

200-201 Dumps

Understanding Cisco Cybersecurity Operations Fundamentals

<https://www.certleader.com/200-201-dumps.html>



NEW QUESTION 1

Refer to the exhibit.

Top 10 Src IP Addr ordered by flows:								
Date first seen	Duration	Src IP Addr	Flows	Packets	Bytes	pps	bps	bpp
2019-11-30 06:45:50.990	1147.332	192.168.12.234	109183	202523	13.1 M	176	96116	68
2019-11-30 06:45:02.928	1192.834	10.10.151.203	62794	219715	25.9 M	184	182294	123
2019-11-30 06:59:24.563	330.110	192.168.28.173	27864	47943	2.2 M	145	55769	48

What information is depicted?

- A. IIS data
- B. NetFlow data
- C. network discovery event
- D. IPS event data

Answer: B

NEW QUESTION 2

What is the difference between a threat and a risk?

- A. Threat represents a potential danger that could take advantage of a weakness in a system
- B. Risk represents the known and identified loss or danger in the system
- C. Risk represents the nonintentional interaction with uncertainty in the system
- D. Threat represents a state of being exposed to an attack or a compromise either physically or logically

Answer: A

NEW QUESTION 3

Which two elements are assets in the role of attribution in an investigation? (Choose two.)

- A. context
- B. session
- C. laptop
- D. firewall logs
- E. threat actor

Answer: AE

NEW QUESTION 4

What is the difference between deep packet inspection and stateful inspection?

- A. Deep packet inspection is more secure than stateful inspection on Layer 4
- B. Stateful inspection verifies contents at Layer 4 and deep packet inspection verifies connection at Layer 7
- C. Stateful inspection is more secure than deep packet inspection on Layer 7
- D. Deep packet inspection allows visibility on Layer 7 and stateful inspection allows visibility on Layer 4

Answer: D

NEW QUESTION 5

You have identified a malicious file in a sandbox analysis tool. Which piece of file information from the analysis is needed to search for additional downloads of this file by other hosts?

- A. file name
- B. file hash value
- C. file type
- D. file size

Answer: B

NEW QUESTION 6

Which category relates to improper use or disclosure of PII data?

- A. legal
- B. compliance
- C. regulated
- D. contractual

Answer: C

NEW QUESTION 7

Which piece of information is needed for attribution in an investigation?

- A. proxy logs showing the source RFC 1918 IP addresses

- B. RDP allowed from the Internet
- C. known threat actor behavior
- D. 802.1x RADIUS authentication pass and fail logs

Answer: C

NEW QUESTION 8

What is a purpose of a vulnerability management framework?

- A. identifies, removes, and mitigates system vulnerabilities
- B. detects and removes vulnerabilities in source code
- C. conducts vulnerability scans on the network
- D. manages a list of reported vulnerabilities

Answer: A

NEW QUESTION 9

A user received a malicious attachment but did not run it. Which category classifies the intrusion?

- A. weaponization
- B. reconnaissance
- C. installation
- D. delivery

Answer: D

NEW QUESTION 10

Refer to the exhibit.

```
<IMG SRC=j%41vascript:alert('attack')>
```

Which kind of attack method is depicted in this string?

- A. cross-site scripting
- B. man-in-the-middle
- C. SQL injection
- D. denial of service

Answer: A

NEW QUESTION 10

Which incidence response step includes identifying all hosts affected by an attack'?

- A. post-incident activity
- B. detection and analysis
- C. containment eradication and recovery
- D. preparation

Answer: A

NEW QUESTION 15

Refer to the exhibit.

```
GET /item.php?id=34' or sleep(10)
```

This request was sent to a web application server driven by a database. Which type of web server attack is represented?

- A. parameter manipulation
- B. heap memory corruption
- C. command injection
- D. blind SQL injection

Answer: D

NEW QUESTION 18

Refer to the exhibit.

```
- Internet Protocol version 4, Src: 192.168.122.100 (192.168.122.100), Dst:
81.179.179.69 (81.179.179.69)
  Version: 4
  Header Length: 20 bytes
+ Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT
(Not ECN-Capable Transport))
  Total Length: 538
  Identification: 0x6bse (27534)
+ Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 128
  Protocol: TCP (6)
+ Header checksum: 0x000 [Validation disabled]
  Source: 192.168.122.100 (192.168.122.100)
  Destination: 81.179.179.69 (81.179.179.69)
  [Source GeoIP: Unknown]

+ Transmission control protocol. src port: 50272 (50272) Dst Port: 80 (80).
Seq: 419451624. Ack: 970444123. Len: 490
```

What should be interpreted from this packet capture?

- A. IP address 179.179.69/50272/192.168.122.100/80/6 is sending a packet from port 80 of IP address 192.168.122.100 that is going to port 50272 of IP address 81.179.179.69 using IP protocol 6.
- B. IP address 192.168.122.100/50272/81.179.179.69/80/6 is sending a packet from port 50272 of IP address 192.168.122.100 that is going to port 80 of IP address 81.179.179.69 using IP protocol 6.
- C. IP address 192.168.122.100/50272/81.179.179.69/80/6 is sending a packet from port 80 of IP address 192.168.122.100 that is going to port 50272 of IP address 81.179.179.69 using IP protocol 6.7E503B693763E0113BE0CD2E4A16C9C4
- D. IP address 179.179.69/50272/192.168.122.100/80/6 is sending a packet from port 50272 of IP address 192.168.122.100 that is going to port 80 of IP address 81.179.179.69 using IP protocol 6.

Answer: B

NEW QUESTION 20

Which type of data collection requires the largest amount of storage space?

- A. alert data
- B. transaction data
- C. session data
- D. full packet capture

Answer: D

NEW QUESTION 25

An analyst is investigating a host in the network that appears to be communicating to a command and control server on the Internet. After collecting this packet capture the analyst cannot determine the technique and payload used for the communication.


```

File      Actions      Edit      View      Help

 48 41.270348133 185.199.111.153 → 192.168.88.164 TLSv1.2 123 Application Data
 49 41.270348165 185.199.111.153 → 192.168.88.164 TLSv1.2 104 Application Data
 50 41.270356290 192.168.88.164 → 185.199.111.153 TCP 66 44736 → 443 [ACK]
Seq=834 Ack=3104 Win=64128 Len=0 TSval=3947973757 TSecr=2989424849
 51 41.270369874 192.168.88.164 → 185.199.111.153 TCP 66 44736 → 443 [ACK]
Seq=834 Ack=3142 Win=64128 Len=0 TSval=3947973757 TSecr=2989424849
 52 41.270430171 192.168.88.164 → 185.199.111.153 TLSv1.2 104 Application Data
 53 41.271767772 185.199.111.153 → 192.168.88.164 TLSv1.2 2854 Application Data
 54 41.271767817 185.199.111.153 → 192.168.88.164 TLSv1.2 904 Application Data
 55 41.271788996 192.168.88.164 → 185.199.111.153 TCP 66 44736 → 443 [ACK]
Seq=872 Ack=6768 Win=62592 Len=0 TSval=3947973758 TSecr=2989424849
 56 41.271973293 192.168.88.164 → 185.199.111.153 TLSv1.2 97 Encrypted Alert
 57 41.272411701 192.168.88.164 → 185.199.111.153 TCP 66 44736 → 443 [FIN, ACK]
Seq=903 Ack=6768 Win=64128 Len=0 TSval=3947973759 TSecr=2989424849
 58 41.283301751 185.199.111.153 → 192.168.88.164 TCP 66 443 → 44736 [ACK]
Seq=6768 Ack=903 Win=28160 Len=0 TSval=2989424852 TSecr=3947973757
 59 41.283301808 185.199.111.153 → 192.168.88.164 TLSv1.2 97 Encrypted Alert
 60 41.283321947 192.168.88.164 → 185.199.111.153 TCP 54 44736 → 443 [RST]
Seq=903 Win=0 Len=0
 61 41.283939151 185.199.111.153 → 192.168.88.164 TCP 66 443 → 44736 [FIN, ACK]
Seq=6799 Ack=903 Win=28160 Len=0 TSval=2989424852 TSecr=3947973757
 62 41.283945760 192.168.88.164 → 185.199.111.153 TCP 54 44736 → 443 [RST]
Seq=903 Win=0 Len=0
 63 41.284635561 185.199.111.153 → 192.168.88.164 TCP 66 443 → 44736 [ACK]
Seq=6800 Ack=904 Win=28160 Len=0 TSval=2989424853 TSecr=3947973759
 64 41.284642324 192.168.88.164 → 185.199.111.153 TCP 54 44736 → 443 [RST]
Seq=904 Win=0 Len=0

```

Which obfuscation technique is the attacker using?

- A. Base64 encoding
- B. transport layer security encryption
- C. SHA-256 hashing
- D. ROT13 encryption

Answer: B

NEW QUESTION 30

Which regular expression matches "color" and "colour"?

- A. colo?ur
- B. col[08]+our
- C. colou?r
- D. col[09]+our

Answer: C

NEW QUESTION 34

What specific type of analysis is assigning values to the scenario to see expected outcomes?

- A. deterministic
- B. exploratory
- C. probabilistic
- D. descriptive

Answer: A

NEW QUESTION 36

Refer to the exhibit.

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	10.0.0.2	10.128.0.2	TCP	54	3341 → 80 [SYN] Seq=0 Win=512 Len=0
2	0.003987	10.128.0.2	10.0.0.2	TCP	58	88 → 3222 [SYN, ACK] Seq=0 Ack=1 Win=29288 Len=0 NSS=1468
3	0.005514	10.128.0.2	10.0.0.2	TCP	58	88 → 3341 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 NSS=1460
4	0.008429	10.0.0.2	10.128.0.2	TCP	54	3342 → 80 [SYN] Seq=0 Win=512 Len=0
5	0.010233	10.128.0.2	10.0.0.2	TCP	58	88 → 3220 [SYN, ACK] Seq=0 Ack=1 Win=2988 Len=0 NSS=1468
6	0.014072	10.128.0.2	10.0.0.2	TCP	58	80 → 3342 [SYN, ACK] Seq=0 Ack=1 Win=2900 Len=0 NSS=1460
7	0.016930	10.0.0.2	10.128.0.2	TCP	54	3343 → 88 [SYN] Seq=0 Win=512 Len=0
8	0.022220	10.128.0.2	10.0.0.2	TCP	58	89 → 3343 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460
9	0.023496	10.128.0.2	10.0.0.2	TCP	58	89 → 3219 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460
10	0.025243	10.0.0.2	10.128.0.2	TCP	54	3344 → 88 [SYN] Seq=0 Win=512 Len=0
11	0.026672	10.128.0.2	10.0.0.2	TCP	58	89 → 3218 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460
12	0.028038	10.128.0.2	10.0.0.2	TCP	58	80 → 3221 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460
13	0.030523	10.128.0.2	10.0.0.2	TCP	58	88 → 3344 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460

Frame 1: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0
 Ethernet II, Src: 42:01:0a:f0:00:17 (42:01:0a:f0:00:17), Dst: 42:01:0a:f0:00:01 (42:01:0a:f0:00:01)
 Internet Protocol Version 4, Src: 18.0.0.2, Dst: 10.128.0.2
 Transmission Control Protocol, Src Port: 3341, Dst Port: 80, Seq: 0, Len: 0

Source Port: 3341
 Destination Port: 80
 [Stream index: 0]
 [TCP Segment Len: 0]
 Sequence number: 0 (relative sequence number)
 [Next sequence number: 0 (relative sequence number)]

Acknowledgement number: 1023350884
 0101 ... = Header Length: 20 bytes (5)

Flags: 0x002 (SYN)
 Windows Size Value: 512
 [Calculated window size: 512]
 Checksum: 0x8d5a [unverified]
 [Checksum Status: Unverified]
 Urgent pointer: 0
 [Timestamps]

What is occurring in this network traffic?

- A. high rate of SYN packets being sent from a multiple source towards a single destination IP
- B. high rate of SYN packets being sent from a single source IP towards multiple destination IPs
- C. flood of ACK packets coming from a single source IP to multiple destination IPs
- D. flood of SYN packets coming from a single source IP to a single destination IP

Answer: D

NEW QUESTION 39

What are two differences in how tampered and untampered disk images affect a security incident? (Choose two.)

- A. Untampered images are used in the security investigation process
- B. Tampered images are used in the security investigation process
- C. The image is tampered if the stored hash and the computed hash match
- D. Tampered images are used in the incident recovery process
- E. The image is untampered if the stored hash and the computed hash match

Answer: BE

NEW QUESTION 42

Which security principle is violated by running all processes as root or administrator?

- A. principle of least privilege
- B. role-based access control
- C. separation of duties
- D. trusted computing base

Answer: A

NEW QUESTION 46

What is the practice of giving an employee access to only the resources needed to accomplish their job?

- A. principle of least privilege
- B. organizational separation
- C. separation of duties
- D. need to know principle

Answer: A

NEW QUESTION 47

What should a security analyst consider when comparing inline traffic interrogation with traffic tapping to determine which approach to use in the network?

- A. Tapping interrogation replicates signals to a separate port for analyzing traffic
- B. Tapping interrogations detect and block malicious traffic
- C. Inline interrogation enables viewing a copy of traffic to ensure traffic is in compliance with security policies
- D. Inline interrogation detects malicious traffic but does not block the traffic

Answer: A

NEW QUESTION 52

Refer to the exhibit.

The screenshot shows the Stealthwatch interface with the following details:

- Flow Search Results (1,166)**
- Search Criteria:**
 - Subject: 10.201.3.149 (Client)
 - Connection: All (Flow Direction)
 - Peer: Outside Hosts
- Flow Details:**
 - START:** May 6, 2020 6:46:42 AM (9hr 14 min 19s ago)
 - DURATION:** 15min 13s
 - SUBJECT IP AD...:** 10.201.3.149
 - SUBJECT PORT...:** 52599/UDP
 - SUBJECT HOST...:** End User Devices, Desktops, Atlanta, Sales and Marketing
 - SUBJECT BYTES:** 6.42 M
 - APPLICATION:** Undefined UDP
 - TOTAL BYTES:** 132.53 M
 - PEER IP ADDRE...:** 152.46.6.91
- General Tab:**
 - Subject:**
 - Packets: 60.06 K
 - Packet Rate: 65.78 pps
 - Bytes: 6.42 MB
 - Byte Rate: 7.37 Kbps
 - Percent Transfer: 4.64%
 - Host Groups: End User Devices, Desktops, Atlanta, Sales and Marketing
 - Payload: --
 - Totals:**
 - Packets: 165.87 K
 - Packet Rate: 181.67 pps
 - Bytes: 132.53 MB
 - Byte Rate: 152.2 Kbps
 - Subject Byte Ratio: 4.84%
 - RTT: --
 - SRT: --
 - Peer:**
 - Packets: 105.81 K
 - Packet Rate: 115.89 pps
 - Bytes: 126.11 MB
 - Byte Rate: 144.83 Kbps
 - Percent Transfer: 95.16%
 - Host Groups: United States
 - Payload: --

What is the potential threat identified in this Stealthwatch dashboard?

- A. Host 10.201.3.149 is sending data to 152.46.6.91 using TCP/443.
- B. Host 152.46.6.91 is being identified as a watchlist country for data transfer.
- C. Traffic to 152.46.6.149 is being denied by an Advanced Network Control policy.
- D. Host 10.201.3.149 is receiving almost 19 times more data than is being sent to host 152.46.6.91.

Answer: D

NEW QUESTION 57

What is rule-based detection when compared to statistical detection?

- A. proof of a user's identity
- B. proof of a user's action
- C. likelihood of user's action
- D. falsification of a user's identity

Answer: B

NEW QUESTION 59

Which regex matches only on all lowercase letters?

- A. [az]+
- B. [^az]+
- C. az+
- D. a*z+

Answer: A

NEW QUESTION 61

An engineer receives a security alert that traffic with a known TOR exit node has occurred on the network. What is the impact of this traffic?

- A. ransomware communicating after infection
- B. users downloading copyrighted content
- C. data exfiltration
- D. user circumvention of the firewall

Answer: D

NEW QUESTION 64

Which step in the incident response process researches an attacking host through logs in a SIEM?

- A. detection and analysis
- B. preparation
- C. eradication
- D. containment

Answer: A

NEW QUESTION 69

Refer to the exhibit.

File name	CVE-2009-4324 PDF 2009-11-30 note200911.pdf
File size	400918 bytes
File type	PDF document, version 1.6
CRC32	11638A9B
MD5	61baabd6fc12e01ff73ceacc07c84f9a
SHA1	0805d0ae62f5358b9a3f4c1868d552fc3561b17
SHA256	27cced58a0fcbb0bbe3894f74d3014611039fefdf3bd2b0ba7ad85b18194c
SHA512	5a43bc7eef279b209e2590432cc3e2eb480d0f78004e265f00b98b4afdc9a
Ssdeep	1536:p0AAH2KthGBjcdBJ8VETeePxsT65ZZ3pdx/ves/QR/875+ prahGV6B
PEID	None matched
Yara	<ul style="list-style-type: none"> • embedded_pe (Contains an embedded PE32 file) • embedded_win_api (A non-Windows executable contains win32 API) • vmdetect (Possibly employs anti-virtualization techniques)
VirusTotal	Permalink VirusTotal Scan Date: 2013-12-27 06:51:52 Detection Rate: 32/46 (collapse)

An engineer is analyzing this Cuckoo Sandbox report for a PDF file that has been downloaded from an email. What is the state of this file?

- A. The file has an embedded executable and was matched by PEiD threat signatures for further analysis.
- B. The file has an embedded non-Windows executable but no suspicious features are identified.
- C. The file has an embedded Windows 32 executable and the Yara field lists suspicious features for further analysis.
- D. The file was matched by PEiD threat signatures but no suspicious features are identified since the signature list is up to date.

Answer: C

NEW QUESTION 73

One of the objectives of information security is to protect the CIA of information and systems. What does CIA mean in this context?

- A. confidentiality, identity, and authorization
- B. confidentiality, integrity, and authorization
- C. confidentiality, identity, and availability
- D. confidentiality, integrity, and availability

Answer: D

NEW QUESTION 78

An intruder attempted malicious activity and exchanged emails with a user and received corporate information, including email distribution lists. The intruder asked the user to engage with a link in an email. When the link launched, it infected machines and the intruder was able to access the corporate network. Which testing method did the intruder use?

- A. social engineering
- B. eavesdropping
- C. piggybacking
- D. tailgating

Answer: A

NEW QUESTION 80

Which artifact is used to uniquely identify a detected file?

- A. file timestamp
- B. file extension
- C. file size
- D. file hash

Answer: D

NEW QUESTION 83

A security specialist notices 100 HTTP GET and POST requests for multiple pages on the web servers. The agent in the requests contains PHP code that, if executed, creates and writes to a new PHP file on the webserver. Which event category is described?

- A. reconnaissance
- B. action on objectives
- C. installation
- D. exploitation

Answer: C

NEW QUESTION 85

Which event artifact is used to identify HTTP GET requests for a specific file?

- A. destination IP address
- B. TCP ACK
- C. HTTP status code
- D. URI

Answer: D

NEW QUESTION 89

How does an SSL certificate impact security between the client and the server?

- A. by enabling an authenticated channel between the client and the server
- B. by creating an integrated channel between the client and the server
- C. by enabling an authorized channel between the client and the server
- D. by creating an encrypted channel between the client and the server

Answer: D

NEW QUESTION 93

What is the virtual address space for a Windows process?

- A. physical location of an object in memory
- B. set of pages that reside in the physical memory
- C. system-level memory protection feature built into the operating system
- D. set of virtual memory addresses that can be used

Answer: D

NEW QUESTION 97

What makes HTTPS traffic difficult to monitor?

- A. SSL interception
- B. packet header size
- C. signature detection time
- D. encryption

Answer: D

NEW QUESTION 99

Which NIST IR category stakeholder is responsible for coordinating incident response among various business units, minimizing damage, and reporting to regulatory agencies?

- A. CSIRT
- B. PSIRT
- C. public affairs
- D. management

Answer: D

NEW QUESTION 102

A security expert is working on a copy of the evidence, an ISO file that is saved in CDFS format. Which type of evidence is this file?

- A. CD data copy prepared in Windows
- B. CD data copy prepared in Mac-based system
- C. CD data copy prepared in Linux system
- D. CD data copy prepared in Android-based system

Answer: A

NEW QUESTION 103

A malicious file has been identified in a sandbox analysis tool.

Which piece of information is needed to search for additional downloads of this file by other hosts?

- A. file type
- B. file size
- C. file name
- D. file hash value

Answer: D

NEW QUESTION 108

What is an attack surface as compared to a vulnerability?

- A. any potential danger to an asset
- B. the sum of all paths for data into and out of the application
- C. an exploitable weakness in a system or its design
- D. the individuals who perform an attack

Answer: B

NEW QUESTION 113

Which two pieces of information are collected from the IPv4 protocol header? (Choose two.)

- A. UDP port to which the traffic is destined
- B. TCP port from which the traffic was sourced
- C. source IP address of the packet
- D. destination IP address of the packet
- E. UDP port from which the traffic is sourced

Answer: CD

NEW QUESTION 114

Which open-sourced packet capture tool uses Linux and Mac OS X operating systems?

- A. NetScout
- B. tcpdump
- C. SolarWinds
- D. netsh

Answer: B

NEW QUESTION 119

Refer to the exhibit.

```
# nmap -sV 172.18.104.139

Starting Nmap 7.01 ( https://nmap.org ) at 2020-03-07 11:36 EST
Nmap scan report for 172.18.104.139
Host is up (0.000018s latency).
Not shown: 996 closed ports
PORT      STATE SERVICE VERSION
22/tcp    open  ssh      OpenSSH 7.2p2 Ubuntu 4ubuntu2.4 (Ubuntu Linux; protocol 2.0)
25/tcp    open  smtp     Postfix smtpd
110/tcp   open  pop3     Dovecot pop3d
143/tcp   open  imap     Dovecot imapd
Service Info: Host: 172.18.108.139; OS: Linux; CPE: cpe:/o:linux:linux_kernel
```

What does the output indicate about the server with the IP address 172.18.104.139?

- A. open ports of a web server
- B. open port of an FTP server
- C. open ports of an email server
- D. running processes of the server

Answer: C

NEW QUESTION 122

Which HTTP header field is used in forensics to identify the type of browser used?

- A. referrer
- B. host
- C. user-agent
- D. accept-language

Answer: C

NEW QUESTION 125

What is the difference between the ACK flag and the RST flag in the NetFlow log session?

- A. The RST flag confirms the beginning of the TCP connection, and the ACK flag responds when the data for the payload is complete
- B. The ACK flag confirms the beginning of the TCP connection, and the RST flag responds when the data for the payload is complete
- C. The RST flag confirms the receipt of the prior segment, and the ACK flag allows for the spontaneous termination of a connection
- D. The ACK flag confirms the receipt of the prior segment, and the RST flag allows for the spontaneous termination of a connection

Answer: D

NEW QUESTION 127

Which two elements are used for profiling a network? (Choose two.)

- A. total throughput
- B. session duration
- C. running processes
- D. OS fingerprint
- E. listening ports

Answer: DE

NEW QUESTION 129

Which utility blocks a host portscan?

- A. HIDS
- B. sandboxing
- C. host-based firewall
- D. antimalware

Answer: C

NEW QUESTION 134

Which list identifies the information that the client sends to the server in the negotiation phase of the TLS handshake?

- A. ClientStart, ClientKeyExchange, cipher-suites it supports, and suggested compression methods
- B. ClientStart, TLS versions it supports, cipher-suites it supports, and suggested compression methods
- C. ClientHello, TLS versions it supports, cipher-suites it supports, and suggested compression methods
- D. ClientHello, ClientKeyExchange, cipher-suites it supports, and suggested compression methods

Answer: C

NEW QUESTION 137

A SOC analyst is investigating an incident that involves a Linux system that is identifying specific sessions. Which identifier tracks an active program?

- A. application identification number
- B. active process identification number
- C. runtime identification number
- D. process identification number

Answer: D

NEW QUESTION 140

Which event is user interaction?

- A. gaining root access
- B. executing remote code
- C. reading and writing file permission
- D. opening a malicious file

Answer: D

NEW QUESTION 145

Refer to the exhibit.

No.	Time	Source	Destination	Protocol	Length	Info
17	0.011641	10.0.2.15	192.124.249.9	TCP	76	50586-443 [SYN] Seq=0 Win=
18	0.011918	10.0.2.15	192.124.249.9	TCP	76	50588-443 [SYN] Seq=0 Win=
19	0.022656	192.124.249.9	10.0.2.15	TCP	62	443-50588 [SYN, ACK] Seq=0
20	0.022702	10.0.2.15	192.124.249.9	TCP	56	50588-443 [ACK] Seq=1 Ack=
21	0.022988	192.124.249.9	10.0.2.15	TCP	62	443-50586 [SYN, ACK] Seq=0
22	0.022996	10.0.2.15	192.124.249.9	TCP	56	50586-443 [ACK] Seq=1 Ack=
23	0.023212	10.0.2.15	192.124.249.9	TLSv1.2	261	Client Hello
24	0.023373	10.0.2.15	192.124.249.9	TLSv1.2	261	Client Hello
25	0.023445	192.124.249.9	10.0.2.15	TCP	62	443-50588 [ACK] Seq=1 Ack=
26	0.023617	192.124.249.9	10.0.2.15	TCP	62	443-50586 [ACK] Seq=1 Ack=
27	0.037413	192.124.249.9	10.0.2.15	TLSv1.2	2792	Server Hello
28	0.037426	10.0.2.15	192.124.249.9	TCP	56	50586-443 [ACK] Seq=206 Ac

> Frame 23: 261 bytes on wire (2088 bits), 261 bytes captured (2088 bits)
> Linux cooked capture
> Internet Protocol Version 4, Src: 10.0.2.15 (10.0.2.15), Dst: 192.124.249.9 (192.124.249.9)
> Transmission Control Protocol, Src Port: 50588 (50588), Dst Port: 443 (443), Seq: 1, Ack:1,
> Secure Sockets Layer

0000	00 04 00 01 00 06 08 00	27 7a 3c 93 00 00 08 00 *z<.....
0010	45 00 00 f5 eb 3e 40 00	40 06 89 2f 0a 00 02 0f	E....>@. @../....
0020	c0 7c f9 09 c5 9c 01 bb	4d db 7f f7 00 b3 b0 02 M.....
0030	50 18 72 10 c6 7c 00 00	16 03 01 00 c8 01 00 00	P.r..
0040	c4 03 03 d1 08 45 78 b7	2c 90 04 ee 51 16 f1 82Ex.0...
0050	16 43 ec d4 89 60 34 4a	7b 80 a6 d1 72 d5 11 87	.C....4J {...r...
0060	10 57 cc 00 00 1e c0 2b	c0 2f cc a9 cc a8 c0 2c	.W.....+ ./.....
0070	c0 30 c0 0a c0 09 c0 13	c0 14 00 33 00 39 00 2f	.0..... ...3.9./
0080	00 35 00 0a 01 00 00 7d	00 00 00 16 00 14 00 00	.5.....}
0090	11 77 77 77 2e 6c 69 6e	75 78 6d 69 6e 74 2e 63	.wwwlin uxmint.c
00a0	6f 6d 00 17 00 00 ff 01	00 01 00 00 0a 00 08 00	om.....
00b0	06 00 17 00 18 00 19 00	0b 00 02 01 00 00 23 00
00c0	00 33 74 00 00 00 10 00	17 00 15 02 68 32 08 73	.3t.....h2.s
00d0	70 64 79 2f 33 2e 31 08	68 74 74 70 2f 31 2e 31	pdy/3.2. http/1.1
00e0	00 05 00 05 01 00 00 00	00 00 0d 00 18 00 16 04
00f0	01 05 01 06 01 02 01 04	03 05 03 06 03 02 03 05
0100	02 04 02 02 02	

Drag and drop the element name from the left onto the correct piece of the PCAP file on the right.

source address	10.0.2.15
destination address	50588
source port	443
destination port	192.124.249.9
Network Protocol	Transmission Control Protocol
Transport Protocol	Internet Protocol v4
Application Protocol	Transport Layer Security v1.2

A. Mastered
B. Not Mastered

Answer: A

Explanation:

source address	source address
destination address	source port
source port	destination port
destination port	destination address
Network Protocol	Transport Protocol
Transport Protocol	Network Protocol
Application Protocol	Application Protocol

NEW QUESTION 149

Which access control model does SELinux use?

- A. RBAC
- B. DAC
- C. MAC
- D. ABAC

Answer: C

NEW QUESTION 151

What does cyber attribution identity in an investigation?

- A. cause of an attack
- B. exploit of an attack
- C. vulnerabilities exploited
- D. threat actors of an attack

Answer: D

NEW QUESTION 154

How is attacking a vulnerability categorized?

- A. action on objectives
- B. delivery
- C. exploitation
- D. installation

Answer: C

NEW QUESTION 157

What are two social engineering techniques? (Choose two.)

- A. privilege escalation
- B. DDoS attack
- C. phishing
- D. man-in-the-middle
- E. pharming

Answer: CE

NEW QUESTION 158

What is personally identifiable information that must be safeguarded from unauthorized access?

- A. date of birth
- B. driver's license number
- C. gender
- D. zip code

Answer: B

NEW QUESTION 160

How does an attacker observe network traffic exchanged between two users?

- A. port scanning
- B. man-in-the-middle
- C. command injection
- D. denial of service

Answer: B

NEW QUESTION 161

How is NetFlow different than traffic mirroring?

- A. NetFlow collects metadata and traffic mirroring clones data
- B. Traffic mirroring impacts switch performance and NetFlow does not
- C. Traffic mirroring costs less to operate than NetFlow
- D. NetFlow generates more data than traffic mirroring

Answer: A

NEW QUESTION 164

Drag and drop the security concept on the left onto the example of that concept on the right.

Risk Assessment	network is compromised
Vulnerability	lack of an access list
Exploit	configuration review
Threat	leakage of confidential information

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Risk Assessment	Threat
Vulnerability	Vulnerability
Exploit	Risk Assessment
Threat	Exploit

NEW QUESTION 167

Which type of data consists of connection level, application-specific records generated from network traffic?

- A. transaction data
- B. location data
- C. statistical data
- D. alert data

Answer: A

NEW QUESTION 172

In a SOC environment, what is a vulnerability management metric?

- A. code signing enforcement
- B. full assets scan
- C. internet exposed devices

D. single factor authentication

Answer: D

NEW QUESTION 174

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