CompTIA

Exam Questions 220-1102

CompTIA A+ Certification Exam: Core 2

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NEW QUESTION 1
An employee has repeatedly contacted a technician about malware infecting a work computer. The technician has removed the malware several times, but the user's PC keeps getting infected. Which of the following should the technician do to reduce the risk of future infections?

A. Configure the firewall.
B. Restore the system from backups.
C. Educate the end user
D. Update the antivirus program.

Answer: C

Explanation:
Malware is software that infects computer systems to damage, disable or exploit the computer or network for various malicious purposes5. Malware is typically distributed via email attachments, fake internet ads, infected applications or websites, and often relies on user interaction to execute6. Therefore, one of the most effective ways to prevent malware infections is to educate the end user about the common signs and sources of malware, and how to avoid them7. Configuring the firewall, restoring the system from backups, and updating the antivirus program are also important security measures, but they do not address the root cause of the user's repeated infections, which is likely due to a lack of awareness or caution.
References5: Malware: what it is, how it works, and how to stop it - Norton6: How to Prevent Malware: 15 Best Practices for Malware Prevention7: 10 Security Tips for How to Prevent Malware Infections - Netwrix

NEW QUESTION 2
When trying to access a secure internal network, the user receives an error messaging stating, "There is a problem with this website's security certificate." The user reboots the desktop and tries to access the website again, but the issue persists. Which of the following should the user do to prevent this error from reoccurring?

A. Reimage the system and install SSL.
B. Install Trusted Root Certificate.
C. Select View Certificates and then Install Certificate.
D. Continue to access the website.

Answer: C

Explanation:
The error message indicates that the website's security certificate is not trusted by the user's device, which may prevent the user from accessing the secure internal network. To resolve this issue, the user can view the certificate details and install it on the device, which will add it to the trusted root certificate store. Reimaging the system and installing SSL, installing Trusted Root Certificate, or continuing to access the website are not recommended solutions, as they may compromise the security of the device or the network.

NEW QUESTION 3
A company recently experienced a security incident in which a USB drive containing malicious software was able to covertly install malware on a workstation. Which of the following actions should be taken to prevent this incident from happening again? (Select two).

A. Install a host-based IDS.
B. Restrict log-in times.
C. Enable a BIOS password.
D. Update the password complexity.
E. Disable AutoRun.
F. Update the antivirus definitions.
G. Restrict user permissions.

Answer: EG

Explanation:
AutoRun is a feature of Windows that automatically executes a program or file when a removable media such as a USB drive is inserted into the computer. Disabling AutoRun can prevent a USB drive containing malicious software from covertly installing malware on a workstation, as it would require the user to manually open the drive and run the file. Restricting user permissions can also prevent a USB drive containing malicious software from covertly installing malware on a workstation, as it would limit the user's ability to execute or install unauthorized programs or files. Installing a host-based IDS, restricting log-in times, enabling a BIOS password, updating the password complexity, and updating the antivirus definitions are not actions that can directly prevent this incident from happening again.

NEW QUESTION 4
A systems administrator is monitoring an unusual amount of network traffic from a kiosk machine and needs to Investigate to determine the source of the traffic. Which of the following tools can the administrator use to view which processes on the kiosk machine are connecting to the internet?

A. Resource Monitor
B. Performance Monitor
C. Command Prompt
D. System Information

Answer: A

Explanation:
Resource Monitor is a tool that shows the network activity of each process on a Windows machine, including the TCP connections and the sent and received bytes. Performance Monitor is a tool that shows the performance metrics of the system, such as CPU, memory, disk and network usage. Command Prompt is a tool that allows running commands and scripts on a Windows machine. System Information is a tool that shows the hardware and software configuration of a Windows machine. Verified References:

https://www.comptia.org/blog/how-to-use-resource-monitor https://www.comptia.org/certifications/a

NEW QUESTION 5
Which of the following data is MOST likely to be regulated?

A. Name in a Phone book
B. Name on a medical diagnosis
C. Name on a job application
D. Name on a employer's website

Answer: B

Explanation:
A name on a medical diagnosis (B) is most likely to be regulated. This is because it falls under the category of protected health information (PHI), which is subject to regulations such as the Health Insurance Portability and Accountability Act (HIPAA) in the United States. These regulations aim to protect the privacy and security of individuals' health information.

NEW QUESTION 6
A hotel's Wi-Fi was used to steal information on a corporate laptop. A technician notes the following security log:
SRC: 192.168.1.1/secrets.zip Protocol SMB >> DST: 192.168.1.50/capture The technician analyses the following Windows firewall information:

Port	Status	Direction
1	Open	In/Out
445	Open	In/Out
25	Open	Out
110	Open	In/Out
53	Open	In/Out

Which of the following protocols most likely allowed the data theft to occur?

A. 1
B. 53
C. 110
D. 445

Answer: D

Explanation:
The protocol that most likely allowed the data theft to occur is SMB over TCP port 445. SMB is a network file sharing protocol that enables access to files, printers, and other resources on a network. Port 445 is used by SMB to communicate directly over TCP without the need for NetBIOS, which is an older and less secure protocol. The security log shows that the source IP address 192.168.1.1 sent a file named secrets.zip using SMB protocol to the destination IP address 192.168.1.50, which captured the file. The Windows firewall information shows that port 445 is enabled for inbound and outbound traffic, which means that it is not blocked by the firewall. Therefore, port 445 is the most likely port that was exploited by the attacker to steal the data from the corporate laptop.
References:
? SMB port number: Ports 445, 139, 138, and 137 explained1
? What is an SMB Port + Ports 445 and 139 Explained2
? CompTIA A+ Certification Exam Core 2 Objectives3

NEW QUESTION 7
A technician installs specialized software on a workstation. The technician then attempts to run the software. The workstation displays a message indicating the software is not authorized to run. Which of the following should the technician do to most likely resolve the issue?

A. Install the software in safe mode.
B. Attach the external hardware token.
C. Install OS updates.
D. Restart the workstation after installation.

Answer: B

Explanation:
A hardware token is a physical device that provides an additional layer of security for software authorization. Some specialized software may require a hardware token to be attached to the workstation in order to run. A hardware token may contain a cryptographic key, a password, or a one-time code that verifies the user's identity or permission. Installing the software in safe mode, installing OS updates, and restarting the workstation after installation are not likely to resolve the issue of software authorization.

NEW QUESTION 8
A user notices a small USB drive is attached to the user's computer after a new vendor visited the office. The technician notices two files named grabber.exe and output.txt. Which of the following attacks is MOST likely occurring?

A. Trojan
B. Rootkit
C. Cryptominer

D. Keylogger

Answer: D

Explanation:
A keylogger is a type of malware that records the keystrokes of a user and sends them to a remote attacker. A keylogger can be used to steal passwords, credit card numbers, personal information, and other sensitive data. A keylogger can be delivered through a USB drive that contains a malicious executable file, such as grabber.exe, and an output file that stores the captured keystrokes, such as output.txt. The other options are not likely to use this method of attack. References: : https://www.comptia.org/training/resources/exam-objectives/comptia-a-core-2-exam- objectives : https://www.kaspersky.com/resource-center/definitions/keylogger

NEW QUESTION 9
A technician installed Windows 10 on a workstation. The workstation only has 3.5GB of usable RAM, even though the technician installed 8GB. Which of the following is the MOST likely reason this system is not utilizing all the
available RAM?

A. The system is missing updates.
B. The systems utilizing a 32-bit OS.
C. The system's memory is failing.
D. The system requires BIOS updates.

Answer: B

Explanation:
The most likely reason that the system is not utilizing all the available RAM is that it is running a 32-bit OS. A 32-bit OS can only address up to 4GB of RAM, and some of that is reserved for hardware and system use1. Therefore, even if the technician installed 8GB of RAM, the system can only use around 3.5GB of usable RAM. To use the full 8GB of RAM, the technician would need to install a 64-bit OS, which can address much more memory2. The system missing updates, the system's memory failing, or the system requiring BIOS updates are not likely to cause this issue.
References: 2: https://support.microsoft.com/en-us/windows/windows-10-system-requirements-6d4e9a79-66bf-7950-467c-795cf0386715 1: https://www.makeuseof.com/tag/unlock-64gb-ram-32-bit-windows-pae-patch/

NEW QUESTION 10
After a security event, a technician removes malware from an affected laptop and disconnects the laptop from the network. Which of the following should the technician do to prevent the operating system from automatically returning to an infected state?

A. Enable System Restore.
B. Disable System Restore.
C. Enable antivirus.
D. Disable antivirus.
E. Educate the user.

Answer: B

Explanation:
System Restore is a feature that allows the user to revert the system to a previous state. However, this can also restore the malware that was removed by the technician. Disabling System Restore can prevent the operating system from automatically returning to an infected state. Enabling antivirus, educating the user, and enabling System Restore are good preventive measures, but they do not address the question. Disabling antivirus can make the system more vulnerable to malware attacks

NEW QUESTION 10
A user is having phone issues after installing a new application that claims to optimize performance. The user downloaded the application directly from the vendor's website and is now experiencing high network utilization and is receiving repeated security warnings. Which of the following should the technician perform FIRST to mitigate the issue?

A. Reset the phone to factory settings
B. Uninstall the fraudulent application
C. Increase the data plan limits
D. Disable the mobile hotspot.

Answer: B

Explanation:
Installing applications directly from a vendor's website can be risky, as the application may be malicious or fraudulent. Uninstalling the application can help mitigate the issue by removing the source of the problem.

NEW QUESTION 14
A technician installed a new application on a workstation. For the program to function
properly, it needs to be listed in the Path Environment Variable. Which of the following Control Panel utilities should the technician use?

A. System
B. Indexing Options
C. Device Manager
D. Programs and Features

Answer: A

Explanation:
System is the Control Panel utility that should be used to change the Path Environment Variable. The Path Environment Variable is a system variable that specifies the directories where executable files are located. To edit the Path Environment Variable, the technician should go to System > Advanced system settings >

Environment Variables and then select Path from the list of system variables and click Edit.

NEW QUESTION 19
A system drive is nearly full, and a technician needs lo tree up some space. Which of the following tools should the technician use?

A. Disk Cleanup
B. Resource Monitor
C. Disk Defragment
D. Disk Management

Answer: A

Explanation:
Disk Cleanup is a tool that can free up some space on a system drive that is nearly full. It can delete temporary files, cached files, recycle bin files, old system files and other unnecessary data. Resource Monitor is a tool that shows the network activity of each process on a Windows machine. Disk Defragment is a tool that optimizes the performance of a hard drive by rearranging the data into contiguous blocks. Disk Management is a tool that allows creating, formatting, resizing and deleting partitions on a hard drive. Verified References: https://www.comptia.org/blog/how-to-use-disk-cleanup https://www.comptia.org/certifications/a

NEW QUESTION 23
A user requires a drive to be mapped through a Windows command line. Which of the following command-line tools can be utilized to map the drive?

A. gpupdate
B. net use
C. hostname
D. dir

Answer: B

Explanation:
Net use is a command-line tool that can be used to map a drive in Windows. Mapping a drive means assigning a drive letter to a network location or a local folder, which allows the user to access it more easily and quickly. Net use can also be used to disconnect a mapped drive, display information about mapped drives, or connect to shared resources on another computer. Gpupdate, hostname, and dir are not command-line tools that can be used to map a drive.

NEW QUESTION 25
An office is experiencing constant connection attempts to the corporate Wi-Fi. Which of the following should be disabled to mitigate connection attempts?

A. SSID
B. DHCP
C. Firewall
D. SSD

Answer: A

Explanation:
The SSID (Service Set Identifier) is the name of a wireless network that is broadcasted by the router or the Wi-Fi base station. The SSID helps nearby devices to identify and connect to the available networks. However, broadcasting the SSID also exposes the network to potential connection attempts from unauthorized or malicious users. Therefore, disabling the SSID can mitigate connection attempts by making the network invisible or hidden to the devices that are not already connected to it. To connect to a hidden network, the user would need to know the exact SSID and enter it manually. The other options are not related to mitigating connection attempts to the corporate Wi-Fi. DHCP (Dynamic Host Configuration Protocol) is a protocol that assigns IP addresses to the devices on a network. Firewall is a software or hardware device that filters the incoming and outgoing network traffic based on predefined rules. SSD (Solid State Drive) is a type of storage device that uses flash memory to store data. Disabling any of these options would not prevent connection attempts to the Wi-Fi network, and may cause other problems or issues for the network functionality and performance.
References:
? What is SSID + how to find (and change) it1
? Choosing an SSID2
? SSID Meaning: Finding Your Network’s Name3

NEW QUESTION 29
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 31
Which of the following is used as a password manager in the macOS?

A. Terminal
B. FileVault
C. Privacy
D. Keychain

Answer: D

Explanation:
Keychain is a feature of macOS that securely stores passwords, account numbers, and other confidential information for your Mac, apps, servers, and websites1. You can use the Keychain Access app on your Mac to view and manage your keychains and the items stored in them1. Keychain can also sync your passwords across your devices using iCloud Keychain1. Keychain can be used as a password manager in macOS to help you keep track of and protect your passwords. References: 1: Manage passwords using keychains on Mac (https://support.apple.com/guide/mac-help/use-keychains-to-store-passwords- mchlf375f392/mac)

and other secure information

NEW QUESTION 32
A company acquired a local office, and a technician is attempting to join the machines at the office to the local domain. The technician notes that the domain join option appears to be missing. Which of the following editions of Windows is MOST likely installed on the machines?

A. Windows Professional
B. Windows Education
C. Windows Enterprise
D. Windows Home

Answer: D

Explanation:
Windows Home is the most likely edition of Windows installed on the machines that do not have the domain join option. Windows Home is a consumer-oriented edition that does not support joining a domain or using Group Policy. Only Windows Professional, Education, and Enterprise editions can join a domain

NEW QUESTION 34
A salesperson's computer is unable to print any orders on a local printer that is connected to the computer Which of the following tools should the salesperson use to restart the print spooler?

A. Control Panel
B. Processes
C. Services
D. Startup

Answer: D

Explanation:
The correct answer is D. Services. The print spooler is a service that manages the print queue and sends print jobs to the printer. To restart the print spooler, the salesperson can use the Services app, which allows them to stop and start the service. Alternatively, they can also use the Task Manager or the Command Prompt to restart the print spooler.
References and Explanation
? The Services app is a tool that displays all the services that are running on the computer. It can be accessed by typing services.msc in the Run window or by searching for Services in the Start menu. The Services app allows users to start, stop, restart, or configure any service, including the print spooler123.
? The Task Manager is a tool that shows information about the processes, applications, and services that are running on the computer. It can be accessed by pressing Ctrl + Shift + Esc or by right-clicking on the taskbar and selecting Task Manager. The Task Manager allows users to start, stop, or restart any service by going to the Services tab and right-clicking on the service name12.
? The Command Prompt is a tool that allows users to execute commands and perform tasks using text input. It can be accessed by typing cmd in the Run window or by searching for Command Prompt in the Start menu. The Command Prompt allows users to start, stop, or restart any service by using the net command with the service name. For example, to restart the print spooler, users can type net stop spooler and then net start spooler1.
? The Control Panel is a tool that provides access to various settings and options for the computer. It can be accessed by typing control panel in the Run window or by searching for Control Panel in the Start menu. The Control Panel does not allow users to restart the print spooler directly, but it can be used to access other tools such as Devices and Printers, Troubleshooting, or Administrative Tools2.
? The Processes tab is a part of the Task Manager that shows information about the processes that are running on the computer. It can be accessed by opening the Task Manager and selecting the Processes tab. The Processes tab does not allow users to restart the print spooler directly, but it can be used to end any process that is related to printing or causing problems with the print spooler2.
? The Startup tab is a part of the Task Manager that shows information about the programs that run automatically when the computer starts. It can be accessed by opening the Task Manager and selecting the Startup tab. The Startup tab does not allow users to restart the print spooler directly, but it can be used to disable or enable any program that affects printing or interferes with the print spooler2.

NEW QUESTION 37
A company needs employees who work remotely to have secure access to the corporate intranet. Which of the following should the company implement?

A. Password-protected Wi-Fi
B. Port forwarding
C. Virtual private network
D. Perimeter network

Answer: C

Explanation:
A virtual private network (VPN) is a technology that creates a secure and encrypted connection over a public network, such as the internet. A VPN allows remote

employees to access the corporate intranet as if they were physically connected to the local network3.
Password-protected Wi-Fi is a security measure for wireless networks that does not provide access to the corporate intranet. Port forwarding is a technique that allows external devices to access services on a private network through a router, but does not provide access to the corporate intranet. A perimeter network is a network segment that lies between an internal network and an external network, such as the internet, and provides an additional layer of security, but does not provide access to the corporate intranet.

NEW QUESTION 41
A systems administrator is experiencing Issues connecting from a laptop to the corporate network using PKI. Which to the following tools can the systems administrator use to help remediate the issue?

A. certmgr.msc
B. msconfig.exe
C. lusrmgr.msc
D. perfmon.msc

Answer: A

Explanation:
certmgr.msc is a tool that can be used to troubleshoot issues with PKI (public key infrastructure) on a Windows machine. It allows a system administrator to view, manage and import certificates, as well as check their validity, expiration and revocation status. msconfig.exe, lusrmgr.msc and perfmon.msc are other tools that can be used for different purposes on a Windows machine, but they are not related to PKI. Verified References: https://www.comptia.org/blog/what-is-certmgr-msc https://www.comptia.org/certifications/a

NEW QUESTION 43
A technician has verified a computer is infected with malware. The technician isolates the system and updates the anti-malware software. Which of the following should the technician do next?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Malware is malicious software that can cause damage or harm to a computer system or network4. A technician has verified a computer is infected with malware by observing unusual behavior, such as slow performance, pop-ups, or unwanted ads. The technician isolates the system and updates the anti-malware software to prevent further infection or spread of the malware. The next step is to run repeated remediation scans until the malware is removed. A remediation scan is a scan that detects and removes malware from the system. Running one scan may not be enough to remove all traces of malware, as some malware may hide or regenerate itself.

NEW QUESTION 47
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 49
Which of the following is also known as something you know, something you have, and something you are?

A. ACL
B. MFA
C. SMS
D. NFC

Answer: B

Explanation:
MFA stands for Multi-Factor Authentication, which is a method of verifying a user's identity using two or more different factors of authentication. The three factors of authentication are something you know, something you have, and something you are. These factors correspond to different types of information or evidence that only the legitimate user should possess or provide. For example:
? Something you know: a password, a PIN, a security question, etc.
? Something you have: a smart card, a token, a mobile device, etc.
? Something you are: a fingerprint, a face, an iris, etc.
MFA provides a higher level of security than single-factor authentication, which only uses one factor, such as a password. MFA reduces the risk of unauthorized access, identity theft, and data breaches, as an attacker would need to compromise more than one factor to impersonate a user. MFA is commonly used for online banking, email accounts, cloud services, and other sensitive applications

NEW QUESTION 54
While trying to repair a Windows 10 OS, a technician receives a prompt asking for a key. The technician tries the administrator password, but it is rejected. Which of the following does the technician need in order to continue the OS repair?

A. SSL key
B. Preshared key
C. WPA2 key
D. Recovery key

Answer: D

Explanation:
A recovery key is a code that can be used to unlock a BitLocker-encrypted drive when the normal authentication methods (such as password or PIN) are not available or have been forgotten. BitLocker is a feature of Windows that encrypts the entire drive to protect data from unauthorized access. If a technician is trying to repair a Windows 10 OS that has BitLocker enabled, they will need the recovery key to access the drive and continue the OS repair. SSL key, preshared key, and WPA2 key are not keys that are related to BitLocker or OS repair.

NEW QUESTION 58
A technician downloads a validated security tool and notes the vendor hash of a58e87a2. When the download is complete, the technician again validates the hash, but the value returns as 2a876a7d3. Which of the following is the MOST likely cause of the issue?

A. Private-browsing mode
B. Invalid certificate
C. Modified file
D. Browser cache

Answer: C

Explanation:
The most likely cause of the issue of having different hash values for a downloaded security tool is a modified file. A hash value is a unique and fixed-length string that is
generated from an algorithm that processes data or files. A hash value can be used to verify the integrity and authenticity of data or files by comparing it with a known or expected value. If the hash values do not match, it means that the data or file has been altered or corrupted in some way. A modified file may result from intentional or unintentional changes, such as editing, encryption, compression or malware infection. Private-browsing mode is a feature that allows users to browse the web without storing any browsing history, cookies or cache on their browser. Private-browsing mode does not affect the hash value of a downloaded file but only how the browser handles user data. Invalid certificate is an error that occurs when a website or a server does not have a valid or trusted digital certificate that proves its identity and secures its communication. Invalid certificate does not affect the hash value of a downloaded file but only how the browser verifies the website or server's credibility. Browser cache is a temporary storage that stores copies of web pages, images and other content that users have visited on their browser.

NEW QUESTION 62
Which of the following filesystems replaced FAT as the preferred filesystem for Microsoft Windows OS?

A. APFS
B. FAT32
C. NTFS
D. ext4

Answer: C

Explanation:
NTFS stands for New Technology File System and it is the preferred filesystem for Microsoft Windows OS since Windows NT 3.1 in 19931. NTFS replaced FAT (File Allocation Table) as the default filesystem for Windows because it offers many advantages over FAT, such as:
? Support for larger volumes and files (up to 16 exabytes)2
? Support for file compression, encryption, and permissions2
? Support for journaling, which records changes to the filesystem and helps recover from errors2
? Support for hard links, symbolic links, and mount points2
? Support for long filenames and Unicode characters2
FAT32 is an improved version of FAT that supports larger volumes and files (up to 32 GB and 4 GB respectively) and is compatible with older versions of Windows and other operating systems3. However, FAT32 still has many limitations and drawbacks compared
to NTFS, such as:
? No support for file compression, encryption, and permissions3
? No support for journaling, which makes it vulnerable to corruption and data loss3
? No support for hard links, symbolic links, and mount points3
? No support for long filenames and Unicode characters3
APFS (Apple File System) is the default filesystem for macOS, iOS, iPadOS, watchOS, and tvOS since 20174. APFS replaced HFS+ (Hierarchical File System Plus) as the preferred filesystem for Apple devices because it offers many advantages over HFS+, such as:
? Support for larger volumes and files (up to 8 zettabytes)4
? Support for file cloning, snapshots, and encryption4
? Support for space sharing, which allows multiple volumes to share the same storage pool4
? Support for fast directory sizing, which improves performance and efficiency4 ext4 (Fourth Extended Filesystem) is the default filesystem for most Linux distributions since 20085. ext4 replaced ext3 as the preferred filesystem for Linux because it offers many advantages over ext3, such as:
? Support for larger volumes and files (up to 1 exabyte and 16 terabytes respectively)5
? Support for extents, which reduce fragmentation and improve performance5
? Support for journal checksumming, which improves reliability and reduces recovery time5
? Support for delayed allocation, which improves efficiency and reduces metadata overhead5
References:
1: NTFS - Wikipedia 2: [NTFS vs FAT32 vs exFAT: What's the Difference?] 3: [FAT32 - Wikipedia] 4: [Apple File System - Wikipedia] 5: [ext4 - Wikipedia] : NTFS vs FAT32 vs exFAT: What's the Difference? : FAT32 - Wikipedia : Apple File System - Wikipedia : ext4 - Wikipedia

NEW QUESTION 64
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 65
Which of the following is MOST likely used to run .vbs files on Windows devices?

A. winmgmt.exe
B. powershell.exe
C. cscript.exe
D. explorer.exe

Answer: C

Explanation:
A .vbs file is a Virtual Basic script written in the VBScript scripting language. It contains code that can be executed within Windows via the Windows-based script host (Wscript.exe), to perform certain admin and processing functions1. Cscript.exe is a command-line version of the Windows Script Host that provides command-line options for setting script properties. Therefore, cscript.exe is most likely used to run .vbs files on Windows devices. References: 1: https://fileinfo.com/extension/vbs : https://docs.microsoft.com/en-us/windows-server/administration/windows- commands/cscript

NEW QUESTION 68
A new employee was hired recently. Which of the following documents will the new employee need to sign before being granted login access to the network?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A new employee will need to sign an AUP before being granted login access to the network. An AUP is an Acceptable Use Policy that defines the rules and guidelines for using network resources and services in an organization. An AUP typically covers topics such as security, privacy, ethics, compliance and liability issues related to network usage. An AUP helps protect the organization and its users from legal, regulatory and reputational risks associated with network activities. An MSDS is a Material Safety Data Sheet that provides information about hazardous substances and how to handle them safely. An MSDS is not related to network access or usage. A EULA is an End User License Agreement that specifies the terms and conditions for using a software product or service. A EULA is usually provided by software vendors or developers and does not apply to network access or usage in general. A UAC is a User Account Control that is a security feature that prompts users for permission or confirmation before performing certain actions that require elevated privileges or affect system settings. A UAC is not a document that needs to be signed by users but a mechanism that helps prevent unauthorized changes or malware infections on a system. References: CompTIA A+ Core 2 (220-1002) Certification Exam Objectives Version 4.0, Domain 5.1

NEW QUESTION 69
A user visits a game vendor's website to view the latest patch notes, but this information is not available on the page. Which of the following should the user perform before reloading the page?

A. Synchronize the browser data.
B. Enable private browsing mode.
C. Mark the site as trusted.
D. Clear the cached file.

Answer: D

Explanation:
Clearing the cached file is an action that can help resolve the issue of not seeing the latest patch notes on a game vendor’s website. A cached file is a copy of a web page or file that is stored locally on the user’s browser or device for faster loading and offline access. However, sometimes a cached file may become outdated or corrupted and prevent the user from seeing the most recent or accurate version of a web page or file. Clearing the cached file can force the browser to download and display the latest version from the server instead of using the old copy from the cache. Synchronizing the browser data, enabling private browsing mode, and marking the site as trusted are not actions that can help resolve this issue.

NEW QUESTION 74
The findings from a security audit indicate the risk of data loss from lost or stolen laptops is high. The company wants to reduce this risk with minimal impact to users who want to use their laptops when not on the network. Which of the following would BEST reduce this risk for Windows laptop users?

A. Requiring strong passwords
B. Disabling cached credentials

C. Requiring MFA to sign on
D. Enabling BitLocker on all hard drives

Answer: D

Explanation:
BitLocker is a disk encryption tool that can be used to encrypt the hard drive of a Windows laptop. This will protect the data stored on the drive in the event that the laptop is lost or stolen, and will help to reduce the risk of data loss. Additionally, BitLocker can be configured to require a PIN or other authentication in order to unlock the drive, providing an additional layer of security.

NEW QUESTION 75
A hard drive that previously contained PI I needs to be repurposed for a public access workstation. Which of the following data destruction methods should a technician use to ensure data is completely removed from the hard drive?

A. Shredding
B. Degaussing
C. Low-level formatting
D. Recycling

Answer: A

Explanation:
Shredding is a data destruction method that physically destroys the hard drive by cutting it into small pieces using a machine. Shredding ensures that data is completely removed from the hard drive and cannot be recovered by any means. Shredding is suitable for hard drives that contain PII (personally identifiable information), which is any information that can be used to identify, contact, or locate an individual. Degaussing, low-level formatting, and recycling are not data destruction methods that can guarantee complete data removal from a hard drive.

NEW QUESTION 79
Upon downloading a new ISO, an administrator is presented with the following string: 59d15a16ce90cBcc97fa7c211b767aB
Which of the following BEST describes the purpose of this string?

A. XSS verification
B. AES-256 verification
C. Hash verification
D. Digital signature verification

Answer: C

Explanation:
Hash verification is a process that verifies the integrity of a file by comparing the hash value of the downloaded file to the hash value provided by the source1

NEW QUESTION 80
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 has taken the appropriate action by not taking the call and setting the phone to silent in order to avoid any distractions and remain focused on the task at hand. This is a good example of how to maintain focus and productivity when working on a customer's PC, and will help to ensure that the job is completed in a timely and efficient manner.

NEW QUESTION 82
A user's computer unexpectedly shut down immediately after the user plugged in a USB headset. Once the user turned the computer back on, everything was functioning properly, including the headset. Which of the following Microsoft tools would most likely be used to determine the root cause?

A. Event Viewer
B. System Configuration
C. Device Manager
D. Performance Monitor

Answer: A

Explanation:
Event Viewer is a Microsoft tool that records and displays system events, errors, warnings, and information. Event Viewer can help troubleshoot and diagnose problems, such as unexpected shutdowns, by showing the details of what happened before, during, and after the incident. Event Viewer can also show the source of the event, such as an application, a service, a driver, or a hardware device. By using Event Viewer, a technician can identify the root cause of the unexpected shutdown, such as a power failure, a thermal event, a driver conflict, or a malware infection.

NEW QUESTION 87

A user reports an issue when connecting a mobile device to Bluetooth. The user states the mobile device's Bluetooth is turned on. Which of the following steps should the technician take NEXT to resolve the issue?

A. Restart the mobile device.
B. Turn on airplane mode.
C. Check that the accessory is ready to pair.
D. Clear all devices from the phone's Bluetooth settings.

Answer: C

Explanation:
The first step in troubleshooting a Bluetooth connection issue is to check that the accessory is ready to pair with the mobile device. Some accessories may have a button or a switch that needs to be pressed or turned on to initiate pairing mode. If the accessory is not ready to pair, the mobile device will not be able to detect it.
Reference: CompTIA A+ Core 2 Exam Objectives, Section 2.4

NEW QUESTION 89
A technician downloaded software from the Internet that required the technician to scroll through a text box and at the end of the text box, click a button labeled Accept Which of the following agreements IS MOST likely in use?

A. Mastered
B. Not Mastered

Answer: A

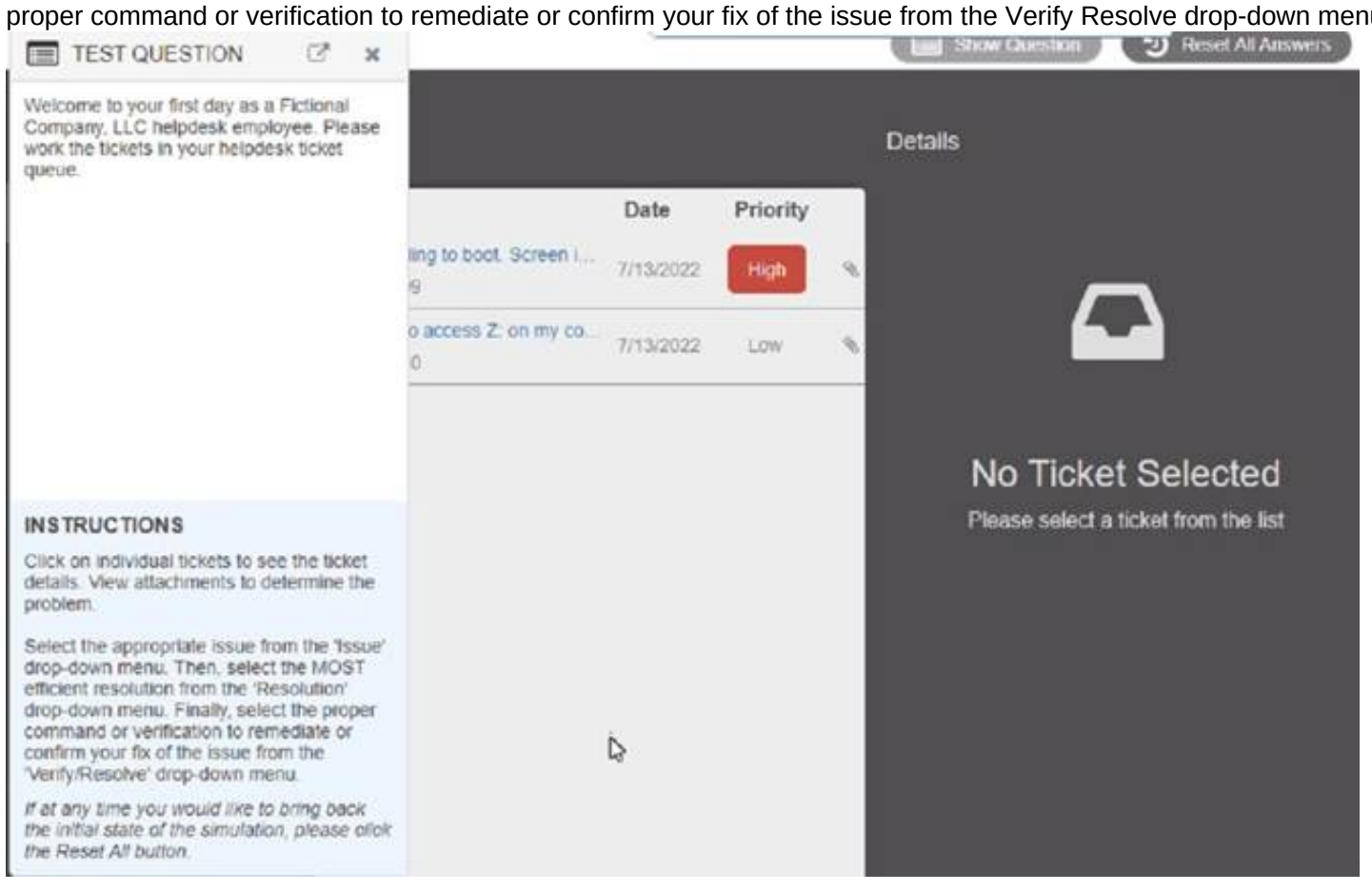
Explanation:
The most likely agreement in use here is a EULA (End User License Agreement). This is a legally binding agreement between the user and the software developer, outlining the terms and conditions that the user must agree to in order to use the software. It is important that the user understands and agrees to the EULA before they can proceed with downloading and installing the software. As stated in the CompTIA A+ Core 2 exam objectives, users should be aware of the EULA before downloading any software.

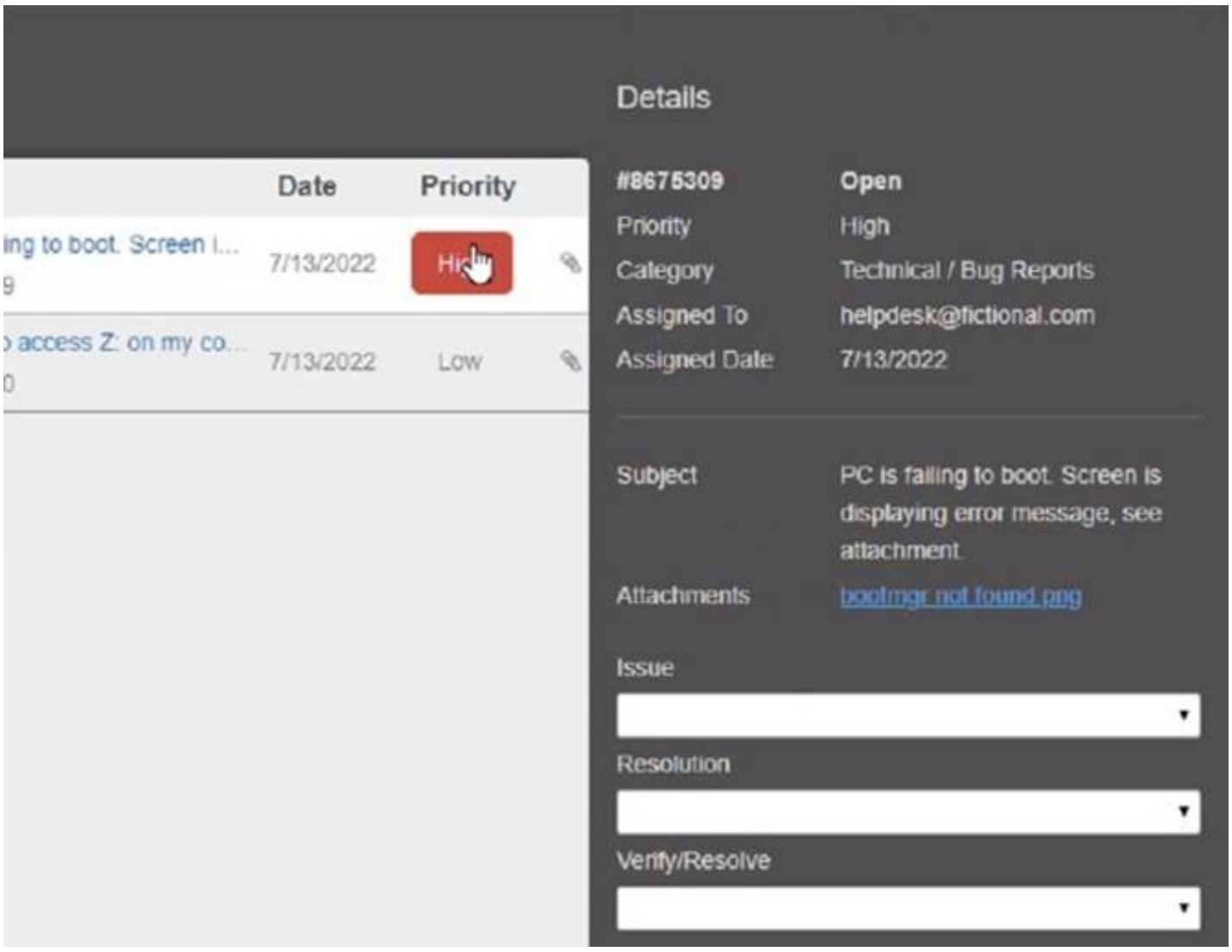
NEW QUESTION 90
A user in a corporate office reports the inability to connect to any network drives. No other users have reported this issue. Which of the following is the MOST likely reason the user is having this issue?

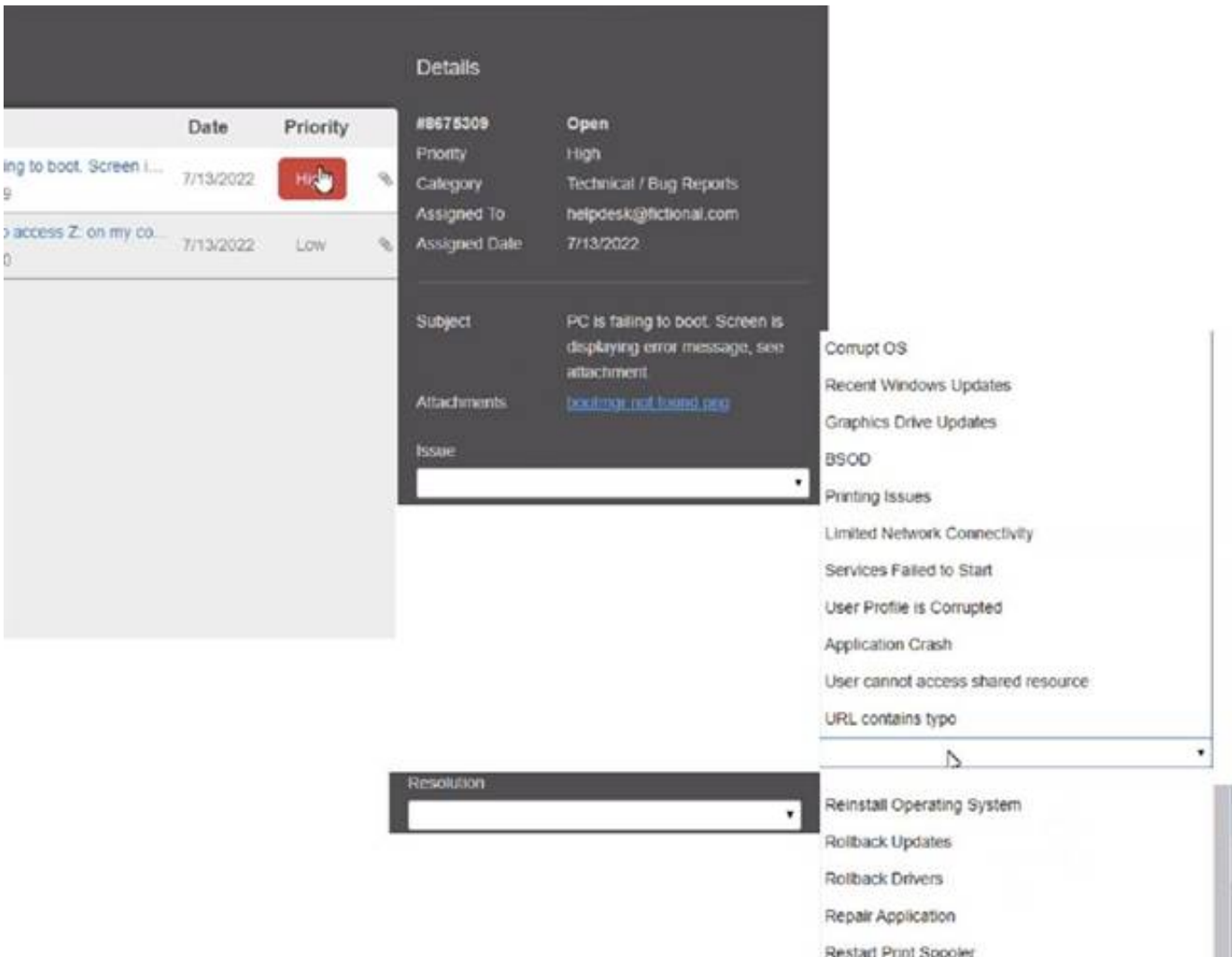
A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 93
HOTSPOT
Welcome to your first day as a Fictional Company. LLC helpdesk employee. Please work the tickets in your helpdesk ticket queue.
Click on individual tickers to see the ticket details. View attachments to determine the problem.
Select the appropriate issue from the 'issue' drop-down menu. Then, select the MOST efficient resolution from the 'Resolution' drop-down menu. Finally, select the proper command or verification to remediate or confirm your fix of the issue from the Verify Resolve drop-down menu.



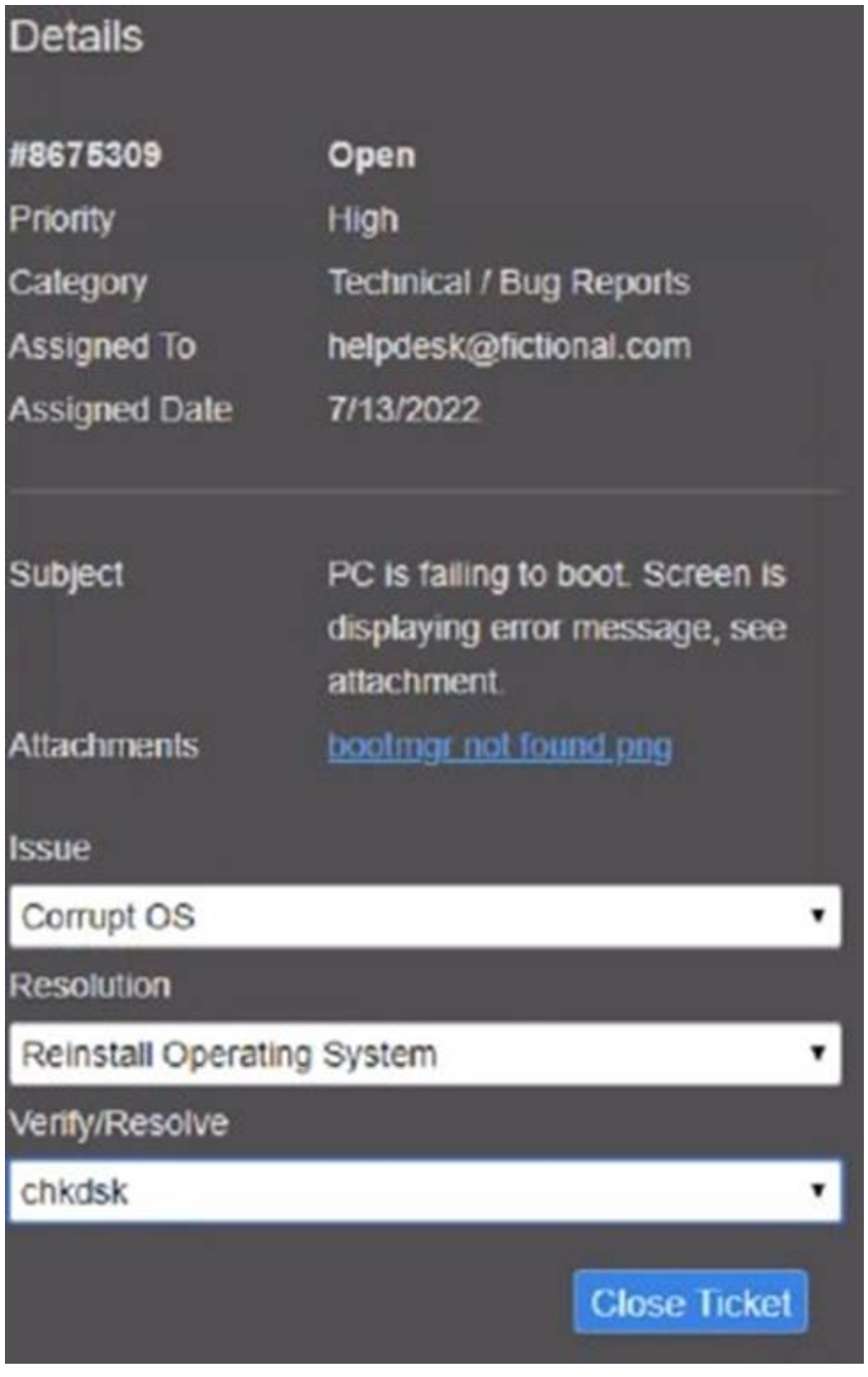

Details
Date
Priority
ing to boot. Screen i...
9
7/13/2022
Hi
access Z: on my co...
0
7/13/2022
Low
#8675309
Open
Priority
High
Category
Technical / Bug Reports
Assigned To
helpdesk@fictional.com
Assigned Date
7/13/2022
Subject
PC is failing to boot. Screen is displaying error message, see attachment
Attachments
bootmgr not found.png
Issue
Resolution
Verify/Resolve



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 97
A technician, who is working at a local office, has found multiple copies of home edition software installed on computers. Which of the following does this MOST likely violate?

A. EULA
B. Pll
C. DRM
D. Open-source agreement

Answer: A

Explanation:
The installation of home edition software on computers at a local office most likely violates the EULA. EULA stands for End User License Agreement and is a legal contract that specifies the terms and conditions for using a software product or service. EULA typically covers topics such as license scope, duration and limitations, rights and obligations of the parties, warranties and disclaimers, liability and indemnity clauses, and termination procedures. EULA may also restrict the use of home edition software to personal or non- commercial purposes only, and prohibit the use of home edition software in business or professional settings. Violating EULA may result in legal actions or penalties from the software vendor or developer. PII stands for Personally Identifiable Information and is any information that can be used to identify or locate an individual, such as name, address, phone number, email address, social security number or credit card number. PII is not related to software installation or licensing but to data protection and privacy. DRM stands for Digital Rights Management and is a technology that controls or restricts the access and
use of digital content, such as music, movies, books or games. DRM is not related to software installation or licensing but to content distribution and piracy prevention. Open- source agreement is a type of license that allows users to access, modify and distribute the source code of a software product or service freely and openly. Open-source agreement does not restrict the use of software to home edition only but encourages collaboration and innovation among developers and users. References: CompTIA A+ Core 2 (220-1002) Certification Exam Objectives Version 4.0, Domain 5.1

NEW QUESTION 99
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. Mastered
B. Not Mastered

Answer: A

Explanation:
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 101
A user reports that the hard drive activity light on a Windows 10 desktop computer has been steadily lit for more than an hour, and performance is severely degraded. Which of the following tabs in Task Manager would contain the information a technician would use to identify the cause of this issue?

A. Services
B. Processes
C. Performance
D. Startup

Answer: B

Explanation:
Processes tab in Task Manager would contain the information a technician would use to identify the cause of this issue. The Processes tab in Task Manager displays all the processes running on the computer, including the CPU and memory usage of each process. The technician can use this tab to identify the process that is causing the hard drive activity light to remain lit and the performance degradation1

NEW QUESTION 102
A 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 the technician check next to resolve the issue?

A. Verify the DNS server settings.
B. Turn off the Windows firewall.
C. Confirm the subnet mask is correct.
D. Configure a static IP address.

Answer: A

Explanation:
The correct answer is A. Verify the DNS server settings. This is because the DNS server is responsible for resolving domain names to IP addresses, which is necessary for accessing the internet or named network resources. If the DNS server settings are incorrect or the DNS server is down, the technician will not be able to access these resources even if they have a valid IP address and can ping the default gateway1.
1: CompTIA A+ Certification Exam: Core 2 Objectives, page 16, section 1.10.

NEW QUESTION 103
A technician is creating a location on a Windows workstation for a customer to store meeting minutes. Which of the following commands should the technician use?

A. c: \minutes
B. dir
C. rmdir
D. md

Answer: D

Explanation:
The command md stands for make directory and is used to create a new directory or folder in the current location. In this case, the technician can use md minutes to create a folder named minutes in the C: drive. The other commands are not relevant for
this task. c: \minutes is not a command but a path to a folder. dir is used to display a list of files and folders in the current directory. rmdir is used to remove or delete an existing directory or folder.

NEW QUESTION 105
Which of the following wireless security features can be enabled lo allow a user to use login credentials to attach lo available corporate SSIDs?

A. TACACS+
B. Kerberos
C. Preshared key
D. WPA2/AES

Answer: D

Explanation:
WPA2/AES (Wi-Fi Protected Access 2/Advanced Encryption Standard) is a wireless security standard that supports enterprise mode, which allows a user to use login credentials (username and password) to authenticate to available corporate SSIDs (service set identifiers). TACACS+ (Terminal Access Controller Access-Control System Plus) and Kerberos are network authentication protocols, but they are not wireless security features. Preshared key is another wireless security feature, but it does not use login credentials. Verified References: https://www.comptia.org/blog/wireless-security-standards
https://www.comptia.org/certifications/a

NEW QUESTION 109

An organization is updating the monitors on kiosk machines. While performing the upgrade, the organization would like to remove physical input devices. Which of the following utilities in the Control Panel can be used to turn on the on-screen keyboard to replace the physical input devices?

A. Devices and Printers
B. Ease of Access
C. Programs and Features
D. Device Manager

Answer: B

Explanation:
Ease of Access is a utility in the Control Panel that allows users to adjust various accessibility settings on Windows, such as the on-screen keyboard, magnifier, narrator, high contrast, etc. The on-screen keyboard can be turned on by going to Ease of Access > Keyboard and toggling the switch to On12. Alternatively, the on-screen keyboard can be opened by pressing Windows + Ctrl + O keys or by typing osk.exe in the Run dialog box3.
References: 1 Use the On-Screen Keyboard (OSK) to type(https://support.microsoft.com/en-us/windows/use-the-on-screen-keyboard-osk-to-type- ecbb5e08-5b4e-d8c8-f794-81dbf896267a)2 How to Enable or Disable the On-Screen Keyboard in Windows 10 - Lifewire(https://www.lifewire.com/enable-or-disable-on-screen-keyboard-in-windows-10-5180667)3 On-Screen Keyboard Settings, Tips and Tricks in Windows 11/10(https://www.thewindowsclub.com/windows-onscreen-keyboard).

NEW QUESTION 114
Which of the following defines the extent of a change?

A. Scope
B. Purpose
C. Analysis
D. Impact

Answer: A

Explanation:
The term that defines the extent of a change is scope. Scope is a measure of the size, scale and boundaries of a project or an activity. Scope defines what is included and excluded in the project or activity, such as goals, requirements, deliverables, tasks and resources. Scope helps determine the feasibility, duration and cost of the project or activity. Scope also helps manage the expectations and needs of the stakeholders involved in the project or activity. Purpose is the reason or objective for doing a project or an activity. Purpose defines why the project or activity is important or necessary, such as solving a problem, meeting a need or achieving a goal. Purpose helps provide direction, motivation and justification for the project or activity. Analysis is the process of examining, evaluating and interpreting data or information related to a project or an activity. Analysis helps identify, understand and prioritize issues, risks, opportunities and solutions for the project or activity. Impact is the effect or outcome of a project or an activity on something or someone else. Impact defines how the project or activity affects or influences other factors, such as performance, quality, satisfaction or value. Impact helps measure the success and effectiveness of the project or activity.
References: CompTIA A+ Core 2 (220-1002) Certification Exam Objectives Version 4.0, Domain 5.2

NEW QUESTION 118
A technician is concerned about a large increase in the number of whaling attacks happening in the industry. The technician wants to limit the company's risk to avoid any issues. Which of the following items should the technician implement?

A. Screened subnet
B. Firewall
C. Anti-phishing training
D. Antivirus

Answer: C

Explanation:
Anti-phishing training is a method of educating users on how to identify and avoid phishing attacks, which are attempts to trick users into revealing sensitive information or performing malicious actions by impersonating legitimate entities or persons. Whaling attacks are a specific type of phishing attack that target high-level executives or influential individuals within an organization. Anti-phishing training can help users recognize the signs of whaling attacks and prevent them from falling victim to them. Screened subnet, firewall, and antivirus are not items that can directly address the issue of whaling attacks.

NEW QUESTION 122
A developer's Type 2 hypervisor is performing inadequately when compiling new source code. Which of the following components should the developer upgrade to improve the hypervisor’s performance?

A. Amount of system RAM
B. NIC performance
C. Storage IOPS
D. Dedicated GPU

Answer: A

Explanation:
The correct answer is A. Amount of system RAM. A Type 2 hypervisor is a virtualization software that runs on top of a host operating system, which means it shares the system resources with the host OS and other applications. Therefore, increasing the amount of system RAM can improve the performance of the hypervisor and the virtual machines running on it. RAM is used to store data and instructions that are frequently accessed by the CPU, and having more RAM can reduce the need for swapping data to and from the storage device, which is slower than RAM.
NIC performance, storage IOPS, and dedicated GPU are not as relevant for improving the hypervisor’s performance in this scenario. NIC performance refers to the speed and quality of the network interface card, which is used to connect the computer to a network. Storage IOPS refers to the number of input/output operations per second that can be performed by the storage device, which is a measure of its speed and efficiency. Dedicated GPU refers to a separate graphics processing unit that can handle complex graphics tasks, such as gaming or video editing. These components may affect other aspects of the computer’s performance, but they are not directly related to the hypervisor’s ability to compile new source code.

NEW QUESTION 124
A manager called the help desk to ask for assistance with creating a more secure environment for the finance department- which resides in a non-domain environment. Which of the following would be the BEST method to protect against unauthorized use?

A. Implementing password expiration
B. Restricting user permissions
C. Using screen locks
D. Disabling unnecessary services

Answer: B

Explanation:
Restricting user permissions is a method of creating a more secure environment for the finance department in a non-domain environment. This means that users will only have access to the files and resources that they need to perform their tasks and will not be able to modify or delete other files or settings that could compromise security or functionality.

NEW QUESTION 129
An IT services company that supports a large government contract replaced the Ethernet cards on several hundred desktop machines to comply With regulatory requirements. Which of the following disposal methods for the non-compliant cards is the MOST environmentally friendly?

A. incineration
B. Resale
C. Physical destruction
D. Dumpster for recycling plastics

Answer: D

Explanation:
When disposing of non-compliant Ethernet cards, the most environmentally friendly option is to use a dumpster for recycling plastics. This method is the most effective way to reduce the amount of waste that is sent to landfills, and it also helps to reduce the amount of energy used in the production of new materials. Additionally, recycling plastics helps to reduce the amount of toxic chemicals that can be released into the environment. According to CompTIA A+ Core 2 documents, "The most environmentally friendly disposal method for non-compliant Ethernet cards is to use a dumpster for recycling plastics. This method is the most effective way to reduce the amount of waste that is sent to landfills, and it also helps to reduce the amount of energy used in the production of new materials." https://sustainability.yale.edu/blog/how-sustainably-dispose-your-technological-waste

NEW QUESTION 132
A technician is setting up a desktop computer in a small office. The user will need to access files on a drive shared from another desktop on the network. Which of the following configurations should the technician employ to achieve this goal?

A. Configure the network as private
B. Enable a proxy server
C. Grant the network administrator role to the user
D. Create a shortcut to public documents

Answer: A

Explanation:
The technician should configure the network as private to allow the user to access files on a drive shared from another desktop on the network1

NEW QUESTION 134
A user rotates a cell phone horizontally to read emails, but the display remains vertical, even though the settings indicate autorotate is on. VT1ich of the following will MOST likely resolve the issue?

A. Recalibrating the magnetometer
B. Recalibrating the compass
C. Recalibrating the digitizer
D. Recalibrating the accelerometer

Answer: D

Explanation:
When a user rotates a cell phone horizontally to read emails and the display remains vertical, even though the settings indicate autorotate is on, this is typically due to a problem with the phone's accelerometer. The accelerometer is the sensor that detects changes in the phone's orientation and adjusts the display accordingly. If the accelerometer is not calibrated correctly, the display may not rotate as expected.
Recalibrating the accelerometer is the most likely solution to this issue. The process for recalibrating the accelerometer can vary depending on the specific device and operating system, but it typically involves going to the device's settings and finding the option to calibrate or reset the sensor. Users may need to search their device's documentation or online resources to find specific instructions for their device.

NEW QUESTION 135
A technician is setting up a newly built computer. Which of the following is the fastest way for the technician to install Windows 10?

A. Factory reset
B. System Restore
C. In-place upgrade
D. Unattended installation

Answer: D

Explanation:
Windows 10

The correct answer is D. Unattended installation. An unattended installation is a way of installing Windows 10 without requiring any user input or interaction. It uses a configuration file called answer file that contains the settings and preferences for the installation, such as the product key, language, partition, and network settings. An unattended installation can be performed by using a bootable USB flash drive or DVD that contains the Windows 10 installation files and the answer file1. This is the fastest way for the technician to install Windows 10 on a newly built computer, as it automates the whole process and saves time. A factory reset is a way of restoring a computer to its original state by deleting all the data and applications and reinstalling the operating system. A factory reset can be performed by using the recovery partition or media that came with the computer, or by using the Reset this PC option in Windows 10 settings2. A factory reset is not a way of installing Windows 10 on a newly built computer, as it requires an existing operating system to be present.
A system restore is a way of undoing changes to a computer's system files and settings by using a restore point that was created earlier. A system restore can be performed by using the System Restore option in Windows 10 settings or by using the Advanced Startup Options menu3. A system restore is not a way of installing Windows 10 on a newly built computer, as it requires an existing operating system and restore points to be present.
An in-place upgrade is a way of upgrading an existing operating system to a newer version without losing any data or applications. An in-place upgrade can be performed by using the Windows 10 Media Creation Tool or by running the Setup.exe file from the Windows 10 installation media. An in-place upgrade is not a way of installing Windows 10 on a newly built computer, as it requires an existing operating system to be present.

NEW QUESTION 140
Remote employees need access to information that is hosted on local servers at the company. The IT department needs to find a solution that gives employees secure access to the company's resources as if the employees were on premises. Which of the following
remote connection services should the IT team implement?

A. SSH
B. VNC
C. VPN
D. RDP

Answer: C

Explanation:
A VPN (Virtual Private Network) is a service that allows remote employees to access the company's network resources securely over the internet as if they were on premises. A VPN encrypts the data traffic between the employee's device and the VPN server, and assigns the employee a virtual IP address that belongs to the company's network. This way, the employee can access the local servers, files, printers, and other resources without exposing them to the public internet. A VPN also protects the employee's privacy and identity by masking their real IP address and location.

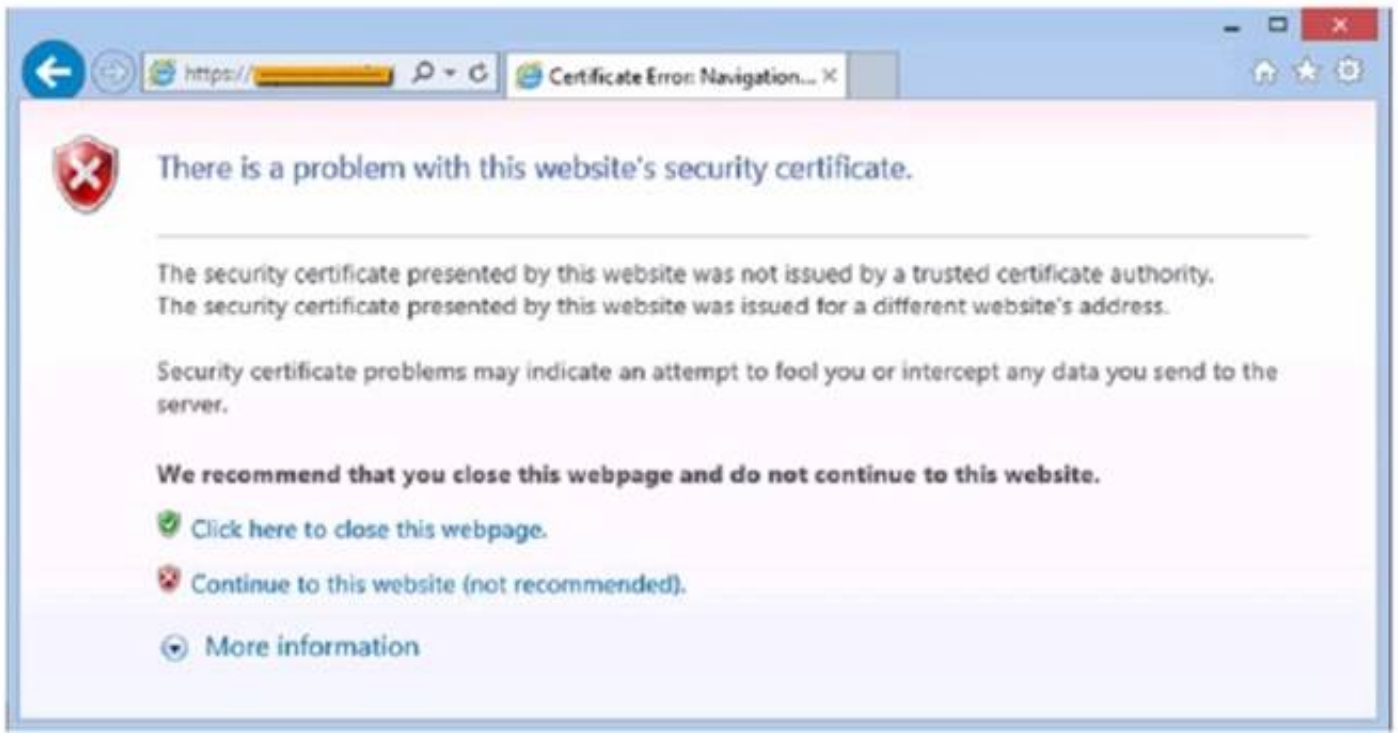
NEW QUESTION 144
A user reports that a workstation is operating sluggishly Several other users operate on the same workstation and have reported that the workstation is operating normally. The systems administrator has validated that the workstation functions normally. Which of the following steps should the systems administrator most likely attempt NEXT?

A. Increase the paging file size
B. Run the chkdsk command
C. Rebuild the user's profile
D. Add more system memory.
E. Defragment the hard drive.

Answer: C

Explanation:
Since the systems administrator has validated that the workstation functions normally and other users operate on the same workstation without any issues, the next step should be to rebuild the user's profile. This will ensure that any corrupted files or settings are removed and the user's profile is restored to its default state.

NEW QUESTION 148
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 CFCs 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 149
Which of the following protocols supports fast roaming between networks?

A. WEP
B. WPA
C. WPA2
D. LEAP
E. PEAP

Answer: B

Explanation:
WPA2 is the only protocol among the options that supports fast roaming between
networks. Fast roaming, also known as IEEE 802.11r or Fast BSS Transition (FT), enables a client device to roam quickly in environments implementing WPA2 Enterprise security, by ensuring that the client device does not need to re-authenticate to the RADIUS server
every time it roams from one access point to another1. WEP, WPA, LEAP, and PEAP do not support fast roaming and require the client device to perform the full authentication process every time it roams, which can cause delays and interruptions in the network service.
References:
? The Official CompTIA A+ Core 2 Study Guide2, page 263.
? WiFi Fast Roaming, Simplified3

NEW QUESTION 151
A mobile phone user has downloaded a new payment application that allows payments to be made with a mobile device. The user attempts to use the device at a payment terminal but is unable to do so successfully. The user contacts a help desk technician to report the issue. Which of the following should the technician confirm NEXT as part of the troubleshooting process?

A. If airplane mode is enabled
B. If Bluetooth is disabled
C. If NFC is enabled
D. If WiFi is enabled
E. If location services are disabled

Answer: C

Explanation:
NFC stands for Near Field Communication, and it is a wireless technology that allows your phone to act as a contactless payment device, among other things2. Payment applications that allow payments to be made with a mobile device usually rely on NFC to communicate with the payment terminal1. Therefore, if NFC is disabled on the phone, the payment will not work. To enable NFC on an Android phone, you need to follow these steps3:
? On your Android device, open the Settings app.
? Select Connected devices.
? Tap on Connection preferences.
? You should see the NFC option. Toggle it on.
The other options are not directly related to using a payment application with a mobile device. Airplane mode is a setting that disables all wireless communication on the phone, including NFC4, but it also affects calls, texts, and internet access. Bluetooth is a wireless technology that allows you to connect your phone with other devices such as headphones or speakers, but it is not used for contactless payments. Wi-Fi is a wireless technology that allows you to access the internet or a local network, but it is also not used for contactless payments. Location services are a feature that allows your phone to determine your geographic location

using GPS or other methods, but they are not required for contactless payments.

NEW QUESTION 153
A help desk technician runs the following script: Inventory.py. The technician receives the following error message:
How do you want to Open this file?
Which of the following is the MOST likely reason this script is unable to run?

A. Scripts are not permitted to run.
B. The script was not built for Windows.
C. The script requires administrator privileges,
D. The runtime environment is not installed.

Answer: D

Explanation:
The error message is indicating that the script is not associated with any program on the computer that can open and run it. This means that the script requires a runtime environment, such as Python, to be installed in order for it to execute properly. Without the appropriate runtime environment, the script will not be able to run.

NEW QUESTION 155
An administrator is designing and implementing a server backup system that minimizes the capacity of storage used. Which of the following is the BEST backup approach to use in conjunction with synthetic full backups?

A. Differential
B. Open file
C. Archive
D. Incremental

Answer: D

Explanation:
Incremental backups are backups that only include the changes made since the last backup, whether it was a full or an incremental backup. Incremental backups minimize the capacity of storage used and are often used in conjunction with synthetic full backups, which are backups that combine a full backup and subsequent incremental backups into a single backup set.
Reference: CompTIA A+ Core 2 Exam Objectives, Section 3.3

NEW QUESTION 158
Which of the following file types allows a user to easily uninstall software from macOS by simply placing it in the trash bin?

A. .exe
B. .dmg
C. . app
D. . rpm
E. .pkg

Answer: C

Explanation:
app files are application bundles that contain all the necessary files and resources for a Mac app. They can be easily deleted by dragging them to the Trash or using Launchpad12. Other file types, such as .exe, .dmg, .rpm, and .pkg, are either not compatible with macOS or require additional steps to uninstall34.
References: 1 Uninstall apps on your Mac - Apple Support(https://support.apple.com/en- us/102610)2 How to Uninstall Apps on a Mac (and Make Sure Leftover Files Are
…(https://www.pcmag.com/how-to/uninstall-delete-apps-from-mac)3 How to install and uninstall software on a Mac - Laptop Mag(https://www.laptopmag.com/articles/install- unininstall-mac-software)4 How to completely uninstall an app on a Mac and delete all junk files(https://www.xda-developers.com/how-to-uninstall-app-mac/).

NEW QUESTION 159
A user has a computer with Windows 10 Home installed and purchased a Windows 10 Pro license. The user is not sure how to upgrade the OS. Which of the following should the technician do to apply this license?

A. Copy the c:\Windows\windows.lie file over to the machine and restart.
B. Redeem the included activation key card for a product key.
C. Insert a Windows USB hardware dongle and initiate activation.
D. Activate with the digital license included with the device hardware.

Answer: B

Explanation:
Redeeming the included activation key card for a product key is the correct way to apply a Windows 10 Pro license to a computer that has Windows 10 Home installed. The activation key card is a physical or digital card that contains a 25-digit code that can be used to activate Windows 10 Pro online or by phone. Copying the windows.lie file, inserting a Windows USB hardware dongle and activating with the digital license are not valid methods of applying a Windows 10 Pro license. Verified References: https://www.comptia.org/blog/how-to-upgrade-windows-10-home-to-pro https://www.comptia.org/certifications/a

NEW QUESTION 164
A customer calls a service support center and begins yelling at a technician about a feature for a product that is not working to the customer's satisfaction. This feature is not supported by the service support center and requires a field technician to troubleshoot. The customer continues to demand service. Which of the following is the BEST course of action for the support center representative to take?

A. Inform the customer that the issue is not within the scope of this department.
B. Apologize to the customer and escalate the issue to a manager.
C. Ask the customer to explain the issue and then try to fix it independently.
D. Respond that the issue is something the customer should be able to fix.

Answer: B

Explanation:
Apologizing to the customer and escalating the issue to a manager is the best course of action for the support center representative to take. This shows empathy and professionalism and allows the manager to handle the situation and provide the appropriate service or resolution for the customer.

NEW QUESTION 167
Which of the following is a consequence of end-of-lite operating systems?

A. Operating systems void the hardware warranty.
B. Operating systems cease to function.
C. Operating systems no longer receive updates.
D. Operating systems are unable to migrate data to the new operating system.

Answer: C

Explanation:
End-of-life operating systems are those which have reached the end of their life cycle and are no longer supported by the software developer. This means that the operating system will no longer receive updates, security patches, or other new features. This can leave users vulnerable to security threats, as the system will no longer be protected against the latest threats. Additionally, this can make it difficult to migrate data to a newer operating system, as the old system is no longer supported.

NEW QUESTION 172
A PC is taking a long time to boot. Which of the following operations would be best to do to

resolve the issue at a minimal expense?
(Select two).

A. Installing additional RAM
B. Removing the applications from startup
C. Installing a faster SSD
D. Running the Disk Cleanup utility
E. Defragmenting the hard drive
F. Ending the processes in the Task Manager

Answer: BE

Explanation:
The correct answers are B. Removing the applications from startup and E. Defragmenting the hard drive. These are the operations that would be best to do to resolve the issue of a slow boot at a minimal expense.
? Removing the applications from startup means disabling the programs that run
automatically when the PC is turned on. This will reduce the load on the CPU and RAM and speed up the boot process1.
? Defragmenting the hard drive means rearranging the files on the disk so that they
are stored in contiguous blocks. This will improve the disk performance and reduce the time it takes to read and write data2.
1: CompTIA A+ Certification Exam: Core 2 Objectives, page 23, section 3.1. 2: CompTIA A+ Certification Exam: Core 2 Objectives, page 24, section 3.2.

NEW QUESTION 175
A technician needs administrator access on a Windows workstation to facilitate system changes without elevating permissions. Which of the following would best accomplish this task?

A. Group Policy Editor
B. Local Users and Groups
C. Device Manager

D. System Configuration

Answer: B

Explanation:

Local Users and Groups is the best option to accomplish this task. Local Users and Groups is a tool that allows managing the local user accounts and groups on a Windows workstation. The technician can use this tool to create a new user account with administrator privileges or add an existing user account to the Administrators group. This way, the technician can log in with the administrator account and make system changes without elevating permissions. Group Policy Editor, Device Manager, and System Configuration are not correct answers for this question. Group Policy Editor is a tool that allows configuring policies and settings for users and computers in a domain environment. Device Manager is a tool that allows managing the hardware devices and drivers on a Windows workstation. System Configuration is a tool that allows modifying the startup options and services on a Windows workstation. None of these tools can directly grant administrator access to a user account. References:
? Official CompTIA learning resources CompTIA A+ Core 1 and Core 2, page 13
? CompTIA A+ Complete Study Guide: Core 1 Exam 220-1101 and Core 2 Exam …, page 103

NEW QUESTION 179
Which of the following best describes when to use the YUM command in Linux?

A. To add functionality
B. To change folder permissions
C. To show documentation
D. To list file contents

Answer: A

Explanation:
YUM stands for Yellowdog Updater Modified and it is a command-line tool that allows users to install, update, remove, and manage software packages in Linux. YUM can be used to add functionality to a Linux system by installing new software packages or updating existing ones. To change folder permissions, show documentation, or list file contents, other commands such as chmod, man, or ls can be used in Linux.

NEW QUESTION 184
A technician needs to remotely connect to a Linux desktop to assist a user with troubleshooting. The technician needs to make use of a tool natively designed for Linux. Which of the following tools will the technician MOST likely use?

A. VNC
B. MFA
C. MSRA
D. RDP

Answer: A

Explanation:
The tool that the technician will most likely use to remotely connect to a Linux desktop is VNC. VNC stands for Virtual Network Computing and is a protocol that allows remote access and control of a graphical desktop environment over a network. VNC is natively designed for Linux and can also support other operating systems, such as Windows and Mac OS. VNC can be used to assist users with troubleshooting by viewing and interacting with their desktops remotely. MFA stands for Multi-Factor Authentication and is a method of verifying identity using two or more factors, such as something you know, something you have or something you are. MFA is not a tool that can be used to remotely connect to a Linux desktop but a technique that can be used to enhance security

for systems or services. MSRA stands for Microsoft Remote Assistance and is a feature that allows remote access and control of a Windows desktop environment over a network. MSRA is not natively designed for Linux and may not be compatible or supported by Linux systems. RDP stands for Remote Desktop Protocol and is a protocol that allows remote access and control of a Windows desktop environment over a network. RDP is not natively designed for Linux and may not be compatible or supported by Linux systems. References: CompTIA A+ Core 2 (220-1002) Certification Exam Objectives Version 4.0, Domain 1.6

NEW QUESTION 188
A network technician is deploying a new machine in a small branch office that does not have a DHCP server. The new machine automatically receives the IP address of 169.254.0.2 and is unable to communicate with the rest of the network. Which of the following would restore communication?

A. Static entry
B. ARP table
C.

APIPA address

D. NTP specification

Answer: A

Explanation:
A static entry is the best option to restore communication for the new machine in a small branch office that does not have a DHCP server. A static entry means manually configuring the IP address, subnet mask, default gateway, and DNS server for the network adapter of the machine. A static entry ensures that the machine has a valid and unique IP address that matches the network configuration and can communicate with the rest of the network.
The new machine automatically receives the IP address of 169.254.0.2 because it uses APIPA (Automatic Private IP Addressing), which is a feature that enables computers to self-assign an IP address when a DHCP server is not available. However, APIPA only works for local communication within the same subnet, and does not provide a default gateway or a DNS server. Therefore, the new machine is unable to communicate with the rest of the network, which may be on a different subnet or require a gateway or a DNS server to access.
The other options are not related to restoring communication for the new machine. ARP table is a cache that stores the mapping between IP addresses and MAC addresses for the devices on the network. NTP specification is a protocol that synchronizes the clocks of the devices on the network.
References:
? CompTIA A+ Certification Exam Core 2 Objectives1
? CompTIA A+ Core 2 (220-1102) Certification Study Guide2
? What is APIPA (Automatic Private IP Addressing)? - Study-CCNA3
? How to Configure a Static IP Address in Windows and OS X4

NEW QUESTION 193
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 195
Which of the following physical security controls can prevent laptops from being stolen?

A. Encryption
B. LoJack
C. Multifactor authentication
D. Equipment lock
E. Bollards

Answer: D

Explanation:
An equipment lock is a physical security device that attaches a laptop to a fixed object, such as a desk or a table, with a cable and a lock. This can prevent the laptop from being stolen by unauthorized persons. Encryption, LoJack, multifactor authentication and bollards are other security measures, but they do not physically prevent theft. Verified References: https://www.comptia.org/blog/physical-security https://www.comptia.org/certifications/a

NEW QUESTION 199
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-61c0-4f4a-a659-dc98f1f00158

NEW QUESTION 203
A technician is troubleshooting boot times for a user. The technician attempts to use MSConfig to see which programs are starting with the OS but receives a message that it can no longer be used to view startup items. Which of the following programs can the technician use to view startup items?

A. msinfo32
B. perfmon
C. regedit
D. taskmgr

Answer: D

Explanation:
When troubleshooting boot times for a user, a technician may want to check which programs are starting with the operating system to identify any that may be slowing down the boot process. MSConfig is a tool that can be used to view startup items on a Windows system, but it may not always be available or functional. In this scenario, the technician receives a message that MSConfig cannot be used to view startup items. As an alternative, the technician can use Task Manager (taskmgr), which can also display the programs that run at startup. To access the list of startup items in Task Manager, the technician can follow these steps:
? Open Task Manager by pressing Ctrl+Shift+Esc.
? Click the "Startup" tab.
? The list of programs that run at startup will be displayed.

NEW QUESTION 206
A large company is selecting a new Windows operating system and needs to ensure it has built-in encryption and endpoint protection. Which of the following Windows versions will MOST likely be selected?

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

Answer: D

Explanation:
When selecting a new Windows operating system for a large company that needs built-in encryption and endpoint protection, the Enterprise edition is the most likely choice. This edition provides advanced security features such as Windows Defender Advanced Threat Protection (ATP), AppLocker, and BitLocker Drive Encryption. These features can help to protect the company's data and endpoints against malware attacks, unauthorized access, and data theft.
The Home and Pro editions of Windows do not include some of the advanced security features provided by the Enterprise edition, such as Windows Defender ATP and AppLocker. The Pro for Workstations edition is designed for high-performance and high- end hardware configurations, but it does not provide additional security features beyond those provided by the Pro edition.

NEW QUESTION 210

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 212
A user is unable to access a web-based application. A technician verifies the computer cannot access any web pages at all. The computer obtains an IP address from the DHCP server. Then, the technician verifies the user can ping localhost. the gateway, and known IP addresses on the interne! and receive a response. Which of the following Is the MOST likely reason tor the Issue?

A. A firewall is blocking the application.
B. The wrong VLAN was assigned.
C. The incorrect DNS address was assigned.
D. The browser cache needs to be cleared

Answer: C

Explanation:
DNS (domain name system) is a protocol that translates domain names to IP addresses. If the computer has an incorrect DNS address assigned, it will not be able to

resolve the domain names of web-based applications and access them. A firewall, a VLAN (virtual local area network) and a browser cache are not the most likely reasons for the issue, since the computer can ping known IP addresses on the internet and receive a response. Verified References: https://www.comptia.org/blog/what-is-dns https://www.comptia.org/certifications/a

NEW QUESTION 217
A help desk technician is troubleshooting a workstation in a SOHO environment that is running above normal system baselines. The technician discovers an unknown executable with a random string name running on the system. The technician terminates the process, and the system returns to normal operation. The technician thinks the issue was an infected file, but the antivirus is not detecting a threat. The technician is concerned other machines may be infected with this unknown virus. Which of the following is the MOST effective way to check other machines on the network for this unknown threat?

A. Run a startup script that removes files by name.
B. Provide a sample to the antivirus vendor.
C. Manually check each machine.
D. Monitor outbound network traffic.

Answer: C

Explanation:
The most effective way to check other machines on the network for this unknown threat is to manually check each machine. This can help to identify any other machines that may be infected with the unknown virus and allow them to be cleaned.

NEW QUESTION 222
A user is setting up a new Windows 10 laptop. Which of the following Windows settings should be used to input the SSID and password?

A.

Network & Internet
B. System
C. Personalization
D. Accounts

Answer: A

Explanation:
The Network & Internet settings in Windows 10 allow the user to input the SSID and password of a Wi-Fi network, as well as manage other network-related

options, such as airplane mode, mobile hotspot, VPN, proxy, etc1. To access the Network & Internet settings, the user can select the Start button, then select Settings > Network & Internet2. Alternatively, the user can right-click the Wi-Fi icon on the taskbar and click "Open Network & Internet Settings"3.
The System settings in Windows 10 allow the user to configure the display, sound, notifications, power, storage, and other system-related options1. The Personalization settings in Windows 10 allow the user to customize the background, colors, lock screen, themes, fonts, and other appearance-related options1. The Accounts settings in Windows 10 allow the user to manage the user accounts, sign-in options, sync settings, and other account-related options1. None of these settings can be used to input the SSID and password of a Wi-Fi network.
References:
? The Official CompTIA A+ Core 2 Study Guide1, page 221, 222, 223, 224.

NEW QUESTION 227
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 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 editions1. 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 231
A technician is finalizing a new workstation for a user. The user's PC will be connected to the internet but will not require the same private address each time. Which of the following protocols will the technician MOST likely utilize?

A. DHCP
B. SMTP
C. DNS
D. RDP

Answer: A

Explanation:
DHCP stands for Dynamic Host Configuration Protocol and it is used to assign IP addresses and other network configuration parameters to devices on a network automatically. This is useful for devices that do not require the same private address each time they connect to the internet.

NEW QUESTION 233
A user is setting up a computer for the first time and would like to create a secondary login with permissions that are different than the primary login. The secondary login will need to be protected from certain content such as games and websites. Which of the following Windows settings should the user utilize to create the secondary login?

A. Privacy
B. Accounts
C. Personalization
D. Shared resources

Answer: B

Explanation:
To create a secondary login with different permissions in Windows 10, the user should utilize the Accounts setting. Here are the steps to create a new user account with different permissions:
? Right-click the Windows Start menu button.
? Select Control Panel.
? Select User Accounts.
? Select Manage another account.
? Select Add a new user in PC settings.
? Use the Accounts dialog box to configure a new account.1

NEW QUESTION 237
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 239
A user receives the following error while attempting to boot a computer.
BOOTMGR is missing
press Ctrl+Alt+Del to restart
Which of the following should a desktop engineer attempt FIRST to address this issue?

A. Repair Windows.
B. Partition the hard disk.
C. Reimage the workstation.
D. Roll back the updates.

Answer: A

Explanation:
The error “BOOTMGR is missing” indicates that the boot sector is damaged or missing1
. The boot sector is a part of the hard disk that contains the code and information needed to

start Windows1. To fix this error, one of the possible methods is to run Startup Repair from Windows Recovery Environment (WinRE)1. Startup Repair is a tool that can automatically diagnose and repair problems with the boot process2.
References: 1: “Bootmgr is missing Press Ctrl+Alt+Del to restart” error when you start Windows (https://support.microsoft.com/en-us/topic/-bootmgr-is-missing-press-ctrl-alt-del- to-restart-error-when-you-start-windows-8bc1b94b-d243-1027-5410-aeb04d5cd5e2) 2: Startup Repair: frequently asked questions (https://support.microsoft.com/en- us/windows/startup-repair-frequently-asked-questions-f5f412a0-19c4-8e0a-9f68- bb0f17f3daa0)

NEW QUESTION 240
A user updates a mobile device's OS. A frequently used application becomes consistently unresponsive immediately after the device is launched. Which of the following troubleshooting steps should the user perform FIRST?

A. Delete the application's cache.
B. Check for application updates.
C. Roll back the OS update.
D. Uninstall and reinstall the application.

Answer: B

Explanation:
Checking for application updates is the first troubleshooting step that the user should perform, because the application may not be compatible with the new OS version and may need an update to fix the issue. Deleting the application’s cache, rolling back the OS update, or uninstalling and reinstalling the application are possible solutions, but they are more time-consuming and disruptive than checking for updates. References: : https://www.comptia.org/training/resources/exam-objectives/comptia-a-core-2-exam- objectives : https://www.lifewire.com/how-to-update-apps-on-android-4173855

NEW QUESTION 241
A technician is investigating an employee's smartphone that has the following symptoms
• The device is hot even when it is not in use.
•Applications crash, especially when others are launched.
• Certain applications, such as GPS, are in portrait mode when they should be in landscape mode.
Which of the following can the technician do to MOST likely resolve these issues with minimal impact? (Select TWO).

A. Mastered
B. Not Mastered

Answer: A

Explanation:
The technician can close unnecessary applications and turn on autorotation to resolve these issues with minimal impact. Autorotation can help the device to switch between portrait and landscape modes automatically. Closing unnecessary applications can help to free up the device’s memory and reduce the device’s temperature1
Reference:
CompTIA A+ Certification Exam: Core 2 (220-1102) Exam Objectives Version 4.0. Retrieved from https://partners.comptia.org/docs/default-source/resources/comptia-a-220- 1102-exam-objectives-(3-0)

NEW QUESTION 244
A technician sees a file that is requesting payment to a cryptocurrency address. Which of the following should the technician do first?

A. Quarantine the computer.
B. Disable System Restore.
C. Update the antivirus software definitions.
D. Boot to safe mode.

Answer: A

Explanation:
Quarantining the computer means isolating it from the network and other devices to prevent the spread of malware or ransomware. Ransomware is a type of

malware that encrypts the files on a computer and demands payment (usually in cryptocurrency) to restore them. If a technician sees a file that is requesting payment to a cryptocurrency address, it is likely that the computer has been infected by ransomware. Quarantining the computer should be the first step to contain the infection and prevent further damage. Disabling System Restore, updating the antivirus software definitions, and booting to safe mode are not steps that should be done before quarantining the computer.

NEW QUESTION 246
A technician has been tasked with troubleshooting audiovisual issues in a conference room. The meeting presenters are unable to play a video with sound. The following error is received:

The Audio Driver is not running.

Which of the following will MOST likely resolve the issue?

A. compmgmt.msc
B. regedit.exe
C. explorer.exe
D. taskmgt.exe
E. gpmc.msc
F. services.msc

Answer: F

Explanation:
services.msc is a tool that can be used to resolve the issue of “The Audio Driver is not running” on a Windows machine. It allows a technician to view, start, stop and configure the services that run on the system, such as the Windows Audio service. compmgmt.msc, regedit.exe, explorer.exe, taskmgt.exe and gpmc.msc are other tools that can be used for different purposes on a Windows machine, but they are not related to audio drivers or services. Verified References: https://www.comptia.org/blog/what-is- services-msc https://www.comptia.org/certifications/a

NEW QUESTION 250
Which of the following is the most likely to use NTFS as the native filesystem?

A. macOS
B. Linux
C. Windows
D. Android

Answer: C

Explanation:
NTFS stands for New Technology File System, which is a proprietary file system developed by Microsoft4. NTFS is the default file system for the Windows NT family of operating systems, which includes Windows 10, Windows Server 2019, and other versions5. NTFS provides features such as security, encryption, compression, journaling, and large volume support45. NTFS is not the native file system for other operating systems, such as macOS, Linux, or Android, although some of them can read or write to NTFS volumes with third-party drivers or tools

NEW QUESTION 251
Which of the following would typically require the most computing resources from the host computer?

A. Chrome OS
B. Windows
C. Android
D. macOS
E. Linux

Answer: B

Explanation:
Windows is the operating system that typically requires the most computing resources from the host computer, compared to the other options. Computing resources include hardware components such as CPU, RAM, disk space, graphics card, and network adapter. The minimum system requirements for an operating system indicate the minimum amount of computing resources needed to install and run the operating system on a computer. The higher the minimum system requirements, the more computing resources the operating system consumes.
According to the web search results, the minimum system requirements for Windows 10 and Windows 11 are as follows12:
? CPU: 1 GHz or faster with two or more cores (Windows 10); 1 GHz or faster with
two or more cores on a compatible 64-bit processor (Windows 11)
? RAM: 1 GB for 32-bit or 2 GB for 64-bit (Windows 10); 4 GB (Windows 11)
? Disk space: 16 GB for 32-bit or 32 GB for 64-bit (Windows 10); 64 GB (Windows 11)
? Graphics card: DirectX 9 or later with WDDM 1.0 driver (Windows 10); DirectX 12 compatible with WDDM 2.0 driver (Windows 11)
? Network adapter: Ethernet or Wi-Fi (Windows 10); Ethernet or Wi-Fi that supports 5 GHz (Windows 11)
The minimum system requirements for macOS Ventura are as follows:
? CPU: Intel Core i3 or higher, or Apple M1 chip
? RAM: 4 GB
? Disk space: 35.5 GB
? Graphics card: Metal-capable
? Network adapter: Ethernet or Wi-Fi
The minimum system requirements for Chrome OS are as follows:
? CPU: Intel Celeron or higher
? RAM: 2 GB
? Disk space: 16 GB
? Graphics card: Integrated
? Network adapter: Ethernet or Wi-Fi
The minimum system requirements for Android are as follows:

? CPU: 1 GHz or higher
? RAM: 512 MB
? Disk space: 8 GB
? Graphics card: OpenGL ES 2.0
? Network adapter: Ethernet or Wi-Fi
The minimum system requirements for Linux vary depending on the distribution, but a common example is Ubuntu, which has the following minimum system requirements:
? CPU: 2 GHz dual core processor or better
? RAM: 4 GB
? Disk space: 25 GB
? Graphics card: 1024 x 768 screen resolution
? Network adapter: Ethernet or Wi-Fi
Based on the comparison of the minimum system requirements, Windows has the highest requirements for CPU, RAM, disk space, and graphics card, while Chrome OS and Android have the lowest requirements. macOS and Linux have moderate requirements, depending on the hardware and software configuration. Therefore, Windows is the operating system that typically requires the most computing resources from the host computer.
References:
? Windows, macOS, Chrome OS, or Linux: Which Operating System Is Right for You?1
? Comparison of operating systems3
? Windows 10 vs 11 Minimum System Requirements: Why Need a New One?2
? macOS Monterey - Technical Specifications
? Chrome OS - Wikipedia
? Android - Wikipedia
? Installation/SystemRequirements - Community Help Wiki

NEW QUESTION 256
A change advisory board just approved a change request. Which of the following is the MOST likely next step in the change process?

A. End user acceptance
B. Perform risk analysis
C. Communicate to stakeholders
D. Sandbox testing

Answer: D

Explanation:
The risk analysis should be performed before it's taken to the board. The step after the board approves the change is End User Agreenment Reference: https://www.youtube.com/watch?v=Ru77iZxuElA&list=PLG49S3nxzAnna96gzhJrzkii4hH_mgW4b&index=59

NEW QUESTION 261
A remote user is having issues accessing an online share. Which of the following tools would MOST likely be used to troubleshoot the Issue?

A. Screen-sharing software
B. Secure shell
C. Virtual private network
D. File transfer software

Answer: A

Explanation:
Screen-sharing software is a tool that allows a technician to remotely view and control a user's screen over the internet. It can be used to troubleshoot issues with accessing an online share, as well as other problems that require visual inspection or guidance. Secure shell (SSH) is a protocol that allows remote access and command execution on another device, but it does not allow screen-sharing. Virtual private network (VPN) is a protocol that creates a secure tunnel between two devices over the internet, but it does not allow remote troubleshooting. File transfer software is a tool that allows transferring files between two devices over the internet, but it does not allow screen- sharing. Verified References: https://www.comptia.org/blog/what-is-screen-sharing- software https://www.comptia.org/certifications/a

NEW QUESTION 265
A technician is trying to encrypt a single folder on a PC. Which of the following should the technician use to accomplish this task?

A. FAT32
B. exFAT
C. BitLocker
D. EFS

Answer: D

Explanation:
EFS (Encrypting File System) is a feature that allows a user to encrypt a single folder or file on a Windows PC. It uses a public key encryption system to protect the data from unauthorized access. FAT32 and exFAT are file system formats that do not support encryption. BitLocker is a feature that encrypts the entire drive, not a single folder or file. Verified References: https://www.comptia.org/blog/what-is-efs https://www.comptia.org/certifications/a

NEW QUESTION 267
A user's iPhone was permanently locked after several tailed login attempts. Which of the following will restore access to the device?

A. Fingerprint and pattern
B. Facial recognition and PIN code

C. Primary account and password
D. Secondary account and recovery code

Answer: D

Explanation:
A secondary account and recovery code are used to reset the primary account and password on an iPhone after it has been locked due to failed login attempts. Fingerprint, pattern, facial recognition and PIN code are biometric or numeric methods that can be used to unlock an iPhone, but they are not helpful if the device has been permanently locked. Verified References: https://support.apple.com/en-us/HT204306 https://www.comptia.org/certifications/a

NEW QUESTION 272
Which of the following is used to ensure users have the appropriate level of access to perform their job functions?

A. Access control list
B. Multifactor authentication
C. Least privilege
D. Mobile device management

Answer: C

Explanation:
Least privilege is the principle that is used to ensure users have the appropriate level of access to perform their job functions. Least privilege means granting users only the minimum amount of access rights and permissions they need to perform their tasks, and nothing more. Least privilege reduces the risk of unauthorized access, data leakage, malware infection, or accidental damage by limiting what users can do on the system or network. Access control list, multifactor authentication, and mobile device management are not principles, but rather mechanisms or methods that can implement least privilege. Access control list is a list that specifies the users or groups that are allowed or denied access to a resource, such as a file, folder, or printer. Multifactor authentication is a method that requires users to provide two or more pieces of evidence to prove their identity, such as a password, a token, or a biometric factor. Mobile device management is a tool that allows managing and securing mobile devices, such as smartphones or tablets, that are used by employees to access corporate data or applications.
References:
? Official CompTIA learning resources CompTIA A+ Core 1 and Core 2, page 25
? [CompTIA Security+ SY0-601 Certification Study Guide], page 1003

NEW QUESTION 275
A company implemented a BYOD policy and would like to reduce data disclosure caused by malware that may infect these devices. Which of the following should the company deploy to address these concerns?

A. UAC
B. MDM
C. LDAP
D. SSO

Answer: B

Explanation:
MDM stands for mobile device management, which is a type of software solution that allows remote management and security of mobile devices. MDM can help a company reduce data disclosure caused by malware that may infect these devices by enforcing security policies, such as encryption, password protection, antivirus software, and remote wipe. MDM can also monitor and control the access of personal devices to corporate data and networks. UAC stands for user account control, which is a feature of Windows that prompts users for permission or an administrator password before making changes that affect the system. UAC may not be effective in preventing malware infection or data disclosure on personal devices. LDAP stands for lightweight directory access protocol, which is a protocol for accessing and managing information stored in a directory service, such as user names and passwords. LDAP does not directly address the issue of malware infection or data disclosure on personal devices. SSO stands for single sign-on, which is a feature that allows users to access multiple applications or services with one set of credentials. SSO may not prevent malware infection or data disclosure on personal devices, and may even increase the risk if the credentials are compromised.
https://www.nist.gov/news-events/news/2021/03/mobile-device-security-bring-your-own-device-byod-draft-sp-1800-22

NEW QUESTION 280
A branch office suspects a machine contains ransomware. Which of the following mitigation steps should a technician take first?

A. Disable System Restore.
B. Remediate the system.
C. Educate the system user.
D. Quarantine the system.

Answer: D

Explanation:
The first mitigation step that a technician should take when a machine is suspected to contain ransomware is to quarantine the system. This means isolating the infected machine from the network and other devices, to prevent the ransomware from spreading and encrypting more data. The technician can quarantine the system by disconnecting the network cable, turning off the wireless adapter, or using firewall rules to block the traffic from and to the machine12.
This step is more important than the other options because:
? Disabling System Restore (A) is not a priority, as it will not stop the ransomware from running or spreading. System Restore is a feature that allows users to restore their system to a previous state, but it may not work if the ransomware has encrypted or deleted the restore points. Moreover, disabling System Restore may prevent the user from recovering some data or settings in the future13.
? Remediating the system (B) is the ultimate goal, but it cannot be done before quarantining the system. Remediating the system means removing the ransomware, restoring the data, and fixing the vulnerabilities that allowed the attack. However, this process requires careful analysis, planning, and execution, and it may not be possible if the ransomware is still active and communicating with the attackers. Therefore, the technician should first isolate the system and then proceed with the remediation steps12.
? Educating the system user © is a preventive measure, but it is not a mitigation step. Educating the system user means raising awareness and providing training on how to avoid ransomware attacks, such as by recognizing phishing emails, avoiding suspicious links or attachments, and updating and patching the system regularly. However, this step will not help if the system is already infected, and it

may not be effective if the user is not willing or able to follow the best
practices. Therefore, the technician should focus on resolving the current incident and then educate the user as part of the recovery plan14.
References:
1: How to Mitigate Ransomware Attacks in 10 Steps - Heimdal Security1 2: 3 steps to prevent and recover from ransomware | Microsoft Security Blog3 3: How to use System Restore on Windows 10 | Windows Central5 4: Ransomware Mitigation | Prevention and Mitigation Strategies - Delinea4

NEW QUESTION 284
A bank would like to enhance building security in order to prevent vehicles from driving into the building while also maintaining easy access for customers. Which of the following BEST addresses this need?

A. Guards
B. Bollards
C. Motion sensors
D. Access control vestibule

Answer: B

Explanation:
Bollards are the best solution to enhance building security in order to prevent vehicles from driving into the building while also maintaining easy access for customers4 References: 2. Bollards. Retrieved from https://en.wikipedia.org/wiki/Bollard

NEW QUESTION 287
During an enterprise rollout of a new application, a technician needs to validate compliance with an application's EULA while also reducing the number of licenses to manage. Which of the following licenses would best accomplish this goal?

A. Personal use license
B. Corporate use license
C. Open-source license
D. Non-expiring license

Answer: B

Explanation:
A corporate use license, also known as a volume license, is a type of software license that allows an organization to purchase and use multiple copies of a software product with a single license key. A corporate use license can help validate compliance with an application's EULA (end-user license agreement), which is a legal contract that defines the terms and conditions of using the software. A corporate use license can also reduce the number of licenses to manage, as it eliminates the need to activate and track individual licenses for each copy of the software. Personal use license, open-source license, and non-expiring license are not types of licenses that can best accomplish this goal.

NEW QUESTION 292
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 297
Which of the following would allow physical access to a restricted area while maintaining a record of events?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Access control vestibule is the correct answer for this question. An access control vestibule is a physical security device that consists of two doors that form an enclosed space between them. The first door opens only after verifying the identity of the person entering, such as by using a card reader, biometric scanner, or keypad. The second door opens only after the first door closes, creating a buffer zone that prevents unauthorized access or tailgating. An access control vestibule also maintains a record of events, such as who entered or exited, when, and how. Hard token, key fob, and door lock are not sufficient to meet the requirements of this question. A hard token is a device that generates a one-time password or code for authentication purposes. A key fob is a small device that can be attached to a key ring and used to unlock doors or start vehicles remotely. A door lock is a mechanism that secures a door from opening without a key or a code. References:
? Official CompTIA learning resources CompTIA A+ Core 1 and Core 2, page 25

NEW QUESTION 299
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: B

Explanation:
The security benefits realized after deploying a client certificate to be used for Wi-Fi access for all devices in an organization are that all Wi-Fi traffic will be encrypted in transit. This means that any data transmitted over the Wi-Fi network will be protected from eavesdropping attempts. Rogue access points will not connect to the network because they will not have the client certificate. However, multifactor authentication will not be forced for Wi-Fi because the client certificate is being used in conjunction with the user's existing username and password12

NEW QUESTION 300
Which of the following command-line tools will delete a directory?

A. md
B. del
C. dir
D. rd
E. cd

Answer: D

Explanation:
To delete an empty directory, enter rd Directory or rmdir Directory . If the directory is not empty, you can remove files and subdirectories from it using the /s switch. You can also use the /q switch to suppress confirmation messages (quiet mode).

NEW QUESTION 303
A technician needs to add an individual as a local administrator on a Windows home PC. Which of the following utilities would the technician MOST likely use?

A. Settings > Personalization
B. Control Panel > Credential Manager
C. Settings > Accounts > Family and Other Users
D. Control Panel > Network and Sharing Center

Answer: C

Explanation:
The technician would most likely use Settings > Accounts > Family and Other Users to add an individual as a local administrator on a Windows home PC. Settings > Accounts > Family and Other Users allows users to add and manage other user accounts on their Windows PC. The technician can add an individual as a local administrator by selecting Add someone else to this PC under Other users and following the steps to create a new user account with administrator privileges. Settings > Personalization allows users to customize the appearance and behavior of their desktop, such as themes, colors, backgrounds, lock screen and screensaver. Settings > Personalization is not related to adding an individual as a local administrator on a Windows home PC but to configuring desktop settings and preferences. Control Panel > Credential Manager allows users to view and manage their web credentials and Windows credentials stored on their Windows PC. Control Panel > Credential Manager is not related to adding

NEW QUESTION 308
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 310
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