350-201 Dumps

Performing CyberOps Using Core Security Technologies (CBRCOR)

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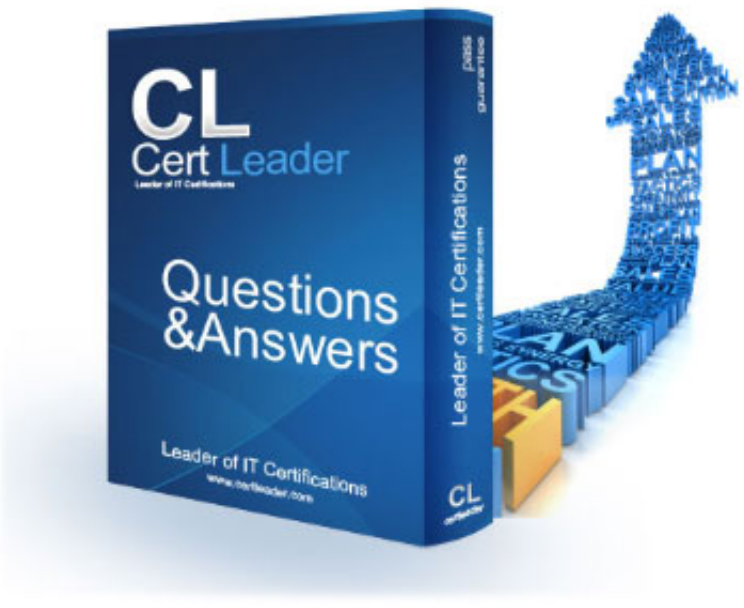


NEW QUESTION 1
Refer to the exhibit.

Max (K)	Retain	OverflowAction	Entries	Log
15,168	0	OverwriteAsNeeded	20,792	Application
15,168	0	OverwriteAsNeeded	12,559	System
15,360	0	OverwriteAsNeeded	11,173	Windows PowerShell

Which command was executed in PowerShell to generate this log?

A. Get-EventLog -LogName*
B. Get-EventLog -List
C. Get-WinEvent -ListLog* -ComputerName localhost
D. Get-WinEvent -ListLog*

Answer: A

NEW QUESTION 2
Which command does an engineer use to set read/write/execute access on a folder for everyone who reaches the resource?

A. chmod 666
B. chmod 774
C. chmod 775
D. chmod 777

Answer: D

NEW QUESTION 3
A patient views information that is not theirs when they sign in to the hospital's online portal. The patient calls the support center at the hospital but continues to be put on hold because other patients are experiencing the same issue. An incident has been declared, and an engineer is now on the incident bridge as the CyberOps Tier 3 Analyst. There is a concern about the disclosure of PII occurring in real-time. What is the first step the analyst should take to address this incident?

A. Evaluate visibility tools to determine if external access resulted in tampering
B. Contact the third-party handling provider to respond to the incident as critical
C. Turn off all access to the patient portal to secure patient records
D. Review system and application logs to identify errors in the portal code

Answer: C

NEW QUESTION 4
The incident response team receives information about the abnormal behavior of a host. A malicious file is found being executed from an external USB flash drive. The team collects and documents all the necessary evidence from the computing resource. What is the next step?

A. Conduct a risk assessment of systems and applications
B. Isolate the infected host from the rest of the subnet
C. Install malware prevention software on the host
D. Analyze network traffic on the host's subnet

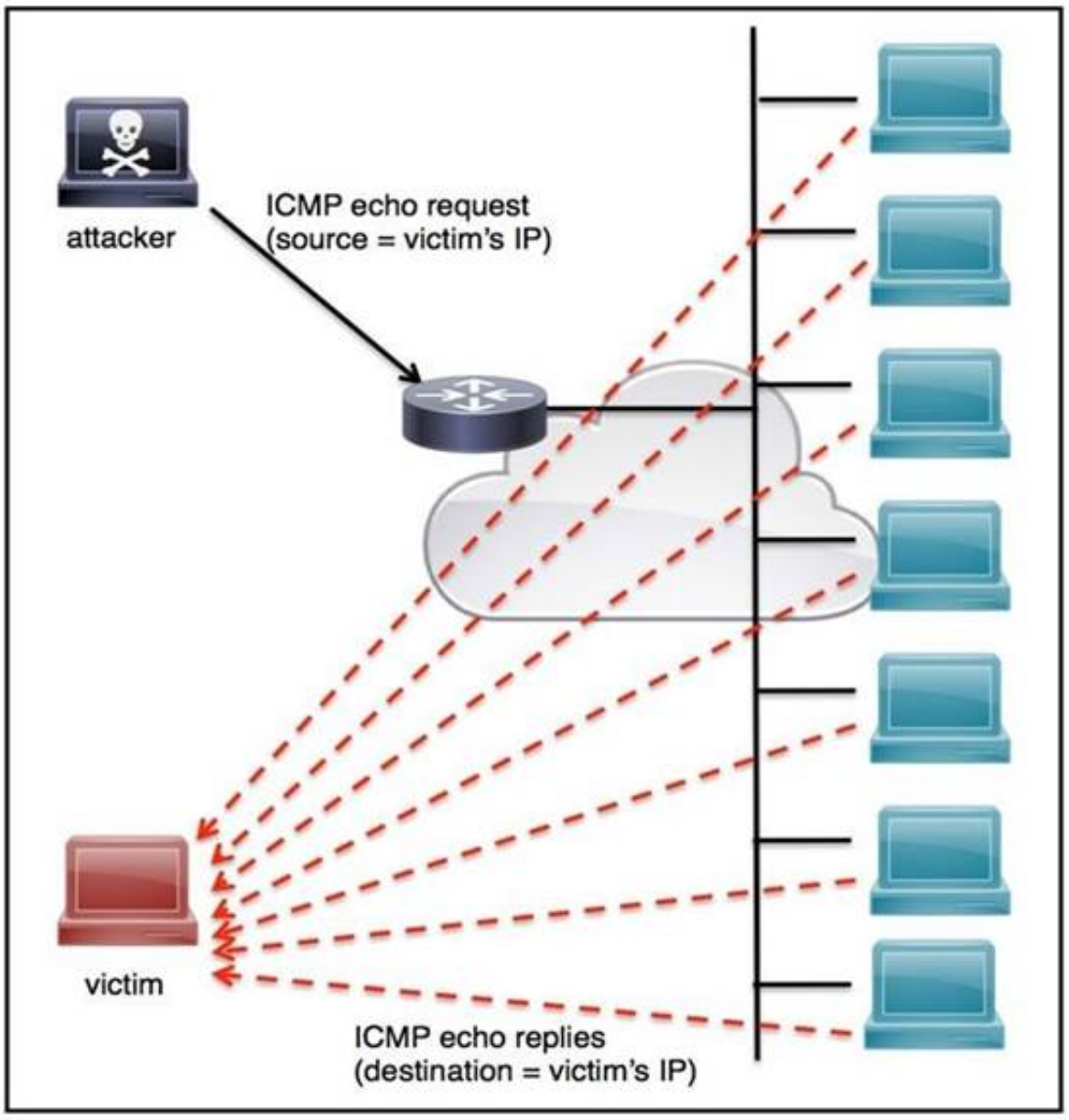
Answer: B

NEW QUESTION 5
Employees report computer system crashes within the same week. An analyst is investigating one of the computers that crashed and discovers multiple shortcuts in the system's startup folder. It appears that the shortcuts redirect users to malicious URLs. What is the next step the engineer should take to investigate this case?

A. Remove the shortcut files
B. Check the audit logs
C. Identify affected systems
D. Investigate the malicious URLs

Answer: C

NEW QUESTION 6
Refer to the exhibit.



An engineer must tune the Cisco IOS device to mitigate an attack that is broadcasting a large number of ICMP packets. The attack is sending the victim's spoofed source IP to a network using an IP broadcast address that causes devices in the network to respond back to the source IP address. Which action does the engineer recommend?

A. Use command ip verify reverse-path interface
B. Use global configuration command service tcp-keepalives-out
C. Use subinterface command no ip directed-broadcast
D. Use logging trap 6

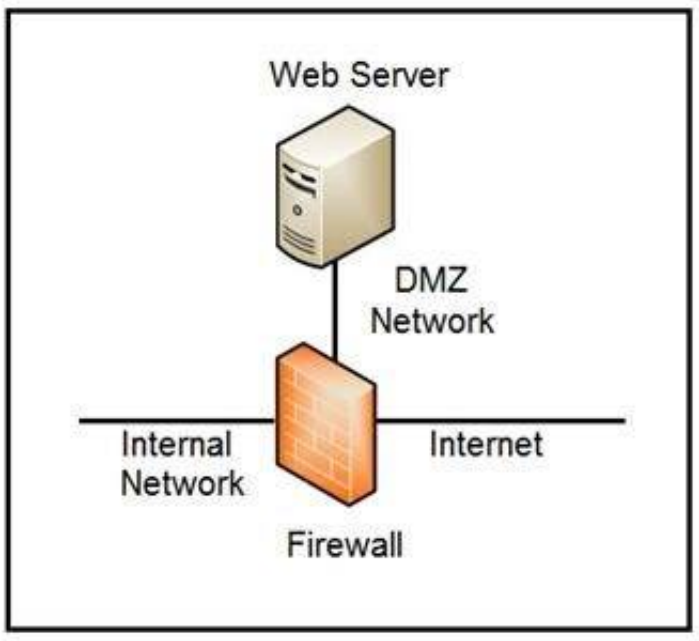
Answer: A

NEW QUESTION 7
A SOC analyst is investigating a recent email delivered to a high-value user for a customer whose network their organization monitors. The email includes a suspicious attachment titled "Invoice RE: 0004489". The hash of the file is gathered from the Cisco Email Security Appliance. After searching Open Source Intelligence, no available history of this hash is found anywhere on the web. What is the next step in analyzing this attachment to allow the analyst to gather indicators of compromise?

A. Run and analyze the DLP Incident Summary Report from the Email Security Appliance
B. Ask the company to execute the payload for real time analysis
C. Investigate further in open source repositories using YARA to find matches
D. Obtain a copy of the file for detonation in a sandbox

Answer: D

NEW QUESTION 8
Refer to the exhibit.



Which two steps mitigate attacks on the webserver from the Internet? (Choose two.)

A. Create an ACL on the firewall to allow only TLS 1.3
B. Implement a proxy server in the DMZ network
C. Create an ACL on the firewall to allow only external connections
D. Move the webserver to the internal network

Answer: BD

NEW QUESTION 9
Refer to the exhibit.


```
{
  "type": "bundle",
  "id": "bundle--56be2a39",
  "objects": [
      {
        "type": "indicator",
        "spec_version": "2.1",
        "id": "indicator--d81f86b9-9f",
        "created": "2020-08-10T13:49:37.079Z",
        "modified": "2020-08-10T13:49:37.079Z",
        "name": "Malicious site hosting downloader",
        "indicator_types":[
            "malicious-activity"
        ],
        "pattern": "[url:value = 'http://y2z7atc.cn/4823/']",
        "pattern_type": "stix",
        "valid_from": "2020-08-10T13:49:37.079Z"
      },
      {
        "type": "malware",
        "spec_version": "2.1",
        "id": "malware- -162d9 a",
        "created": "2020-08-13T09:15:17.182Z",
        "modified": "2020-08-13T09:15:17.182Z",
        "name": "y2z7atc backdoor",
        "malware_types": [
            "backdoor",
            "remote-access-trojan"
        ],
        "is_family": false,
        "kil_chain_phases": [
            {
              "kill_chain_name": "mandant-attack-lifecycle-model",
              "phase_name": "establish-foothold"
            }
        ]
      },
      {
        "type": "relationship",
        "spec_version": "2.1",
        "id": "relationship--864af2e5",
        "created": "2020-08-15T18:03:58.029Z",
        "modified": "2020-08-15T18:03:58.029Z",
        "relationship_type": "indicates",
        "source_ref": "indicator--d81f86b9-975b-4c0b-875e-810c5ad45a4"
        "target_ref": "malware--162d917e07661-4611-b5d6-652791454fca"
      }
    ]
}
```


Which indicator of compromise is represented by this STIX?

A. website redirecting traffic to ransomware server
B. website hosting malware to download files
C. web server vulnerability exploited by malware
D. cross-site scripting vulnerability to backdoor server

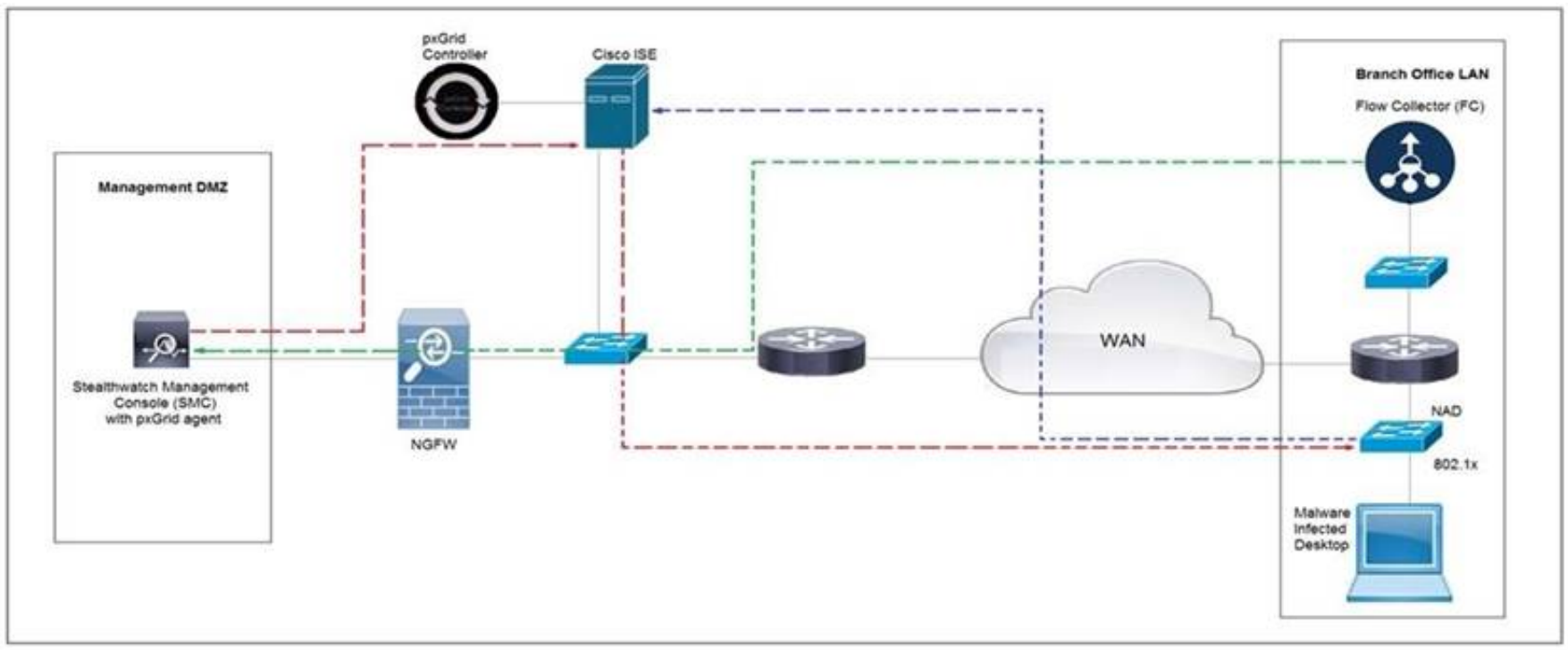
Answer: C

NEW QUESTION 10
How does Wireshark decrypt TLS network traffic?

A. with a key log file using per-session secrets
B. using an RSA public key
C. by observing DH key exchange
D. by defining a user-specified decode-as

Answer: A

NEW QUESTION 10
Refer to the exhibit.

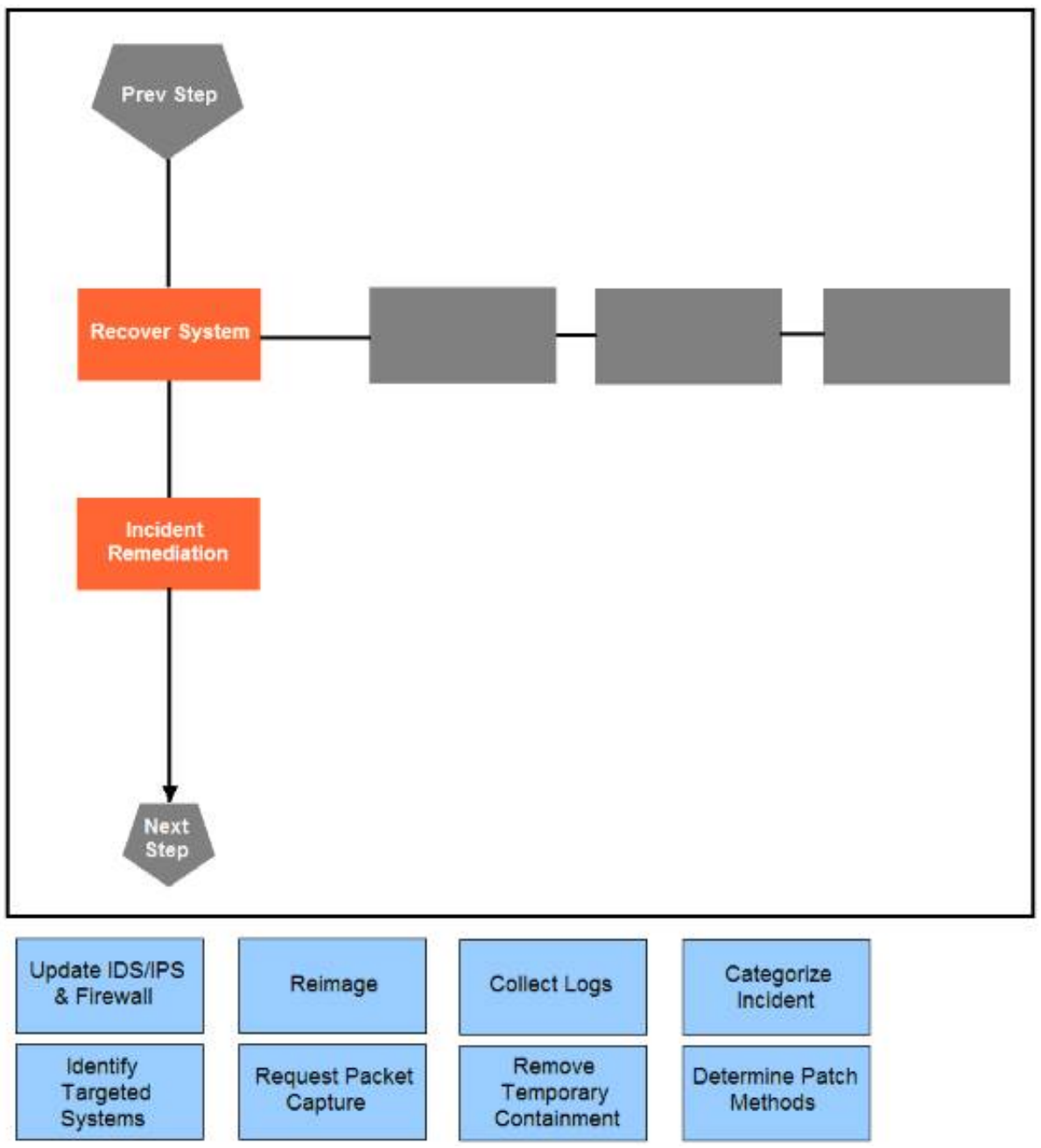


Cisco Rapid Threat Containment using Cisco Secure Network Analytics (Stealthwatch) and ISE detects the threat of malware-infected 802.1x authenticated endpoints and places that endpoint into a Quarantine VLAN using Adaptive Network Control policy. Which telemetry feeds were correlated with SMC to identify the malware?

A. NetFlow and event data
B. event data and syslog data
C. SNMP and syslog data
D. NetFlow and SNMP

Answer: B

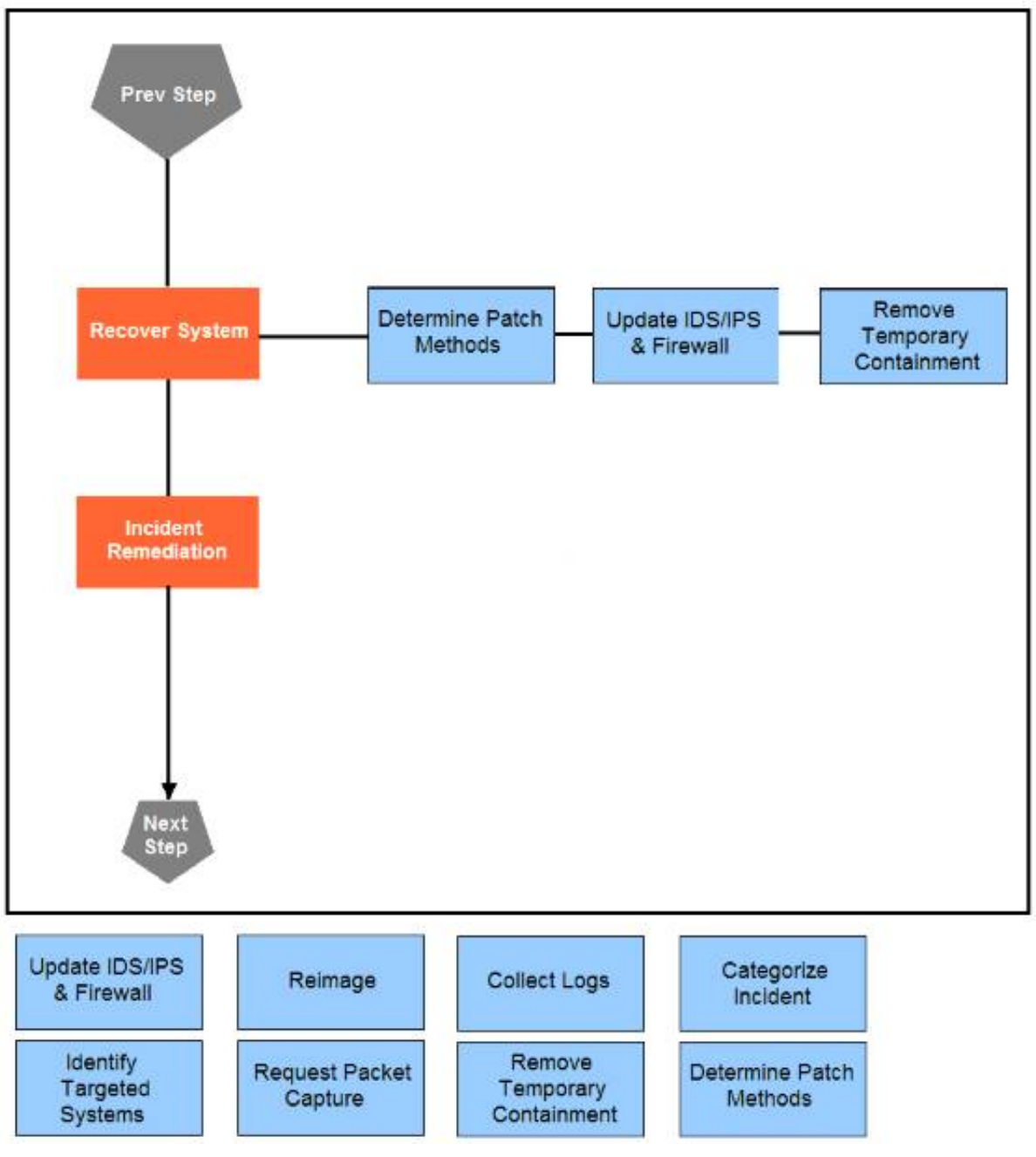
NEW QUESTION 12
Drag and drop the actions below the image onto the boxes in the image for the actions that should be taken during this playbook step. Not all options are used.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 15
A company recently completed an internal audit and discovered that there is CSRF vulnerability in 20 of its hosted applications. Based on the audit, which recommendation should an engineer make for patching?

A. Identify the business applications running on the assets
B. Update software to patch third-party software
C. Validate CSRF by executing exploits within Metasploit
D. Fix applications according to the risk scores

Answer: D

NEW QUESTION 20
Refer to the exhibit.

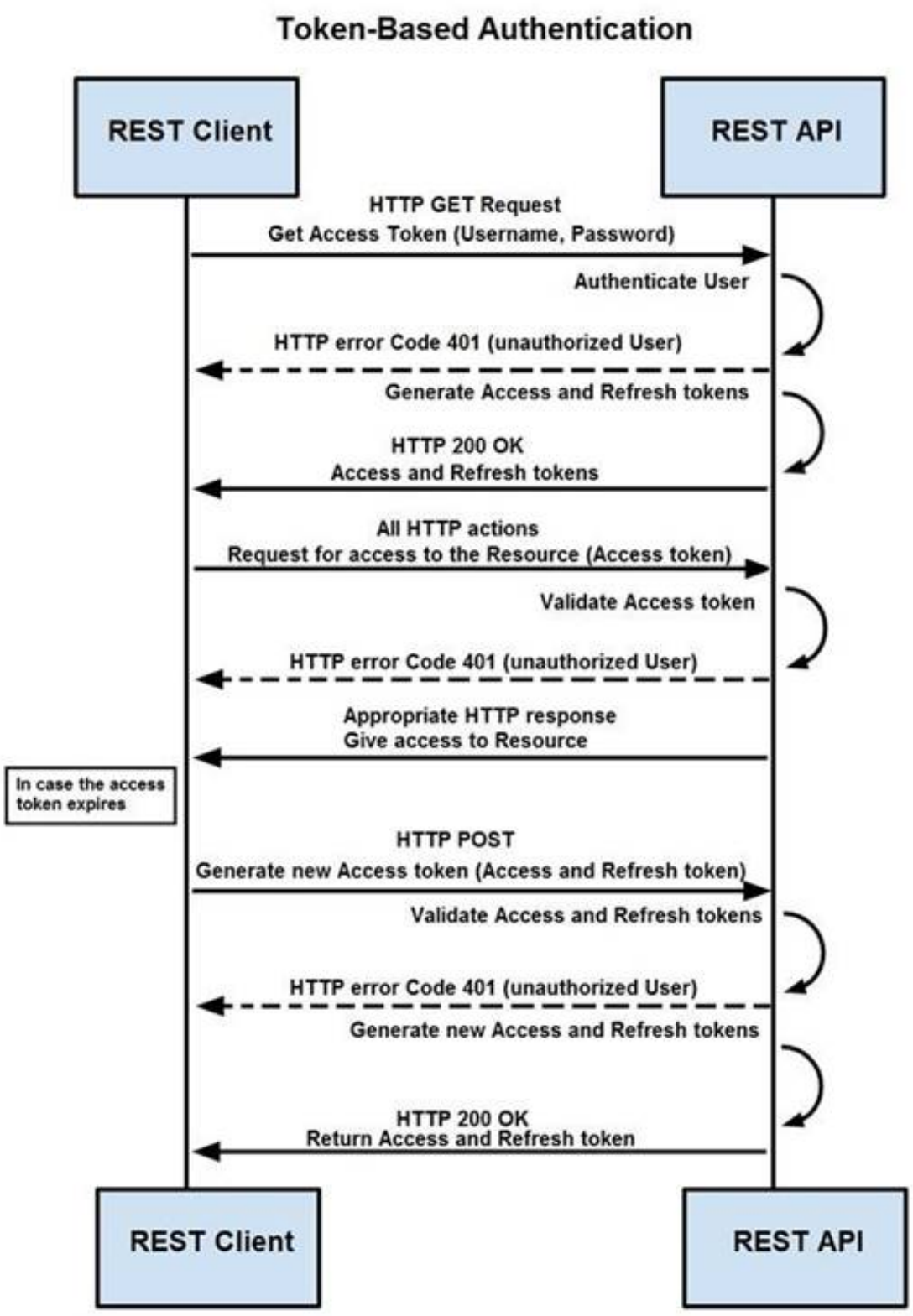
```
<employees>
  <employee>
    <lastname>Smith</lastname>
    <firstname>Richard</firstname>
  </employee>
  <employee>
    <lastname>Witzel</lastname>
    <firstname>Sevan</firstname>
  </employee>
</employees>
```

Which data format is being used?

A. JSON
B. HTML
C. XML
D. CSV

Answer: B

NEW QUESTION 21
Refer to the exhibit.

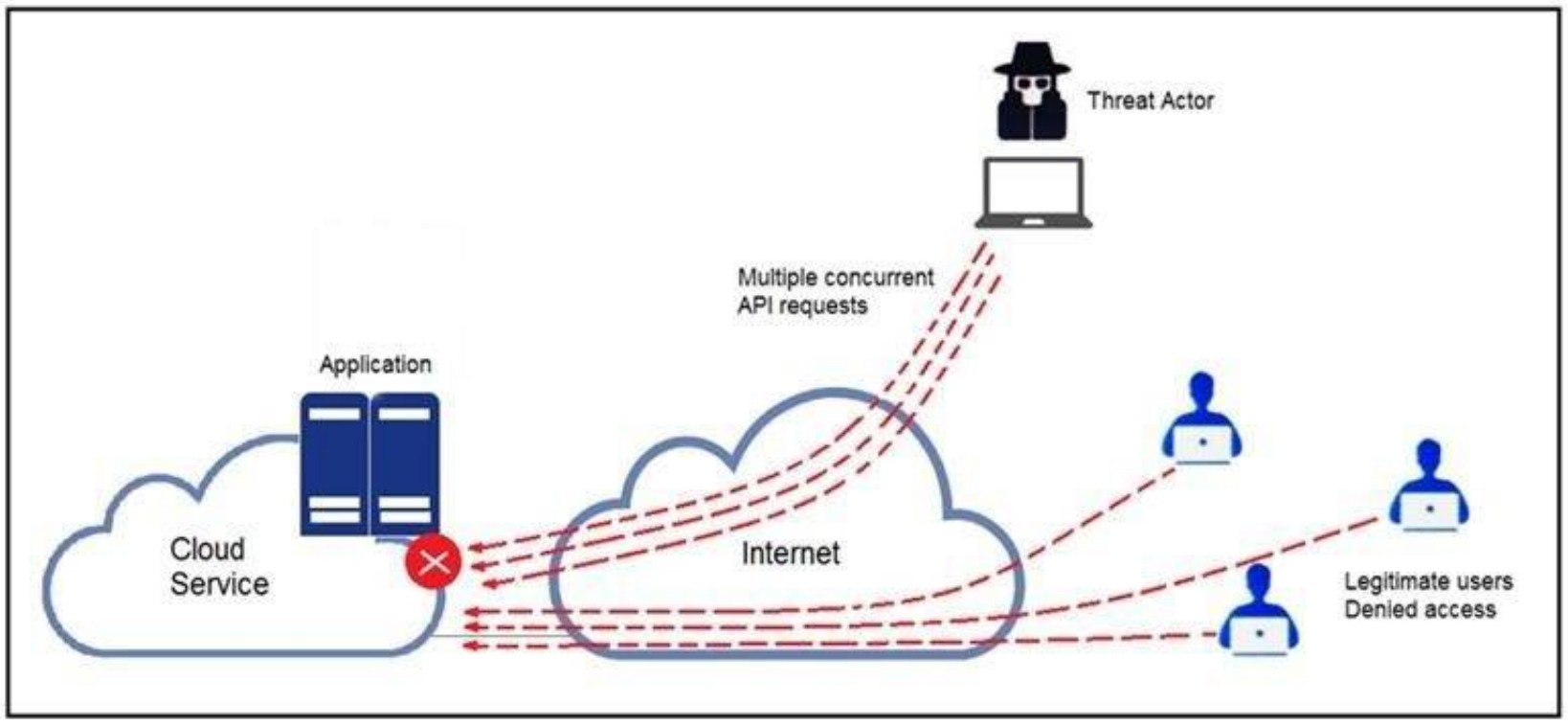


How are tokens authenticated when the REST API on a device is accessed from a REST API client?

A. The token is obtained by providing a passwor
B. The REST client requests access to a resource using the access toke
C. The REST API validates the access token and gives access to the resource.
D. The token is obtained by providing a passwor
E. The REST API requests access to a resource using the access token, validates the access token, and gives access to the resource.
F. The token is obtained before providing a passwor
G. The REST API provides resource access, refreshes tokens, and returns them to the REST clien
H. The REST client requests access to a resource using theaccess token.
I. The token is obtained before providing a passwor
J. The REST client provides access to a resource using the access toke
K. The REST API encrypts the access token and gives access to the resource.

Answer: D

NEW QUESTION 25
Refer to the exhibit.



A threat actor behind a single computer exploited a cloud-based application by sending multiple concurrent API requests. These requests made the application unresponsive. Which solution protects the application from being overloaded and ensures more equitable application access across the end-user community?

A. Limit the number of API calls that a single client is allowed to make
B. Add restrictions on the edge router on how often a single client can access the API
C. Reduce the amount of data that can be fetched from the total pool of active clients that call the API
D. Increase the application cache of the total pool of active clients that call the API

Answer: A

NEW QUESTION 28
An engineer has created a bash script to automate a complicated process. During script execution, this error occurs: permission denied. Which command must be added to execute this script?

A. chmod +x ex.sh
B. source ex.sh
C. chroot ex.sh
D. sh ex.sh

Answer: A

NEW QUESTION 33
What is the purpose of hardening systems?

A. to securely configure machines to limit the attack surface
B. to create the logic that triggers alerts when anomalies occur
C. to identify vulnerabilities within an operating system
D. to analyze attacks to identify threat actors and points of entry

Answer: A

NEW QUESTION 36
A security analyst receives an escalation regarding an unidentified connection on the Accounting A1 server within a monitored zone. The analyst pulls the logs and discovers that a Powershell process and a WMI tool process were started on the server after the connection was established and that a PE format file was created in the system directory. What is the next step the analyst should take?

A. Isolate the server and perform forensic analysis of the file to determine the type and vector of a possible attack
B. Identify the server owner through the CMDB and contact the owner to determine if these were planned and identifiable activities
C. Review the server backup and identify server content and data criticality to assess the intrusion risk
D. Perform behavioral analysis of the processes on an isolated workstation and perform cleaning procedures if the file is malicious

Answer: C

NEW QUESTION 38
An organization installed a new application server for IP phones. An automated process fetched user credentials from the Active Directory server, and the application will have access to on-premises and cloud services. Which security threat should be mitigated first?

A. aligning access control policies
B. exfiltration during data transfer
C. attack using default accounts
D. data exposure from backups

Answer: B

NEW QUESTION 42
An organization had a breach due to a phishing attack. An engineer leads a team through the recovery phase of the incident response process. Which action

should be taken during this phase?

A. Host a discovery meeting and define configuration and policy updates
B. Update the IDS/IPS signatures and reimage the affected hosts
C. Identify the systems that have been affected and tools used to detect the attack
D. Identify the traffic with data capture using Wireshark and review email filters

Answer: C

NEW QUESTION 44
A new malware variant is discovered hidden in pirated software that is distributed on the Internet. Executives have asked for an organizational risk assessment. The security officer is given a list of all assets. According to NIST, which two elements are missing to calculate the risk assessment? (Choose two.)

A. incident response playbooks
B. asset vulnerability assessment
C. report of staff members with asset relations
D. key assets and executives
E. malware analysis report

Answer: BE

NEW QUESTION 45
A payroll administrator noticed unexpected changes within a piece of software and reported the incident to the incident response team. Which actions should be taken at this step in the incident response workflow?

A. Classify the criticality of the information, research the attacker’s motives, and identify missing patches
B. Determine the damage to the business, extract reports, and save evidence according to a chain of custody
C. Classify the attack vector, understand the scope of the event, and identify the vulnerabilities being exploited
D. Determine the attack surface, evaluate the risks involved, and communicate the incident according to the escalation plan

Answer: B

NEW QUESTION 50
An engineer is going through vulnerability triage with company management because of a recent malware outbreak from which 21 affected assets need to be patched or remediated. Management decides not to prioritize fixing the assets and accepts the vulnerabilities. What is the next step the engineer should take?

A. Investigate the vulnerability to prevent further spread
B. Acknowledge the vulnerabilities and document the risk
C. Apply vendor patches or available hot fixes
D. Isolate the assets affected in a separate network

Answer: D

NEW QUESTION 55
What is the HTTP response code when the REST API information requested by the authenticated user cannot be found?

A. 401B.-402C.403D.404E.405

Answer: A

NEW QUESTION 57
An organization had several cyberattacks over the last 6 months and has tasked an engineer with looking for patterns or trends that will help the organization anticipate future attacks and mitigate them. Which data analytic technique should the engineer use to accomplish this task?

A. diagnostic
B. qualitative
C. predictive
D. statistical

Answer: C

NEW QUESTION 60
An engineer notices that unauthorized software was installed on the network and discovers that it was installed by a dormant user account. The engineer suspects an escalation of privilege attack and responds to the incident. Drag and drop the activities from the left into the order for the response on the right.

Answer Area

Identify systems to be taken offline	Step 1
Conduct content scans	Step 2
Collect log data	Step 3
Request system patch	Step 4
Reimage	Step 5

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Identify systems to be taken offline	Conduct content scans
Conduct content scans	Collect log data
Collect log data	Identify systems to be taken offline
Request system patch	Reimage
Reimage	Request system patch

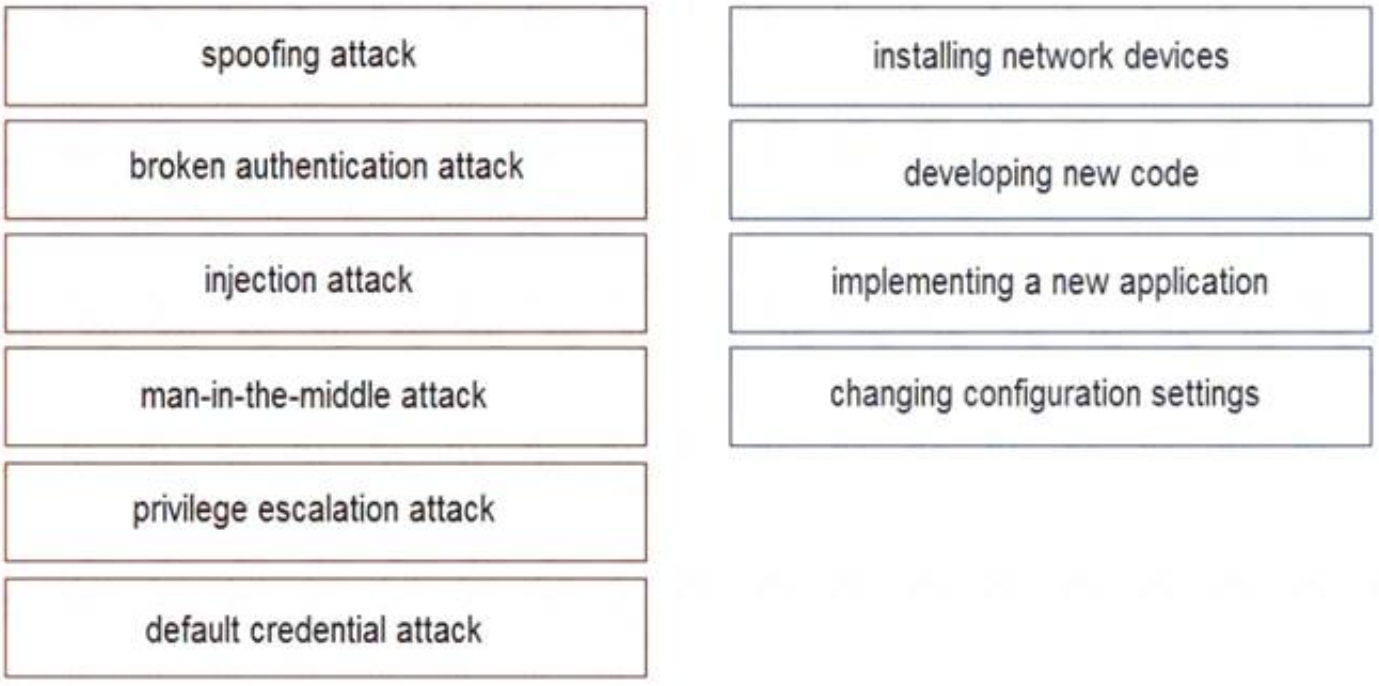
NEW QUESTION 62
A SOC analyst is notified by the network monitoring tool that there are unusual types of internal traffic on IP subnet 103.861.2117.0/24. The analyst discovers unexplained encrypted data files on a computer system that belongs on that specific subnet. What is the cause of the issue?

A. DDoS attack
B. phishing attack
C. virus outbreak
D. malware outbreak

Answer: D

NEW QUESTION 63
Drag and drop the threat from the left onto the scenario that introduces the threat on the right. Not all options are used.

Answer Area

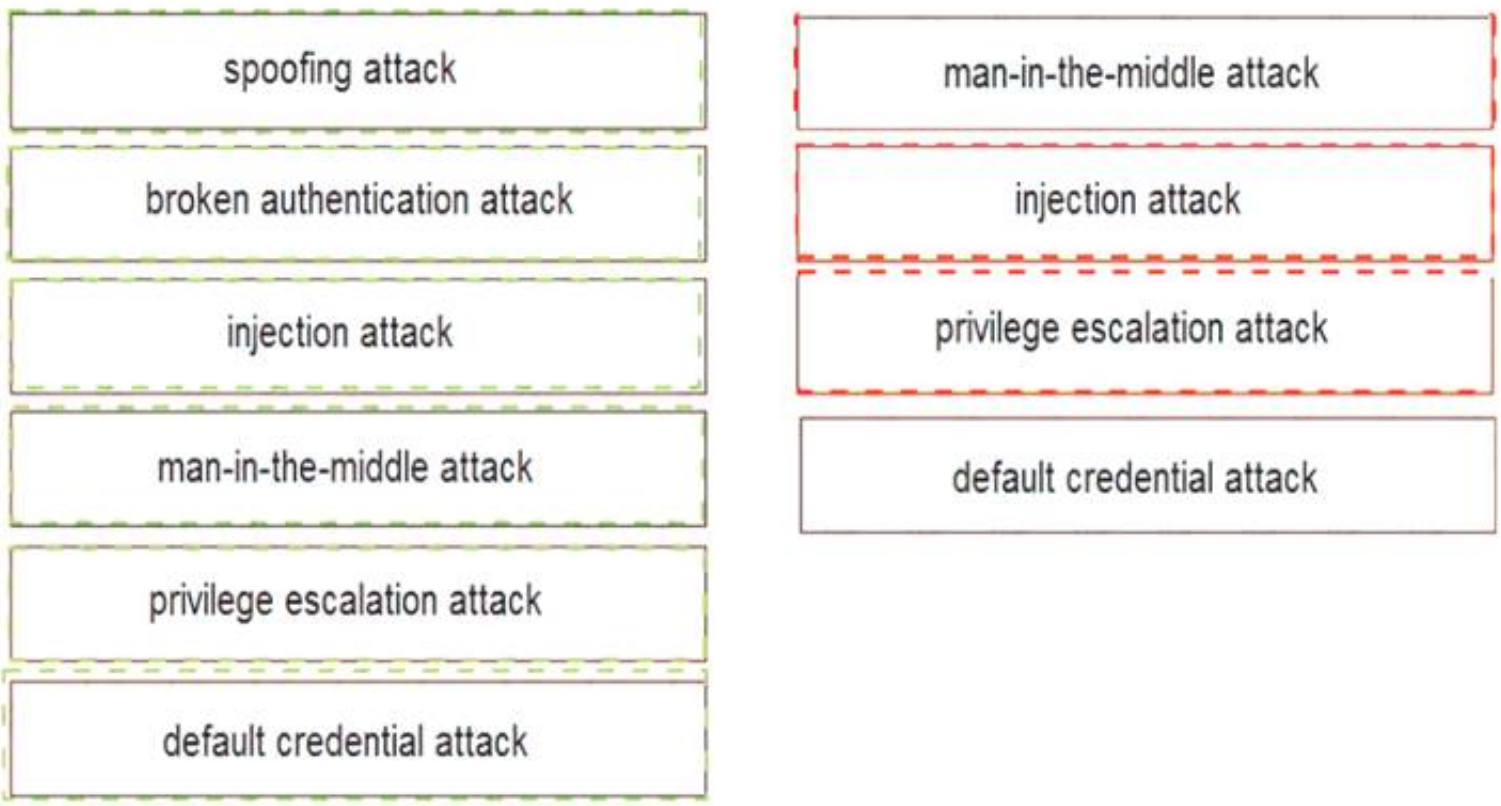


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 66
Refer to the exhibit.

Analysis Report

ID	12cbeee21b1ea4	Filename	ee482400446236cb315ad7ed035bd77ad4014039ec9bfebc8f2.eml
OS	Windows 7 64-bit	Magic Type	SMTP mail, ASCII text
		Analyzed As	eml
Started	10/13/20 06:22:43	SHA256	ee482400446236cb3f5ad7ed035bd77add40140058b6d0e6ffe639ec9bfebc8f2
Ended	10/13/20 06:29:19		
Duration	0:06:36	SHA1	d700bca5b65aaf0c613d702d9a28a6084692224
Sandbox	rcn-work-042 (pilot-d)	MD5	58d1163715089192a8177a5244b9658f

Behavioral Indicators

Email References Localhost in Received Message Trace	Severity: 40	Confidence: 100
Document Contains Embedded Material and Minimal Content	Severity: 50	Confidence: 80
Download Forced Open/Save Prompt	Severity: 50	Confidence: 75
Email With Different Sender and Return-Path Detected	Severity: 60	Confidence: 60
Process Users Very Large Command-Line	Severity: 40	Confidence: 80
File Downloaded to Disk	Severity: 30	Confidence: 90
Potential Code Injection Detected	Severity: 50	Confidence: 50
HTTP Client Error Response	Severity: 50	Confidence: 50
Sample Communicates With Only Benign Domains	Severity: 20	Confidence: 95
Executable with Encrypted Sections	Severity: 30	Confidence: 30
Outbound Communications to Nginx Web Server	Severity: 25	Confidence: 25
Outbound HTTP POST Communications	Severity: 25	Confidence: 25
Document Queried Domain	Severity: 25	Confidence: 25
Executable Imported the IsDebuggerPresent Symbol	Severity: 20	Confidence: 20

Cisco Advanced Malware Protection installed on an end-user desktop automatically submitted a low prevalence file to the Threat Grid analysis engine. What should be concluded from this report?

A. Threat scores are high, malicious ransomware has been detected, and files have been modified
B. Threat scores are low, malicious ransomware has been detected, and files have been modified
C. Threat scores are high, malicious activity is detected, but files have not been modified
D. Threat scores are low and no malicious file activity is detected

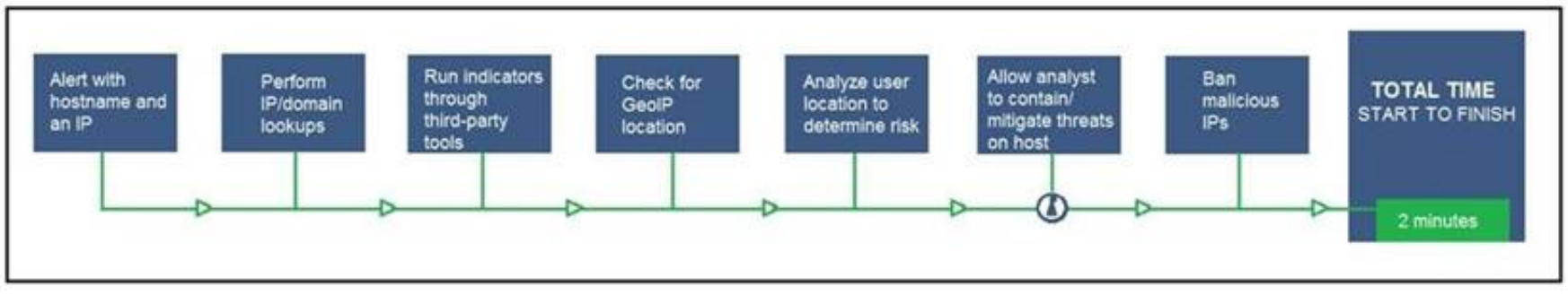
Answer: B

NEW QUESTION 71
A threat actor used a phishing email to deliver a file with an embedded macro. The file was opened, and a remote code execution attack occurred in a company's infrastructure. Which steps should an engineer take at the recovery stage?

A. Determine the systems involved and deploy available patches
B. Analyze event logs and restrict network access
C. Review access lists and require users to increase password complexity
D. Identify the attack vector and update the IDS signature list

Answer: B

NEW QUESTION 72
Refer to the exhibit.



An engineer configured this SOAR solution workflow to identify account theft threats and privilege escalation, evaluate risk, and respond by resolving the threat. This solution is handling more threats than Security analysts have time to analyze. Without this analysis, the team cannot be proactive and anticipate attacks. Which action will accomplish this goal?

A. Exclude the step "BAN malicious IP" to allow analysts to conduct and track the remediation
B. Include a step "Take a Snapshot" to capture the endpoint state to contain the threat for analysis
C. Exclude the step "Check for GeoIP location" to allow analysts to analyze the location and the associated risk based on asset criticality
D. Include a step "Reporting" to alert the security department of threats identified by the SOAR reporting engine

Answer: A

NEW QUESTION 77
An organization is using a PKI management server and a SOAR platform to manage the certificate lifecycle. The SOAR platform queries a certificate management tool to check all endpoints for SSL certificates that have either expired or are nearing expiration. Engineers are struggling to manage problematic certificates outside of PKI management since deploying certificates and tracking them requires searching server owners manually. Which action will improve workflow

automation?

A. Implement a new workflow within SOAR to create tickets in the incident response system, assign problematic certificate update requests to server owners, and register change requests.
B. Integrate a PKI solution within SOAR to create certificates within the SOAR engines to track, update, and monitor problematic certificates.
C. Implement a new workflow for SOAR to fetch a report of assets that are outside of the PKI zone, sort assets by certification management leads and automate alerts that updates are needed.
D. Integrate a SOAR solution with Active Directory to pull server owner details from the AD and send an automated email for problematic certificates requesting updates.

Answer: C

NEW QUESTION 81
An API developer is improving an application code to prevent DDoS attacks. The solution needs to accommodate instances of a large number of API requests coming for legitimate purposes from trustworthy services. Which solution should be implemented?

A. Restrict the number of requests based on a calculation of daily average
B. If the limit is exceeded, temporarily block access from the IP address and return a 402 HTTP error code.
C. Implement REST API Security Essentials solution to automatically mitigate limit exhaustio
D. If the limit is exceeded, temporarily block access from the service and return a 409 HTTP error code.
E. Increase a limit of replies in a given interval for each AP
F. If the limit is exceeded, block access from the API key permanently and return a 450 HTTP error code.
G. Apply a limit to the number of requests in a given time interval for each AP
H. If the rate is exceeded, block access from the API key temporarily and return a 429 HTTP error code.

Answer: D

NEW QUESTION 83
An employee abused PowerShell commands and script interpreters, which lead to an indicator of compromise (IOC) trigger. The IOC event shows that a known malicious file has been executed, and there is an increased likelihood of a breach. Which indicator generated this IOC event?

A. ExecutedMalware.ioc
B. Crossrider.ioc
C. ConnectToSuspiciousDomain.ioc
D. W32 AccesschkUtility.ioc

Answer: D

NEW QUESTION 84
Refer to the exhibit.

Max (K)	Retain	OverflowAction	Entries	Log
15,168	0	OverwriteAsNeeded	20,792	Application
15,168	0	OverwriteAsNeeded	12,559	System
15,360	0	OverwriteAsNeeded	11,173	Windows PowerShell

An employee is a victim of a social engineering phone call and installs remote access software to allow an
“MS Support” technician to check his machine for malware. The employee becomes suspicious after the remote technician requests payment in the form of gift cards. The employee has copies of multiple, unencrypted database files, over 400 MB each, on his system and is worried that the scammer copied the files off but has no proof of it. The remote technician was connected sometime between 2:00 pm and 3:00 pm over https. What should be determined regarding data loss between the employee’s laptop and the remote technician’s system?

A. No database files were disclosed
B. The database files were disclosed
C. The database files integrity was violated
D. The database files were intentionally corrupted, and encryption is possible

Answer: C

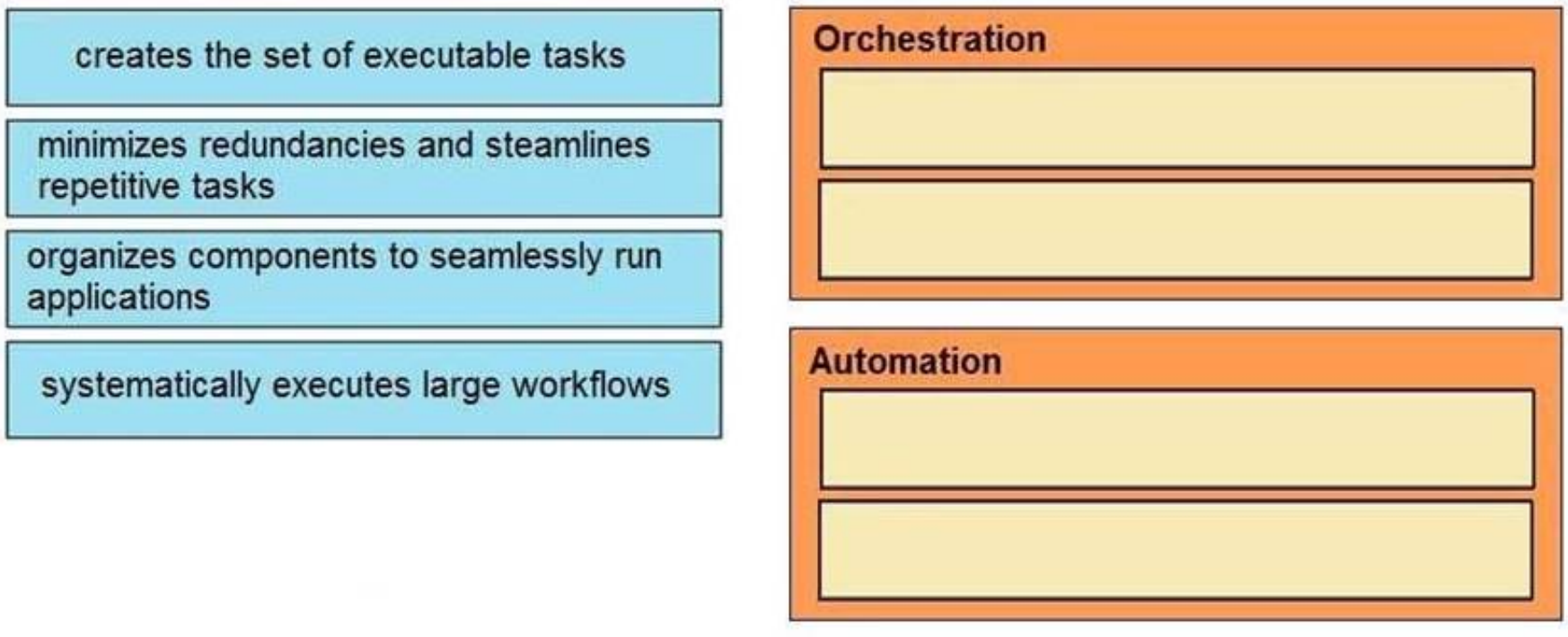
NEW QUESTION 87
A customer is using a central device to manage network devices over SNMPv2. A remote attacker caused a denial of service condition and can trigger this vulnerability by issuing a GET request for the ciscoFlashMIB OID on an affected device. Which should be disabled to resolve the issue?

A. SNMPv2
B. TCP small services
C. port UDP 161 and 162
D. UDP small services

Answer: A

NEW QUESTION 91
Drag and drop the function on the left onto the mechanism on the right.

Answer Area

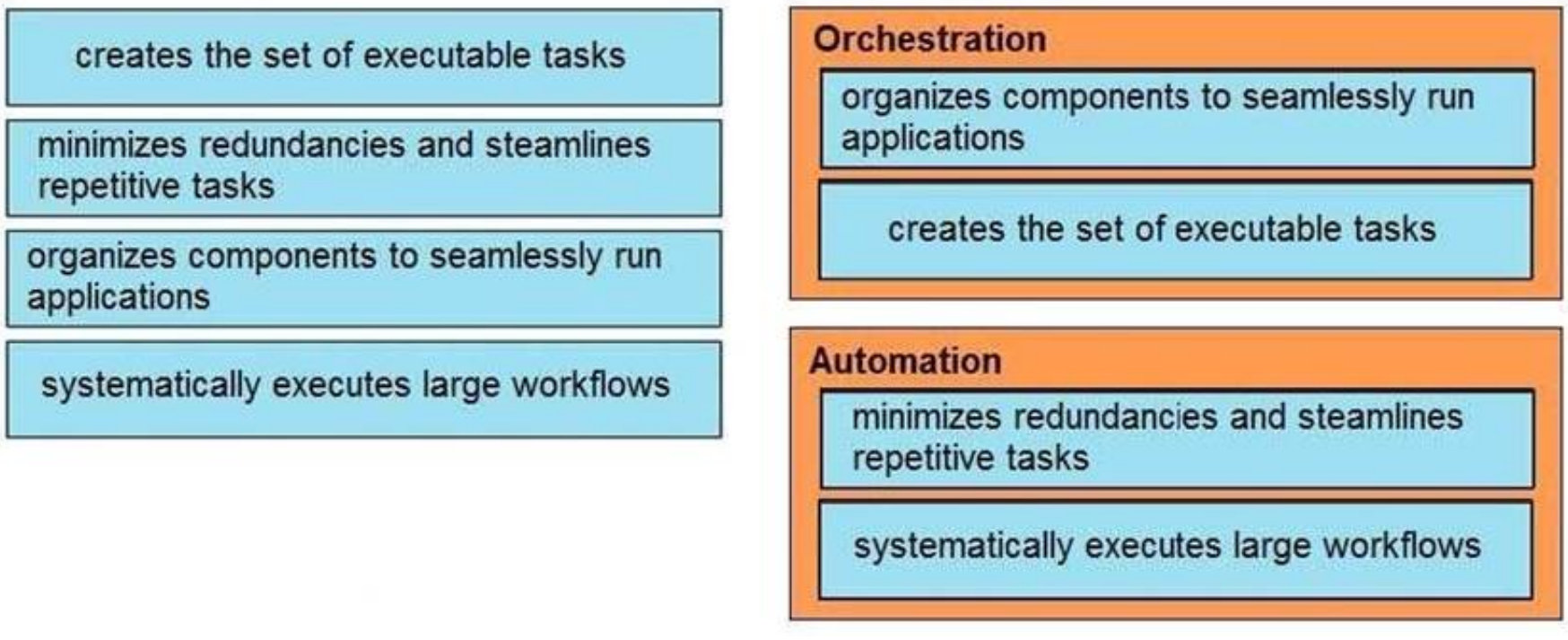


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 95
An engineer is moving data from NAS servers in different departments to a combined storage database so that the data can be accessed and analyzed by the organization on-demand. Which data management process is being used?

A. data clustering
B. data regression
C. data ingestion
D. data obfuscation

Answer: A

NEW QUESTION 100
Refer to the exhibit.

```
try
{
   using (MemoryStream memoryStream = new MemoryStream())
   {
         memoryStream.Position = 32L;
         using (AesCryptoServiceProvider aesCryptoServiceProvider = new AesCryptoServiceProvider())
         {
            aesCryptoServiceProvider.KeySize = 128;
            aesCryptoServiceProvider.BlockSize = 128;
            aesCryptoServiceProvider.Mode = CipherMode.CBC;
            aesCryptoServiceProvider.Padding = PaddingMode.PKCS7;
            aesCryptoServiceProvider.Key = key;
            aesCryptoServiceProvider.GenerateIV();
            using (CryptoStream cryptoSream = new CryptoStream(memoryStream, aesCryptoServiceProvider.CreateEncryptor(), CryptoStreamMode.Write))
            {
                  memoryStream.Write(aesCryptoServiceProvider.IV, 0, aesCryptoServiceProvider.IV.Length);
                  cryptoStream.Write(input, 0, input.Length);
                  cryptoStream.FlushFinalBlock();
                  using (HMACSHA256 hMACSHA = new HMACSHA256(bytes))
                  {
                     byte[] array = hMACSHA.ComputeHash(memoryStream.ToArray(), 32, memoryStream.ToArray().Length - 32);
                     memoryStream.Position = 0L;
                     memoryStream.Write(array, 0, array.Length);
                  }
            }
         }
         result = memoryStream.ToArray();
   }
}
catch
{
}
```

An engineer is performing a static analysis on a malware and knows that it is capturing keys and webcam events on a company server. What is the indicator of compromise?

A. The malware is performing comprehensive fingerprinting of the host, including a processor, motherboard manufacturer, and connected removable storage.
B. The malware is a ransomware querying for installed anti-virus products and operating systems to encrypt and render unreadable until payment is made for file decryption.
C. The malware has moved to harvesting cookies and stored account information from major browsers and configuring a reverse proxy for intercepting network activity.
D. The malware contains an encryption and decryption routine to hide URLs/IP addresses and is storing the output of loggers and webcam captures in locally encrypted files for retrieval.

Answer: B

NEW QUESTION 104
Refer to the exhibit.

```
alert tcp $EXTERNAL_NET any -> $HOME_NET 143 ( msg:"PROTOCOL-
IMAP login brute force attempt";
flow:to_server,established,no_stream;
content:"LOGIN",fast_pattern,nocase; detection_filter:track
by_dst, count 5, seconds 900; metadata:ruleset community;
service:imap; reference:url,attack.mitre.org/techniques/T1110;
classtype:suspicious-login; sid:2273; rev:12; )
```

IDS is producing an increased amount of false positive events about brute force attempts on the organization's mail server. How should the Snort rule be modified to improve performance?

A. Block list of internal IPs from the rule
B. Change the rule content match to case sensitive
C. Set the rule to track the source IP
D. Tune the count and seconds threshold of the rule

Answer: B

NEW QUESTION 107
Drag and drop the type of attacks from the left onto the cyber kill chain stages at which the attacks are seen on the right.

Answer Area

not visible to the victim	reconnaissance
virus scanner turning off	weaponization
malware placed on the targeted system	delivery
open port scans and multiple failed logins from the website	exploitation
large amount of data leaving the network through unusual ports	installation
system phones connecting to countries where no staff are located	command & control
USB with infected files inserted into company laptop	actions on objectives

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

not visible to the victim	system phones connecting to countries where no staff are located
virus scanner turning off	malware placed on the targeted system
malware placed on the targeted system	not visible to the victim
open port scans and multiple failed logins from the website	large amount of data leaving the network through unusual ports
large amount of data leaving the network through unusual ports	USB with infected files inserted into company laptop
system phones connecting to countries where no staff are located	virus scanner turning off
USB with infected files inserted into company laptop	open port scans and multiple failed logins from the website

NEW QUESTION 112
An engineer is analyzing a possible compromise that happened a week ago when the company ? (Choose two.)

A. firewall
B. Wireshark
C. autopsy
D. SHA512
E. IPS

Answer: AB

NEW QUESTION 117
Refer to the exhibit.

An engineer is analyzing this Vlan0386-int12-117.pcap file in Wireshark after detecting a suspicious network activity. The origin header for the direct IP connections in the packets was initiated by a google chrome extension on a WebSocket protocol. The engineer checked message payloads to determine what information was being sent off-site but the payloads are obfuscated and unreadable. What does this STIX indicate?

A. The extension is not performing as intended because of restrictions since ports 80 and 443 should be accessible
B. The traffic is legitimate as the google chrome extension is reaching out to check for updates and fetches this information
C. There is a possible data leak because payloads should be encoded as UTF-8 text
D. There is a malware that is communicating via encrypted channels to the command and control server

Answer: C

NEW QUESTION 119
Refer to the exhibit.

TCP	192.168.1.8:54580	vk-in-f108:imaps	ESTABLISHED
TCP	192.168.1.8:54583	132.245.61.50:https	ESTABLISHED
TCP	192.168.1.8:54916	bay405-m:https	ESTABLISHED
TCP	192.168.1.8:54978	vu-in-f188:5228	ESTABLISHED
TCP	192.168.1.8:55094	72.21.194.109:https	ESTABLISHED
TCP	192.168.1.8:55401	wonderhowto:http	ESTABLISHED
TCP	192.168.1.8:55730	mia07s34-in-f78:https	TIME WAIT
TCP	192.168.1.8:55824	a23-40-191-15:https	CLOSE_WAIT
TCP	192.168.1.8:55825	a23-40-191-15:https	CLOSE_WAIT
TCP	192.168.1.8:55846	mia07s25-in-f14:https	TIME_WAIT
TCP	192.168.1.8:55847	a184-51-150-89:http	CLOSE_WAIT
TCP	192.168.1.8:55853	157.55.56.154:40028	ESTABLISHED
TCP	192.168.1.8:55879	atl14s38-in-f4:https	ESTABLISHED
TCP	192.168.1.8:55884	208-46-117-174:https	ESTABLISHED
TCP	192.168.1.8:55893	vx-in-f95:https	TIME_WAIT
TCP	192.168.1.8:55947	stackoverflow:https	ESTABLISHED
TCP	192.168.1.8:55966	stackoverflow:https	ESTABLISHED
TCP	192.168.1.8:55970	mia07s34-in-f78:https	TIME_WAIT
TCP	192.168.1.8:55972	191.238.241.80:https	TIME_WAIT
TCP	192.168.1.8:55976	54.239.26.242:https	ESTABLISHED
TCP	192.168.1.8:55979	mia07s35-in-f14:https	ESTABLISHED
TCP	192.168.1.8:55986	server11:https	TIME_WAIT
TCP	192.168.1.8:55988	104.16.118.182:http	ESTABLISHED

A security analyst needs to investigate a security incident involving several suspicious connections with a possible attacker. Which tool should the analyst use to identify the source IP of the offender?

A. packet sniffer
B. malware analysis
C. SIEM
D. firewall manager

Answer: A

NEW QUESTION 121
Refer to the exhibit.

What is occurring in this packet capture?

A. TCP port scan
B. TCP flood
C. DNS flood
D. DNS tunneling

Answer: B

NEW QUESTION 122
A threat actor attacked an organization's Active Directory server from a remote location, and in a thirty-minute timeframe, stole the password for the administrator account and attempted to access 3 company servers. The threat actor successfully accessed the first server that contained sales data, but no files were downloaded. A second server was also accessed that contained marketing information and 11 files were downloaded. When the threat actor accessed the third server that contained corporate financial data, the session was disconnected, and the administrator's account was disabled. Which activity triggered the behavior analytics tool?

A. accessing the Active Directory server
B. accessing the server with financial data
C. accessing multiple servers
D. downloading more than 10 files

Answer: C

NEW QUESTION 123
A security expert is investigating a breach that resulted in a $32 million loss from customer accounts. Hackers were able to steal API keys and two-factor codes due to a vulnerability that was introduced in a new code a few weeks before the attack. Which step was missed that would have prevented this breach?

A. use of the Nmap tool to identify the vulnerability when the new code was deployed
B. implementation of a firewall and intrusion detection system
C. implementation of an endpoint protection system
D. use of SecDevOps to detect the vulnerability during development

Answer: D

NEW QUESTION 127
A SOC team is informed that a UK-based user will be traveling between three countries over the next 60 days. Having the names of the 3 destination countries and the user's working hours, what must the analyst do next to detect an abnormal behavior?

A. Create a rule triggered by 3 failed VPN connection attempts in an 8-hour period
B. Create a rule triggered by 1 successful VPN connection from any nondestination country
C. Create a rule triggered by multiple successful VPN connections from the destination countries
D. Analyze the logs from all countries related to this user during the traveling period

Answer: D

NEW QUESTION 132
Refer to the exhibit.

Asset	Threat	Vulnerability	Likelihood (1-10)	Impact (1-10)
Servers	Natural Disasters – Flooding	Server Room is on the zero floor	3	10
Secretary Workstation	Usage of illegitimate software	Inadequate control of software	7	6
Payment Process	Eavesdropping, Misrouting/re-routing of messages	Unencrypted communications	5	10
Website	Website Intrusion	No IDS/IPS usage	6	8

Which asset has the highest risk value?

A. servers
B. website
C. payment process
D. secretary workstation

Answer: C

NEW QUESTION 137
.....

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