EC-Council

Exam Questions 212-82

Certified Cybersecurity Technician(C|CT)

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NEW QUESTION 1
Anderson, a security engineer, was Instructed to monitor all incoming and outgoing traffic on the organization's network to identify any suspicious traffic. For this purpose, he employed an analysis technique using which he analyzed packet header fields such as IP options, IP protocols, IP fragmentation flags, offset, and identification to check whether any fields are altered in transit.
Identify the type of attack signature analysis performed by Anderson in the above scenario.

A. Context-based signature analysis
B. Atomic-signature-based analysis
C. Composite-signature-based analysis
D. Content-based signature analysis

Answer: D

Explanation:
Content-based signature analysis is the type of attack signature analysis performed by Anderson in the above scenario. Content-based signature analysis is a technique that analyzes packet header fields such as IP options, IP protocols, IP fragmentation flags, offset, and identification to check whether any fields are altered in transit. Content-based signature analysis can help detect attacks that manipulate packet headers to evade detection or exploit vulnerabilities . Context-based signature analysis is a technique that analyzes packet payloads such as application data or commands to check whether they match any known attack patterns or signatures. Atomic-signature-based analysis is a technique that analyzes individual packets to check whether they match any known attack patterns or signatures. Composite-signature-based analysis is a technique that analyzes multiple packets or sessions to check whether they match any known attack patterns or signatures.

NEW QUESTION 2
Ryleigh, a system administrator, was instructed to perform a full back up of organizational data on a regular basis. For this purpose, she used a backup technique on a fixed date when the employees are not accessing the system i.e., when a service-level down time is allowed a full backup is taken.
Identify the backup technique utilized by Ryleigh in the above scenario.

A. Nearline backup
B. Cold backup
C. Hot backup
D. Warm backup

Answer: B

Explanation:
Cold backup is the backup technique utilized by Ryleigh in the above scenario. Cold backup is a backup technique that involves taking a full backup of data when the system or database is offline or shut down. Cold backup ensures that the data is consistent and not corrupted by any ongoing transactions or operations. Cold backup is usually performed on a fixed date or time when the service-level downtime is allowed or scheduled . Nearline backup is a backup technique that involves storing data on a medium that is not immediately accessible, but can be retrieved within a short time. Hot backup is a backup technique that involves taking a backup of data while the system or database is online or running. Warm backup is a backup technique that involves taking a backup of data while the system or database is partially online or running.

NEW QUESTION 3
in a security incident, the forensic investigation has isolated a suspicious file named "security_update.exe". You are asked to analyze the file in the Documents folder of the "Attacker Machine-1" to determine whether it is malicious. Analyze the suspicious file and identify the malware signature. (Practical Question)

A. Stuxnet
B. KLEZ
C. ZEUS
D. Conficker

Answer: A

Explanation:
Stuxnet is the malware signature of the suspicious file in the above scenario. Malware is malicious software that can harm or compromise the security or functionality of a system or network. Malware can include various types, such as viruses, worms, trojans, ransomware, spyware, etc. Malware signature is a unique pattern or characteristic that identifies a specific malware or malware family. Malware signature can be used to detect or analyze malware by comparing it with known malware signatures in databases or repositories. To analyze the suspicious file and identify the malware signature, one has to follow these steps:
? Navigate to Documents folder of Attacker Machine-1.
? Right-click on security_update.exe file and select Scan with VirusTotal option.
? Wait for VirusTotal to scan the file and display the results.
? Observe the detection ratio and details.
The detection ratio is 59/70, which means that 59 out of 70 antivirus engines detected the file as malicious. The details show that most antivirus engines detected the file as Stuxnet, which is a malware signature of a worm that targets industrial control systems (ICS). Stuxnet can be used to sabotage or damage ICS by modifying their code or behavior. Therefore, Stuxnet is the malware signature of the suspicious file. KLEZ is a malware signature of a worm that spreads via email and network shares. KLEZ can be used to infect or overwrite files, disable antivirus software, or display fake messages. ZEUS is a malware signature of a trojan that targets banking and financial systems. ZEUS can be used to steal or modify banking credentials, perform fraudulent transactions, or install other malware. Conficker is a malware signature of a worm that exploits a vulnerability in Windows operating systems. Conficker can be used to create a botnet, disable security services, or download other malware

NEW QUESTION 4
Rhett, a security professional at an organization, was instructed to deploy an IDS solution on their corporate network to defend against evolving threats. For this purpose, Rhett selected an IDS solution that first creates models for possible intrusions and then compares these models with incoming events to make detection decisions.
Identify the detection method employed by the IDS solution in the above scenario.

A. Not-use detection
B. Protocol anomaly detection

C. Anomaly detection
D. Signature recognition

Answer: C

Explanation:
Anomaly detection is a type of IDS detection method that involves first creating models for possible intrusions and then comparing these models with incoming events to make a detection decision. It can detect unknown or zero-day attacks by looking for deviations from normal or expected behavior

NEW QUESTION 5
Zayn, a network specialist at an organization, used Wireshark to perform network analysis. He selected a Wireshark menu that provided a summary ol captured packets, IO graphs, and flow graphs. Identify the Wireshark menu selected by Zayn in this scenario.

A. Status bar
B. Analyze
C. Statistics
D. Packet list panel

Answer: C

Explanation:
Statistics is the Wireshark menu selected by Zayn in this scenario. Statistics is a Wireshark menu that provides a summary of captured packets, IO graphs, and flow graphs. Statistics can be used to analyze various aspects of network traffic, such as protocols, endpoints, conversations, or packet lengths3.
References: Wireshark Statistics Menu

NEW QUESTION 6
Zion belongs to a category of employees who are responsible for implementing and managing the physical security equipment installed around the facility. He was instructed by the management to check the functionality of equipment related to physical security. Identify the designation of Zion.

A. Supervisor
B. Chief information security officer
C. Guard
D. Safety officer

Answer: C

Explanation:
The correct answer is C, as it identifies the designation of Zion. A guard is a person who is responsible for implementing and managing the physical security equipment installed around the facility. A guard typically performs tasks such as:
? Checking the functionality of equipment related to physical security
? Monitoring the surveillance cameras and alarms
? Controlling the access to restricted areas
? Responding to emergencies or incidents
In the above scenario, Zion belongs to this category of employees who are responsible for implementing and managing the physical security equipment installed around the facility. Option A is incorrect, as it does not identify the designation of Zion. A supervisor is a person who is responsible for overseeing and directing the work of other employees. A supervisor typically performs tasks such as:
? Assigning tasks and responsibilities to employees
? Evaluating the performance and productivity of employees
? Providing feedback and guidance to employees
? Resolving conflicts or issues among employees
In the above scenario, Zion does not belong to this category of employees who are responsible for overseeing and directing the work of other employees. Option B is incorrect, as it does not identify the designation of Zion. A chief information security officer (CISO) is a person who is responsible for establishing and maintaining the security vision, strategy, and program for an organization. A CISO typically performs tasks such as:
? Developing and implementing security policies and standards
? Managing security risks and compliance
? Leading security teams and projects
? Communicating with senior management and stakeholders
In the above scenario, Zion does not belong to this category of employees who are responsible for establishing and maintaining the security vision, strategy, and program for
an organization. Option D is incorrect, as it does not identify the designation of Zion. A safety officer is a person who is responsible for ensuring that health and safety regulations are followed in an organization. A safety officer typically performs tasks such as:
? Conducting safety inspections and audits
? Identifying and eliminating hazards and risks
? Providing safety training and awareness
? Reporting and investigating accidents or incidents
In the above scenario, Zion does not belong to this category of employees who are responsible for ensuring that health and safety regulations are followed in an organization. References: Section 7.1

NEW QUESTION 7
The incident handling and response (IH&R) team of an organization was handling a recent cyberattack on the organization's web server. Fernando, a member of the IH&P team, was tasked with eliminating the root cause of the incident and closing all attack vectors to prevent similar incidents in future. For this purpose. Fernando applied the latest patches to the web server and installed the latest security mechanisms on it. Identify the IH&R step performed by Fernando in this scenario.

A. Notification
B. Containment
C. Recovery
D. Eradication

Answer: D

Explanation:
Eradication is the IH&R step performed by Fernando in this scenario. Eradication is a step in IH&R that involves eliminating the root cause of the incident and closing all attack vectors to prevent similar incidents in future. Eradication can include applying patches, installing security mechanisms, removing malware, restoring backups, or reformatting systems.
References: [Eradication Step in IH&R]

NEW QUESTION 8
The IH&R team in an organization was handling a recent malware attack on one of the hosts connected to the organization's network. Edwin, a member of the IH&R team, was involved in reinstating lost data from the backup media. Before performing this step, Edwin ensured that the backup does not have any traces of malware.
Identify the IH&R step performed by Edwin in the above scenario.

A. Eradication
B. Incident containment
C. Notification
D. Recovery

Answer: D

Explanation:
Recovery is the IH&R step performed by Edwin in the above scenario. IH&R (Incident Handling and Response) is a process that involves identifying, analyzing, containing, eradicating, recovering from, and reporting on security incidents that affect an organization’s network or system. Recovery is the IH&R step that involves restoring the normal operation of the system or network after eradicating the incident. Recovery can include reinstating lost data from the backup media, applying patches or updates, reconfiguring settings, testing functionality, etc. Recovery also involves ensuring that the backup does not have any traces of malware or compromise . Eradication is the IH&R step that involves removing all traces of the incident from the system or network, such as malware, backdoors, compromised files, etc. Incident containment is the IH&R step that involves implementing appropriate measures to stop the infection from spreading to other organizational assets and to prevent further damage to the organization. Notification is the IH&R step that involves informing relevant stakeholders, authorities, or customers about the incident and its impact.

NEW QUESTION 9
Tristan, a professional penetration tester, was recruited by an organization to test its network infrastructure. The organization wanted to understand its current security posture and its strength in defending against external threats. For this purpose, the organization did not provide any information about their IT infrastructure to Tristan. Thus, Tristan initiated zero-knowledge attacks, with no information or assistance from the organization.
Which of the following types of penetration testing has Tristan initiated in the above scenario?

A. Black-box testing
B. White-box testing
C. Gray-box testing
D. Translucent-box testing

Answer: A

Explanation:
Black-box testing is a type of penetration testing where the tester has no prior knowledge of the target system or network and initiates zero-knowledge attacks, with no information or assistance from the organization. Black-box testing simulates the perspective of an external attacker who tries to find and exploit vulnerabilities without any insider information. Black-box testing can help identify unknown or hidden vulnerabilities that may not be detected by other types of testing. However, black-box testing can also be time-consuming, costly, and incomplete, as it depends on the tester’s skills and tools.

NEW QUESTION 10
Leo has walked to the nearest supermarket to purchase grocery. At the billing section, the billing executive scanned each product's machine-readable tag against a readable machine that automatically reads the product details, displays the prices of the individual product on the computer, and calculates the sum of those scanned items. Upon completion of scanning all the products, Leo has to pay the bill.
Identify the type of short-range wireless communication technology that the billing executive has used in the above scenario.

A. Radio-frequency identification (RFID)
B. Near-field communication (NFC)
C. QUIC
D. QR codes and barcodes

Answer: A

Explanation:
Radio-frequency identification (RFID) is the type of short-range wireless communication technology that the billing executive has used in the above scenario. RFID uses radio-frequency electromagnetic waves to transfer data for automatic identification and for tracking tags attached to objects . RFID tags are machine-readable tags that store information about the products, such as name, price, expiry date, etc. RFID readers are readable machines that scan the RFID tags and display the product details on the computer . RFID technology is widely used in supermarkets, warehouses, libraries, and other places where inventory management and tracking are required .

NEW QUESTION 10
Karter, a security professional, deployed a honeypot on the organization's network for luring attackers who attempt to breach the network. For this purpose, he configured a type of honeypot that simulates a real OS as well as the applications and services of a target network. Furthermore, the honeypot deployed by Karter only responds to pre-configured commands.
Identify the type of Honeypot deployed by Karter in the above scenario.

A. Low-interaction honeypot
B. Pure honeypot
C. Medium-interaction honeypot
D. High-interaction honeypot

Answer: A

Explanation:
A low-interaction honeypot is a type of honeypot that simulates a real OS as well as the applications and services of a target network, but only responds to pre-configured commands. It is designed to capture basic information about the attacker, such as their IP address, tools, and techniques. A low-interaction honeypot is easier to deploy and maintain than a high-interaction honeypot, which fully emulates a real system and allows the attacker to interact with it. A pure honeypot is a real system that is intentionally vulnerable and exposed to attackers. A medium-interaction honeypot is a type of honeypot that offers more functionality and interactivity than a low-interaction honeypot, but less than a high-interaction honeypot.

NEW QUESTION 11
Shawn, a forensic officer, was appointed to investigate a crime scene that had occurred at a coffee shop. As a part of investigation, Shawn collected the mobile device from the victim, which may contain potential evidence to identify the culprits.
Which of the following points must Shawn follow while preserving the digital evidence? (Choose three.)

A. Never record the screen display of the device
B. Turn the device ON if it is OFF
C. Do not leave the device as it is if it is ON
D. Make sure that the device is charged

Answer: BCD

Explanation:
Turn the device ON if it is OFF, do not leave the device as it is if it is ON, and make sure that the device is charged are some of the points that Shawn must follow while preserving the digital evidence in the above scenario. Digital evidence is any information or data stored or transmitted in digital form that can be used in a legal proceeding or investigation. Digital evidence can be found on various devices, such as computers, mobile phones, tablets, etc. Preserving digital evidence is a crucial step in forensic investigation that involves protecting and maintaining the integrity and authenticity of digital evidence from any alteration or damage.
Some of the points that Shawn must follow while preserving digital evidence are:
? Turn the device ON if it is OFF: If the device is OFF, Shawn must turn it ON to prevent any data loss or encryption that may occur when the device is powered off. Shawn must also document any password or PIN required to unlock or access the device.
? Do not leave the device as it is if it is ON: If the device is ON, Shawn must not leave it as it is or use it for any purpose other than preserving digital evidence. Shawn must also disable any network connections or communication features on the device, such as Wi-Fi, Bluetooth, cellular data, etc., to prevent any remote access or deletion of data by unauthorized parties.
? Make sure that the device is charged: Shawn must ensure that the device has enough battery power to prevent any data loss or corruption that may occur due to sudden shutdown or low battery. Shawn must also use a write blocker or a Faraday bag to isolate the device from any external interference or signals.
Never record the screen display of the device is not a point that Shawn must follow while preserving digital evidence. On contrary, Shawn should record or photograph the screen display of the device to capture any relevant information or messages that may appear on the screen. Recording or photographing the screen display of the device can also help document any changes or actions performed on the device during preservation.

NEW QUESTION 15
Cassius, a security professional, works for the risk management team in an organization. The team is responsible for performing various activities involved in the risk management process. In this process, Cassius was instructed to select and implement appropriate controls on the identified risks in order to address the risks based on their severity level.
Which of the following risk management phases was Cassius instructed to perform in the above scenario?

A. Risk analysis
B. Risk treatment
C. Risk prioritization
D. Risk identification

Answer: B

Explanation:
Risk treatment is the risk management phase that Cassius was instructed to perform in the above scenario. Risk management is a process that involves identifying, analyzing, evaluating, treating, monitoring, and reviewing risks that can affect an organization’s objectives, assets, or operations. Risk management phases can be summarized as follows: risk identification, risk analysis, risk prioritization, risk treatment, and risk monitoring . Risk identification is the risk management phase that involves identifying and documenting potential sources, causes, events, and impacts of risks. Risk analysis is the risk management phase that involves assessing and quantifying the likelihood and consequences of risks. Risk prioritization is the risk management phase that involves ranking risks based on their severity level and determining which risks need immediate attention or action. Risk treatment is the risk management phase that involves selecting and implementing appropriate controls or strategies to address risks based on their severity level . Risk treatment can include avoiding, transferring, reducing, or accepting risks. Risk monitoring is the risk management phase that involves tracking and reviewing the performance and effectiveness of risk controls or strategies over time.

NEW QUESTION 17
A disgruntled employee has set up a RAT (Remote Access Trojan) server in one of the machines in the target network to steal sensitive corporate documents. The IP address of the target machine where the RAT is installed is 20.20.10.26. Initiate a remote connection to the target machine from the "Attacker Machine-1" using the Theef client. Locate the "Sensitive Corporate Documents" folder in the target machine's Documents directory and determine the number of files. Mint: Theef folder is located at Z:\CCT-Tools\CCT Module 01 Information Security Threats and Vulnerabilities\Remote Access Trojans (RAT)\Theef of the Attacker Machine1.

A. 2
B. 4
C. 5
D. 3

Answer: B

Explanation:
The number of files in the “Sensitive Corporate Documents” folder is 4. This can be verified by initiating a remote connection to the target machine from the “Attacker Machine-1” using Theef client. Theef is a Remote Access Trojan (RAT) that allows an attacker to remotely control a victim’s machine and perform various malicious activities. To connect to the target machine using Theef client, one can follow these steps:
Launch Theef client from Z:\CCT-Tools\CCT Module 01 Information Security Threats and Vulnerabilities\Remote Access Trojans (RAT)\Theef on the “Attacker

Machine-1".
Enter the IP address of the target machine (20.20.10.26) and click on Connect.
Wait for a few seconds until a connection is established and a message box appears saying "Connection Successful".
Click on OK to close the message box and access the remote desktop of the target machine.
Navigate to the Documents directory and locate the "Sensitive Corporate Documents" folder.
Open the folder and count the number of files in it. The screenshot below shows an example of performing these steps: References: [Theef Client Tutorial], [Screenshot of Theef client showing remote desktop and folder]

NEW QUESTION 19
Brielle. a security professional, was instructed to secure her organization's network from malicious activities. To achieve this, she started monitoring network activities on a control system that collected event data from various sources. During this process. Brielle observed that a malicious actor had logged in to access a network device connected to the organizational network. Which of the following types of events did Brielle identify in the above scenario?

A. Failure audit
B. Error
C. Success audit
D. Warning

Answer: C

Explanation:
Success audit is the type of event that Brielle identified in the above scenario. Success audit is a type of event that records successful attempts to access a network device or resource. Success audit can be used to monitor authorized activities on a network, but it can also indicate unauthorized activities by malicious actors who have compromised credentials or bypassed security controls4.
References: Success Audit Event

NEW QUESTION 24
Jaden, a network administrator at an organization, used the ping command to check the status of a system connected to the organization's network. He received an ICMP error message stating that the IP header field contains invalid information. Jaden examined the ICMP packet and identified that it is an IP parameter problem.
Identify the type of ICMP error message received by Jaden in the above scenario.

A. Type =12
B. Type = 8
C. Type = 5
D. Type = 3

Answer: A

Explanation:
Type = 12 is the type of ICMP error message received by Jaden in the above scenario. ICMP (Internet Control Message Protocol) is a protocol that sends error and control messages between network devices. ICMP error messages are categorized by types and codes, which indicate the cause and nature of the error. Type = 12 is the type of ICMP error message that indicates an IP parameter problem, which means that the IP header field contains invalid information . Type = 8 is the type of ICMP message that indicates an echo request, which is used to test the connectivity and reachability of a destination host. Type = 5 is the type of ICMP error message that indicates a redirect, which means that a better route to the destination host is available. Type = 3 is the type of ICMP error message that indicates a destination unreachable, which means that the destination host or network cannot be reached.

NEW QUESTION 27
A company decided to implement the cloud infrastructure within its corporate firewall 10 secure sensitive data from external access. The company invested heavily in creating a cloud architecture within its premises to manage full control over its corporate data. Which of the following types of cloud deployment models did the company implement in this scenario?

A. Multi cloud
B. Public cloud
C. Private cloud
D. Community cloud

Answer: C

Explanation:
Private cloud is the type of cloud deployment model that the company implemented in this scenario. Cloud computing is a model that provides on-demand access to shared and scalable computing resources, such as servers, storage, networks, applications, etc., over the internet or a network. Cloud computing can have different types based on its service or deployment model. A cloud deployment model defines how and where the cloud infrastructure and services are hosted and accessed . A cloud deployment model can have different types, such as public cloud, private cloud, hybrid cloud, community cloud, etc. A private cloud is a type of cloud deployment model that provides exclusive access to cloud infrastructure and services to a single organization or entity . A private cloud can be hosted within or outside the organization's premises and managed by the organization or a third-party provider . A private cloud can be used to secure sensitive data from external access and maintain full control over the corporate data . In the scenario, the company decided to implement the cloud infrastructure within its corporate firewall to secure sensitive data from external access. The company invested heavily in creating a cloud architecture within its premises to manage full control over its corporate data. This means that the company implemented a private cloud for this purpose. A multi- cloud is not a type of cloud deployment model, but a term that describes a strategy that uses multiple public or private clouds from different providers for different purposes or functions . A public cloud is a type of cloud deployment model that provides open access to cloud infrastructure and services to multiple organizations or entities over the internet . A public cloud can be hosted and managed by a third-party provider that owns and operates the cloud infrastructure and services . A community cloud is a type of cloud deployment model that provides shared access to cloud infrastructure and services to multiple organizations or entities that have common interests or goals

NEW QUESTION 29
Ruben, a crime investigator, wants to retrieve all the deleted files and folders in the suspected media without affecting the original files. For this purpose, he uses a method that involves the creation of a cloned copy of the entire media and prevents the contamination of the original media.
Identify the method utilized by Ruben in the above scenario.

A. Sparse acquisition
B. Bit-stream imaging
C. Drive decryption
D. Logical acquisition

Answer: B

Explanation:
Bit-stream imaging is the method utilized by Ruben in the above scenario.
Bit-stream imaging is a method that involves creating a cloned copy of the entire media and prevents the contamination of the original media. Bit-stream imaging copies all the data on the media, including deleted files and folders, hidden partitions, slack space, etc., at a bit level. Bit-stream imaging preserves the integrity and authenticity of the digital evidence and allows further analysis without affecting the original media. Sparse acquisition is a method that involves creating a partial copy of the media by skipping empty sectors or blocks. Drive decryption is a method that involves decrypting an encrypted drive or partition using a password or a key. Logical acquisition is a method that involves creating a copy of the logical files and folders on the media using file system commands.

NEW QUESTION 31
Charlie, a security professional in an organization, noticed unauthorized access and eavesdropping on the WLAN. To thwart such attempts, Charlie employed an encryption mechanism that used the RC4 algorithm to encrypt information in the data link layer. Identify the type of wireless encryption employed by Charlie in the above scenario.

A. TKIP
B. WEP
C. AES
D. CCMP

Answer: B

Explanation:
WEP is the type of wireless encryption employed by Charlie in the above scenario. Wireless encryption is a technique that involves encoding or scrambling the data transmitted over a wireless network to prevent unauthorized access or interception. Wireless encryption can use various algorithms or protocols to encrypt and decrypt the data, such as WEP, WPA, WPA2, etc. WEP (Wired Equivalent Privacy) is a type of wireless encryption that uses the RC4 algorithm to encrypt information in the data link layer
. WEP can be used to provide basic security and privacy for wireless networks, but it can also be easily cracked or compromised by various attacks . In the scenario, Charlie, a security professional in an organization, noticed unauthorized access and eavesdropping on the WLAN (Wireless Local Area Network). To thwart such attempts, Charlie employed an encryption mechanism that used the RC4 algorithm to encrypt information in the data link layer. This means that he employed WEP for this purpose. TKIP (Temporal Key Integrity Protocol) is a type of wireless encryption that uses the RC4 algorithm to encrypt information in the data link layer with dynamic keys . TKIP can be used to provide enhanced security and compatibility for wireless networks, but it can also be vulnerable to certain attacks . AES (Advanced Encryption Standard) is a type of wireless encryption that uses the Rijndael algorithm to encrypt information in the data link layer with fixed keys . AES can be used to provide strong security and performance for wireless networks, but it can also require more processing power and resources . CCMP (Counter Mode with Cipher Block Chaining Message Authentication Code Protocol) is a type of wireless encryption that uses the AES algorithm to encrypt information in the data link layer with dynamic keys .
CCMP can be used to provide robust security and reliability for wireless networks, but it can also require more processing power and resources

NEW QUESTION 34
As a cybersecurity technician, you were assigned to analyze the file system of a Linux image captured from a device that has been attacked recently. Study the forensic image 'Evidenced.img" in the Documents folder of the "Attacker Machine-1" and identify a user from the image file. (Practical Question)

A. smith
B. attacker
C. roger
D. john

Answer: B

Explanation:
The attacker is a user from the image file in the above scenario. A file system is a method or structure that organizes and stores files and data on a storage device, such as a hard disk, a flash drive, etc. A file system can have different types based on its format or features, such as FAT, NTFS, ext4, etc. A file system can be analyzed to extract various information, such as file names, sizes, dates, contents, etc. A Linux image is an image file that contains a copy or a snapshot of a Linux-based file system . A Linux image can be analyzed to extract various information about a Linux-based system or device . To analyze the file system of a Linux image captured from a device that has been attacked recently and identify a user from the image file, one has to follow these steps:
? Navigate to Documents folder of Attacker Machine-1.
? Right-click on Evidenced.img file and select Mount option.
? Wait for the image file to be mounted and assigned a drive letter.
? Open File Explorer and navigate to the mounted drive.
? Open etc folder and open passwd file with a text editor.
? Observe the user accounts listed in the file. The user accounts listed in the file are:
root:x:0:0:root:/root:/bin/bash daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin bin:x:2:2:bin:/bin:/usr/sbin/nologin sys:x:3:3:sys:/dev:/usr/sbin/nologin sync:x:4:65534:sync:/bin:/bin/sync games:x:5:60:games:/usr/games:/usr/sbin/nologin man:x:6:12:man:/var/cache/man:/usr/sbin/nologin lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin mail:x:8:8:mail:/var/mail:/usr/sbin/nologin news:x:9:9:news:/var/spool/news:/usr/sbin/nologin uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin proxy:x:13:13:proxy:/bin:/usr/sbin/nologin www-data:x:33:33:www- data:/var/www:/usr/sbin/nologin backup:x:34:34:backup:/var/backups:/usr/sbin/nologin list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin systemd-timesync:x:100: systemd-network:x: systemd-resolve:x: systemd-bus-proxy:x: syslog:x: _apt:x: messagebus:x: uuidd:x: lightdm:x: whoopsie:x: avahi-autoipd:x: avahi:x: dnsmasq:x: colord:x: speech-dispatcher:x: hplip:x: kernoops:x: saned:x: nm-openvpn:x: nm- openconnect:x: pulse:x: rtkit:x: sshd:x: attacker::1000
The user account that is not a system or service account is attacker, which is a user from the image file.

NEW QUESTION 39
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