the following provides the BEST solution?

- A. Anti-malware
- B. Remote wipe
- C. Locator applications
- D. Screen lock

Answer: B

Explanation:

This is because remote wipe allows the data on the smartphone to be erased remotely, which helps to ensure that sensitive data does not fall into the wrong hands.

NEW QUESTION 84

A police officer often leaves a workstation for several minutes at a time. Which of the following is the BEST way the officer can secure the workstation quickly when walking away?

- A. Use a key combination to lock the computer when leaving.
- B. Ensure no unauthorized personnel are in the area.
- C. Configure a screensaver to lock the computer automatically after approximately 30 minutes of inactivity.
- D. Turn off the monitor to prevent unauthorized visibility of information.

Answer: A

Explanation:

The BEST way to secure the workstation quickly when walking away is to use a key combination to lock the computer when leaving1

NEW QUESTION 86

An administrator has received approval for a change request for an upcoming server deployment. Which of the following steps should be completed NEXT?

- A. Perform a risk analysis.
- B. Implement the deployment.
- C. Verify end user acceptance
- D. Document the lessons learned.

Answer: A

Explanation:

Before making any changes to the system, it is important to assess the risks associated with the change and determine whether it is worth implementing. Risk analysis involves identifying potential risks, assessing their likelihood and impact, and determining what steps can be taken to mitigate them. It is important to perform this step before making any changes, as this allows the administrator to make an informed decision about whether or not the change should be implemented. Once the risks have been assessed and the administrator has decided to go ahead with the change, the next step is to implement the deployment.

NEW QUESTION 88

A user calls the help desk to report potential malware on a computer. The anomalous activity began after the user clicked a link to a free gift card in a recent email. The technician asks the user to describe any unusual activity, such as slow performance, excessive pop-ups, and browser redirections. Which of the following should the technician do NEXT?

- A. Advise the user to run a complete system scan using the OS anti-malware application
- B. Guide the user to reboot the machine into safe mode and verify whether the anomalous activities are still present
- C. Have the user check for recently installed applications and outline those installed since the link in the email was clicked
- D. Instruct the user to disconnect the Ethernet connection to the corporate network.

Answer: D

Explanation:

First thing you want to do is quarantine/disconnect the affected system from the network so whatever malicious software doesn't spread.

NEW QUESTION 91

A technician is tasked with configuring a computer for a visually impaired user. Which of the following utilities should the technician use?

- A. Device Manager
- B. System
- C. Ease of Access Center
- D. Programs and Features

Answer: C

Explanation:

The Ease of Access Center is a built-in utility in Windows that provides tools and options for making a computer easier to use for individuals with disabilities, including the visually impaired. In the Ease of Access Center, the technician can turn on options like high contrast display, screen magnification, and screen reader software to help the user better interact with the computer.

NEW QUESTION 96

Before leaving work, a user wants to see the traffic conditions for the commute home. Which of the following tools can the user employ to schedule the browser to automatically launch a traffic website at 4:45 p.m.?

- A. taskschd.msc
- B. perfmon.msc
- C. lusrmgr.msc
- D. Eventvwr.msc

Answer: A

Explanation:

The user can use the Task Scheduler (taskschd.msc) to schedule the browser to automatically launch a traffic website at 4:45 p.m. The Task Scheduler is a tool in Windows that allows users to schedule tasks to run automatically at specified times or in response to certain events.

NEW QUESTION 100

Which of the following is an example of MFA?

- A. Fingerprint scan and retina scan
- B. Password and PIN
- C. Username and password

D. Smart card and password

Answer: D

Explanation:

Smart card and password is an example of two-factor authentication (2FA), not multi-factor authentication (MFA). MFA requires two or more authentication factors. Smart card and password is an example of two-factor authentication (2FA)²

NEW QUESTION 104

Which of the following is the MOST important environmental concern inside a data center?

- A. Battery disposal
- B. Electrostatic discharge mats
- C. Toner disposal
- D. Humidity levels

Answer: D

Explanation:

One of the most important environmental concerns inside a data center is the level of humidity. High levels of humidity can cause condensation, which can result in corrosion of components and other equipment. Low levels of humidity can cause static electricity to build up, potentially leading to electrostatic discharge (ESD) and damage to components. Therefore, it is crucial to maintain a relative humidity range of 40-60% in a data center to protect the equipment and ensure proper operation.

NEW QUESTION 107

A user needs assistance changing the desktop wallpaper on a Windows 10 computer. Which of the following methods will enable the user to change the wallpaper using a Windows 10 Settings tool?

- A. Open Settings, select Accounts, select, Your info, click Browse, and then locate and open the image the user wants to use as the wallpaper
- B. Open Settings, select Personalization, click Browse, and then locate and open the image the user wants to use as the wallpaper
- C. Open Settings, select System, select Display, click Browse, and then locate and open the image the user wants to use as the wallpaper
- D. Open Settings, select Apps, select Apps & features, click Browse, and then locate and open the image the user wants to use as the wallpaper.

Answer: B

Explanation:

To change the desktop wallpaper on a Windows 10 computer using a Windows 10 Settings tool, the user should open Settings, select Personalization, click Browse, and then locate and open the image the user wa to use as the wallpaper¹
<https://www.lifewire.com/change-desktop-background-windows-11-5190733>

NEW QUESTION 110

A user receives a notification indicating the data plan on the user's corporate phone has reached its limit. The user has also noted the performance of the phone is abnormally slow. A technician discovers a third-party GPS application was installed on the phone. Which of the following is the MOST likely cause?

- A. The GPS application is installing software updates.
- B. The GPS application contains malware.
- C. The GPS application is updating its geospatial map data.
- D. The GPS application is conflicting with the built-in GPS.

Answer: B

Explanation:

The GPS application contains malware. The third-party GPS application is likely the cause of the slow performance of the phone. The application may contain malware that is using up system resources and slowing down the phone. The user should uninstall the application and run a malware scan on the phone¹

NEW QUESTION 115

Which of the following should be used to control security settings on an Android phone in a domain environment?

- A. MDM
- B. MFA
- C. ACL
- D. SMS

Answer: A

Explanation:

The best answer to control security settings on an Android phone in a domain environment is to use "Mobile Device Management (MDM)". MDM is a type of software that is used to manage and secure mobile devices such as smartphones and tablets. MDM can be used to enforce security policies, configure settings, and remotely wipe data from devices. In a domain environment, MDM can be used to manage Android phones and enforce security policies such as password requirements, encryption, and remote wipe capabilities¹²

NEW QUESTION 117

A technician at a customer site is troubleshooting a laptop A software update needs to be downloaded but the company's proxy is blocking traffic to the update site. Which of the following should the technician perform?

- A. Change the DNS address to 1.1.1.1
- B. Update Group Policy

- C. Add the site to the client's exceptions list
- D. Verify the software license is current.

Answer: C

Explanation:

The technician should add the update site to the client's exceptions list to bypass the proxy. This can be done through the client's web browser settings, where the proxy settings can be configured. By adding the update site to the exceptions list, the client will be able to access the site and download the software update.

NEW QUESTION 119

A user reports a workstation has been performing strangely after a suspicious email was opened on it earlier in the week. Which of the following should the technician perform FIRST?

- A. Escalate the ticket to Tier 2.
- B. Run a virus scan.
- C. Utilize a Windows restore point.
- D. Reimage the computer.

Answer: B

Explanation:

[https://partners.comptia.org/docs/default-source/resources/comptia-a-220-1102-exam-objectives-\(3-0\)](https://partners.comptia.org/docs/default-source/resources/comptia-a-220-1102-exam-objectives-(3-0))

When a user reports that their workstation is behaving strangely after opening a suspicious email, the first step a technician should take is to run a virus scan on the computer. This is because opening a suspicious email is a common way for viruses and malware to infect a computer. Running a virus scan can help identify and remove any infections that may be causing the computer to behave strangely.

NEW QUESTION 120

A technician receives a call from a user who is on vacation. The user provides the necessary credentials and asks the technician to log in to the user's account and read a critical email that the user has been expecting. The technician refuses because this is a violation of the:

- A. acceptable use policy.
- B. regulatory compliance requirements.
- C. non-disclosure agreement
- D. incident response procedures

Answer: A

Explanation:

Logging into a user's account without their explicit permission is a violation of the acceptable use policy, which outlines the rules and regulations by which a user must abide while using a computer system. By logging into the user's account without their permission, the technician would be violating this policy. Additionally, this action could be seen as a breach of confidentiality, as the technician would have access to information that should remain confidential.

NEW QUESTION 121

Which of the following is the MOST basic version of Windows that includes BitLocker?

- A. Home
- B. pro
- C. Enterprise
- D. Pro for Workstations

Answer: D

Explanation:

The most basic version of Windows that includes BitLocker is Windows Pro. BitLocker is a feature of Windows Pro that provides full disk encryption for all data on a storage drive [1]. It helps protect data from unauthorized access or theft and can help secure data from malicious attacks. Pro for Workstations includes this feature, as well as other features such as support for up to 6 TB of RAM and ReFS.

NEW QUESTION 122

A user corrects a laptop that is running Windows 10 to a docking station with external monitors when working at a desk. The user would like to close the laptop when it is docked, but the user reports it goes to sleep when it is closed. Which of the following is the BEST solution to prevent the laptop from going to sleep when it is closed and on the docking station?

- A. Within the Power Options of the Control Panel utility click the Change Plan Settings button for the enabled power plan and select Put the Computer to Sleep under the Plugged In category to Never
- B. Within the Power Options of the Control Panel utility, click the Change Plan Settings button for the enabled power plan and select Put the Computer to Sleep under the On Battery category to Never
- C. Within the Power Options of the Control Panel utility select the option Choose When to Turn Off the Display and select Turn Off the Display under the Plugged In category to Never
- D. Within the Power Options of the Control Panel utility, select the option Choose What Closing the Lid Does and select When I Close the Lid under the Plugged in category to Do Nothing

Answer: D

Explanation:

The laptop has an additional option under power and sleep settings that desktops do not have. Switching to do nothing prevents the screen from turning off when closed.

NEW QUESTION 126

A technician is installing a new business application on a user's desktop computer. The machine is running Windows 10 Enterprise 32-bit operating system. Which of the following files should the technician execute in order to complete the installation?

- A. Installer_x64.exe
- B. Installer_Files.zip
- C. Installer_32.msi
- D. Installer_x86.exe
- E. Installer_Win10Enterprise.dmg

Answer: D

Explanation:

The 32-bit operating system can only run 32-bit applications, so the technician should execute the 32-bit installer. The "x86" in the file name refers to the 32-bit architecture.

<https://www.digitaltrends.com/computing/32-bit-vs-64-bit-operating-systems/>

NEW QUESTION 128

A user calls the help desk to report that none of the files on a PC will open. The user also indicates a program on the desktop is requesting payment in exchange for file access. A technician verifies the user's PC is infected with ransomware. Which of the following should the technician do FIRST?

- A. Scan and remove the malware
- B. Schedule automated malware scans
- C. Quarantine the system
- D. Disable System Restore

Answer: C

Explanation:

The technician should quarantine the system first.

NEW QUESTION 133

A technician is configuring a new Windows laptop. Corporate policy requires that mobile devices make use of full disk encryption at all times. Which of the following encryption solutions should the technician choose?

- A. Encrypting File System
- B. FileVault
- C. BitLocker
- D. Encrypted LVM

Answer: A

Explanation:

The encryption solution that the technician should choose when configuring a new Windows laptop and corporate policy requires that mobile devices make use of full disk encryption at all times is BitLocker. This is because BitLocker is a full-disk encryption feature that encrypts all data on a hard drive and is included with Windows.

NEW QUESTION 137

A user has a license for an application that is in use on a personal home laptop. The user approaches a systems administrator about using the same license on multiple computers on the corporate network. Which of the following BEST describes what the systems administrator should tell the user?

- A. Use the application only on the home laptop because it contains the initial license.
- B. Use the application at home and contact the vendor regarding a corporate license.
- C. Use the application on any computer since the user has a license.
- D. Use the application only on corporate computers.

Answer: B

Explanation:

Use the application at home and contact the vendor regarding a corporate license. The user should use the application only on the home laptop because it contains the initial license. The user should contact the vendor regarding a corporate license if they want to use the application on multiple computers on the corporate network.

NEW QUESTION 139

A user wants to set up speech recognition on a PC. In which of the following Windows Settings tools can the user enable this option?

- A. Language
- B. System
- C. Personalization
- D. Ease of Access

Answer: D

Explanation:

The user can enable speech recognition on a PC in the Ease of Access settings tool. To set up Speech Recognition on a Windows PC, the user should open Control Panel, click on Ease of Access, click on Speech Recognition, and click the Start Speech Recognition link. Language settings can be used to change the language of the speech recognition feature, but they will not enable the feature. System settings can be used to configure the hardware and software of the PC, but they will not enable the speech recognition.

feature. Personalization settings can be used to customize the appearance and behavior of the PC, but they will not enable the speech recognition feature¹
Open up ease of access, click on speech, then there is an on and off button for speech recognition.

NEW QUESTION 144

A technician is working to resolve a Wi-Fi network issue at a doctor's office that is located next to an apartment complex. The technician discovers that employees and patients are not the only people on the network. Which of the following should the technician do to BEST minimize this issue?

- A. Disable unused ports.
- B. Remove the guest network
- C. Add a password to the guest network
- D. Change the network channel.

Answer: D

Explanation:

Changing the network channel is the best solution to minimize the issue of employees and patients not being the only people on the Wi-Fi network⁵

References: 3. Sample CompTIA Security+ exam questions and answers. Retrieved from

<https://www.techtarget.com/searchsecurity/quiz/Sample-CompTIA-Security-exam-questions-and-answers>

NEW QUESTION 149

Which of the following must be maintained throughout the forensic evidence life cycle when dealing with a piece of evidence?

- A. Acceptable use
- B. Chain of custody
- C. Security policy
- D. Information management

Answer: B

Explanation:

The aspect of forensic evidence life cycle that must be maintained when dealing with a piece of evidence is chain of custody. This is because chain of custody is the documentation of the movement of evidence from the time it is collected to the time it is presented in court, and it is important to maintain the integrity of the evidence

NEW QUESTION 151

Which of the following Linux commands would be used to install an application?

- A. yum
- B. grep
- C. ls
- D. sudo

Answer: D

Explanation:

The Linux command used to install an application is sudo. The sudo command allows users to run programs with the security privileges of another user, such as the root user. This is necessary to install applications because it requires administrative privileges¹

NEW QUESTION 154

A user reports that a PC seems to be running more slowly than usual. A technician checks system resources, but disk, CPU, and memory usage seem to be fine. The technician sees that GPU temperature is extremely high. Which of the following types of malware is MOST likely to blame?

- A. Spyware
- B. Cryptominer
- C. Ransormvare
- D. Boot sector virus

Answer: B

Explanation:

The type of malware that is most likely to blame for a PC running more slowly than usual and having an extremely high GPU temperature is a "cryptominer". Cryptominers are a type of malware that use the resources of a computer to mine cryptocurrency. This can cause the computer to run more slowly than usual and can cause the GPU temperature to rise. Spyware is a type of malware that is used to spy on a user's activities, but it does not typically cause high GPU temperatures. Ransomware is a type of malware that encrypts a user's files and demands payment to unlock them, but it does not typically cause high GPU temperatures. Boot sector viruses are a type of malware that infects the boot sector of a hard drive, but they do not typically cause high GPU temperatures¹²

NEW QUESTION 159

Which of the following should be done NEXT?

- A. Send an email to Telecom to inform them of the issue and prevent reoccurrence.
- B. Close the ticket out.
- C. Tell the user to take time to fix it themselves next time.
- D. Educate the user on the solution that was performed.

Answer: D

Explanation:

educating the user on the solution that was performed is a good next step after resolving an issue. This can help prevent similar issues from happening again and empower users to solve problems on their own.

NEW QUESTION 161

A user reports that antivirus software indicates a computer is infected with viruses. The user thinks this happened while browsing the internet. The technician does not recognize the interface with which the antivirus message is presented. Which of the following is the NEXT step the technician should take?

- A. Shut down the infected computer and swap it with another computer
- B. Investigate what the interface is and what triggered it to pop up
- C. Proceed with initiating a full scan and removal of the viruses using the presented interface
- D. Call the phone number displayed in the interface of the antivirus removal tool

Answer: B

Explanation:

The technician should not proceed with initiating a full scan and removal of the viruses using the presented interface or call the phone number displayed in the interface of the antivirus removal tool¹²

Shutting down the infected computer and swapping it with another computer is not necessary at this point¹² The technician should not immediately assume that the message is legitimate or perform any actions without knowing what the interface is and what triggered it to pop up. It is important to investigate the issue further, including checking the legitimacy of the antivirus program and the message it is displaying.

NEW QUESTION 166

A user receives a notification indicating the antivirus protection on a company laptop is out of date. A technician is able to ping the user's laptop. The technician checks the antivirus parent servers and sees the latest signatures have been installed. The technician then checks the user's laptop and finds the antivirus engine and definitions are current. Which of the following has MOST likely occurred?

- A. Ransomware
- B. Failed OS updates
- C. Adware
- D. Missing system files

Answer: B

Explanation:

The most likely reason for the antivirus protection on a company laptop being out of date is failed OS updates¹. Antivirus software relies on the operating system to function properly. If the operating system is not up-to-date, the antivirus software may not function properly and may not be able to receive the latest virus definitions and updates². Therefore, it is important to keep the operating system up-to-date to ensure the antivirus software is functioning properly².

NEW QUESTION 169

A technician is working with a company to determine the best way to transfer sensitive personal information between offices when conducting business. The company currently uses USB drives and is resistant to change. The company's compliance officer states that all media at rest must be encrypted. Which of the following would be the BEST way to secure the current workflow?

- A. Deploy a secondary hard drive with encryption on the appropriate workstation
- B. Configure a hardened SFTP portal for file transfers between file servers
- C. Require files to be individually password protected with unique passwords
- D. Enable BitLocker To Go with a password that meets corporate requirements

Answer: D

Explanation:

The BEST way to secure the current workflow of transferring sensitive personal information between offices when conducting business is to enable BitLocker To Go with a password that meets corporate requirements. This is because BitLocker To Go is a full-disk encryption feature that encrypts all data on a USB drive, which is what the company currently uses, and requires a password to access the data.

NEW QUESTION 173

A technician wants to enable BitLocker on a Windows 10 laptop and is unable to find the BitLocker Drive Encryption menu item in Control Panel. Which of the following explains why the technician is unable to find this menu item?

- A. The hardware does not meet BitLocker's minimum system requirements.
- B. BitLocker was renamed for Windows 10.
- C. BitLocker is not included on Windows 10 Home.
- D. BitLocker was disabled in the registry of the laptop

Answer: C

Explanation:

BitLocker is only available on Windows 10 Pro, Enterprise, and Education edition^{1s}. Therefore, the technician is unable to find the BitLocker Drive Encryption menu item in Control Panel because it is not included in the Windows 10 Home edition¹.

NEW QUESTION 177

A technician needs to recommend the best backup method that will mitigate ransomware attacks. Only a few files are regularly modified, however, storage space is a concern. Which of the following backup methods would BEST address these concerns?

- A. Full
- B. Differential
- C. Off-site

D. Grandfather-father-son

Answer: B

Explanation:

The differential backup method would best address these concerns. Differential backups only back up files that have changed since the last full backup, which means that only a few files would be backed up each time. This would help to mitigate the risk of ransomware attacks, as only a few files would be affected if an attack occurred. Additionally, differential backups require less storage space than full backups.

NEW QUESTION 179

A user created a file on a shared drive and wants to prevent its data from being accidentally deleted by others. Which of the following applications should the technician use to assist the user with hiding the file?

- A. Device Manager
- B. Indexing Options
- C. File Explorer
- D. Administrative Tools

Answer: C

Explanation:

The technician should use the File Explorer application to assist the user with hiding the file 1. The user can right-click the file and select Properties. In the Properties dialog box, select the Hidden check box, and then click OK 1.

NEW QUESTION 183

Following a recent power outage, several computers have been receiving errors when booting. The technician suspects file corruption has occurred. Which of the following steps should the technician try FIRST to correct the issue?

- A. Rebuild the Windows profiles.
- B. Restore the computers from backup.
- C. Reimage the computers.
- D. Run the System File Checker.

Answer: D

Explanation:

The technician should run the System File Checker (SFC) first to correct file corruption errors on computers after a power outage. SFC is a command-line utility that scans for and repairs corrupted system files. It can be run from the command prompt or from the Windows Recovery Environment. Rebuilding the Windows profiles, restoring the computers from backup, and reimaging the computers are more drastic measures that should be taken only if SFC fails to correct the issue1

NEW QUESTION 187

A Windows user reported that a pop-up indicated a security issue. During inspection, an antivirus system identified malware from a recent download, but it was unable to remove the malware. Which of the following actions would be BEST to remove the malware while also preserving the user's files?

- A. Run the virus scanner in an administrative mode.
- B. Reinstall the operating system.
- C. Reboot the system in safe mode and rescan.
- D. Manually delete the infected files.

Answer: C

Explanation:

Rebooting the system in safe mode will limit the number of programs and processes running, allowing the antivirus system to more effectively identify and remove the malware. Rescanning the system will allow the antivirus system to identify and remove the malware while preserving the user's files.

NEW QUESTION 191

The Chief Executive Officer at a bank recently saw a news report about a high-profile cybercrime where a remote-access tool that the bank uses for support was also used in this crime. The report stated that attackers were able to brute force passwords to access systems. Which of the following would BEST limit the bank's risk? (Select TWO)

- A. Enable multifactor authentication for each support account
- B. Limit remote access to destinations inside the corporate network
- C. Block all support accounts from logging in from foreign countries
- D. Configure a replacement remote-access tool for support cases.
- E. Purchase a password manager for remote-access tool users
- F. Enforce account lockouts after five bad password attempts

Answer: AF

Explanation:

The best ways to limit the bank's risk are to enable multifactor authentication for each support account and enforce account lockouts after five bad password attempts. Multifactor authentication adds an extra layer of security to the login process, making it more difficult for attackers to gain access to systems. Account lockouts after five bad password attempts can help to prevent brute force attacks by locking out accounts after a certain number of failed login attempts.

NEW QUESTION 196

A technician is setting up a SOHO wireless router. The router is about ten years old. The customer would like the most secure wireless network possible. Which of the following should the technician configure?

- A. WPA2 with TKIP
- B. WPA2 with AES
- C. WPA3withAES-256
- D. WPA3 with AES-128

Answer: B

Explanation:

This is because WPA2 with AES is the most secure wireless network configuration that is available on a ten-year-old SOHO wireless router.

NEW QUESTION 197

A technician is setting up a new laptop. The company's security policy states that users cannot install virtual machines. Which of the following should the technician implement to prevent users from enabling virtual technology on their laptops?

- A. UEFI password
- B. Secure boot
- C. Account lockout
- D. Restricted user permissions

Answer: B

Explanation:

A technician setting up a new laptop must ensure that users cannot install virtual machines as the company's security policy states One way to prevent users from enabling virtual technology is by implementing Secure Boot. Secure Boot is a feature of UEFI firmware that ensures the system only boots using firmware that is trusted by the manufacturer. It verifies the signature of all bootloaders, operating systems, and drivers before running them, preventing any unauthorized modifications to the boot process. This will help prevent users from installing virtual machines on the laptop without authorization.

NEW QUESTION 198

Which of the following is MOST likely contained in an EULA?

- A. Chain of custody
- B. Backup of software code
- C. Personally identifiable information
- D. Restrictions of use

Answer: D

Explanation:

An EULA (End-User License Agreement) is a legally binding contract between a software supplier and a customer or end-user, generally made available to the customer via a retailer acting as an intermediary. A EULA specifies in detail the rights and restrictions which apply to the use of the software. Some of the main terms included in an EULA are the terms and scope of the license, any licensing fees, warranties and disclaimers, limitation of liability, revocation or termination of the license, and intellectual property information and restrictions on using the license (e.g. modification and copying1)
<https://www.termsfeed.com/blog/eula-vs-terms-conditions/>

NEW QUESTION 202

A technician is installing new software on a macOS computer. Which of the following file types will the technician MOST likely use?

- A. .deb
- B. .vbs
- C. .exe
- D. .app

Answer: D

Explanation:

The file type that the technician will MOST likely use when installing new software on a macOS computer is .a pp. This is because .app is the file extension for applications on macOS.

NEW QUESTION 204

A technician found that an employee is mining cryptocurrency on a work desktop. The company has decided that this action violates its guidelines. Which of the following should be updated to reflect this new requirement?

- A. MDM
- B. EULA
- C. IRP
- D. AUP

Answer: D

Explanation:

AUP (Acceptable Use Policy) should be updated to reflect this new requirement. The AUP is a document that outlines the acceptable use of technology within an organization. It is a set of rules that employees must follow when using company resources. The AUP should be updated to include a policy on cryptocurrency mining on work desktops

NEW QUESTION 206

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