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Number: 200-201 Passing Score: 800 Time Limit: 120 min File Version: 1.0



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200-201

Understanding Cisco Cybersecurity Operations Fundamentals (CBROPS)

Version 1.0



Exam A

QUESTION 1

While viewing packet capture data, an analyst sees that one IP is sending and receiving traffic for multiple devices by modifying the IP header.

Which technology makes this behavior possible?

- A. encapsulation
- B. TOR
- C. tunneling
- D. NAT

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 2

When communicating via TLS, the client initiates the handshake to the server and the server responds back with its certificate for identification.

Which information is available on the server certificate?

- A. server name, trusted subordinate CA, and private key
- B. trusted subordinate CA, public key, and cipher suites
- C. trusted CA name, cipher suites, and private key
- D. server name, trusted CA, and public key

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 3

A security engineer has a video of a suspect entering a data center that was captured on the same day that files in the same data center were transferred to a competitor.

Which type of evidence is this?

- A. best evidence
- B. prima facie evidence
- C. indirect evidence
- D. physical evidence

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 4 Which two elements of the incident response process are stated in NIST Special Publication 800-61 r2? (Choose two.)

A. detection and analysis

B. post-incident activity





- C. vulnerability management
- D. risk assessment
- E. vulnerability scoring

Correct Answer: AB Section: (none) Explanation

Explanation/Reference:

Reference: https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-61r2.pdf

QUESTION 5 Which utility blocks a host portscan?

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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 6 Which event is user interaction?

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 7

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 fink 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

Correct Answer: A Section: (none) Explanation

Explanation/Reference: QUESTION 8





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				

Refer to the exhibit. What information is depicted?

A. IIS data

B. NetFlow data

- C. network discovery event
- D. IPS event data

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 9 Which type of evidence supports a theory or an assumption that results from initial evidence?

- A. probabilistic
- B. indirect
- C. best
- D. corroborative

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 10 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

Correct Answer: AE Section: (none) Explanation

Explanation/Reference:

QUESTION 11

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

- A. colo?ur
- B. col[0-8]+our





C. colou?r D. col[0-9]+our

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 12 A user received a malicious attachment but did not run it.

Which category classifies the intrusion?

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 13 Which process is used when IPS events are removed to improve data integrity?

- A. data availability
- B. data normalization
- C. data signature
- D. data protection

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 14 An investigator is examining a copy of an ISO file that is stored in CDFS format.

What type of evidence is this file?

- A. data from a CD copied using Mac-based system
- B. data from a CD copied using Linux system
- C. data from a DVD copied using Windows system
- D. data from a CD copied using Windows

Correct Answer: B Section: (none) Explanation Explanation/Reference:





QUESTION 15 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 arid fail logs

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 16

Mar 6 10:35:34 user sshd[12900]: pam_unix(sshd:auth):authentication failure; logname= uid=0 euid=0 tty=ssh ruser= rhost=127.0.0.1 Mar 6 10:35:36 user sshd[12900]: Failed password for invalid user not_bill from 127.0.0.1 port 38346 ssh2

Refer to the exhibit. In which Linux log file is this output found?

- A. /var/log/authorization.log
- B. /var/log/dmesg
- C. var/log/var.log
- D. /var/log/auth.log

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 17 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference: QUESTION 18 An analyst is investigating an incident in a SOC environment.

Which method is used to identify a session from a group of logs?

A. sequence numbers





- B. IP identifier
- C. 5-tuple
- D. timestamps

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 19

Date	Flow Start	Duration	Proto	Src IP Addr:Port		Dst IP Addr:Port	Packets	Bytes	Flows
2020-01-05	21:15:28.389	0.000	UDP	127.0.0.1:25678	\rightarrow	192.168.0.1:20521	1	82	1

Refer to the exhibit. Which type of log is displayed?

A. proxy

- B. NetFlow
- C. IDS
- D. sys

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 20

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 policiesD. Inline interrogation detects malicious traffic but does not block the traffic

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 21 Which two components reduce the attack surface on an endpoint? (Choose two.)

- A. secure boot
- B. load balancing
- C. increased audit log levels
- D. restricting USB ports
- E. full packet captures at the endpoint

Correct Answer: AD Section: (none) Explanation





Explanation/Reference:

QUESTION 22 An analyst discovers that a legitimate security alert has been dismissed.

Which signature caused this impact on network traffic?

- A. true negative
- B. false negative
- C. false positive
- D. true positive

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

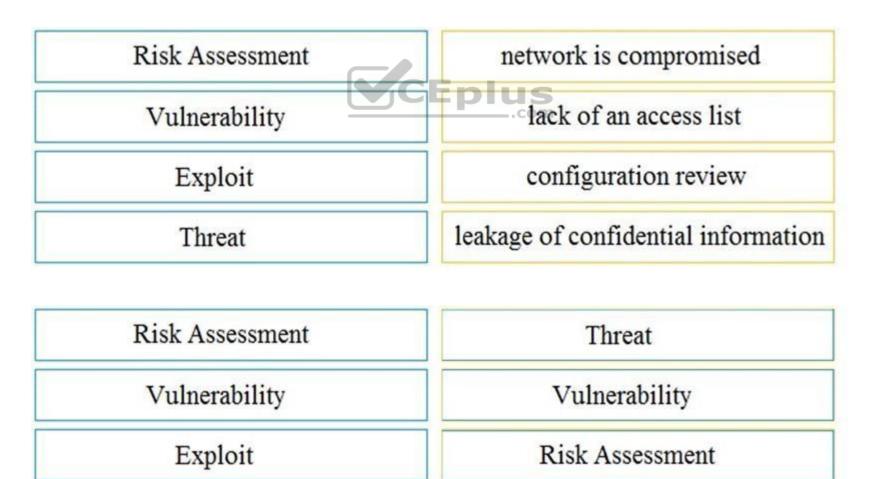
QUESTION 23

DRAG DROP

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

Select and Place:

Correct Answer:



Threat

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Exploit



Section: (none) Explanation

Explanation/Reference:

QUESTION 24 Which event artifact is used to identity HTTP GET requests for a specific file?

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 25 Which security principle requires more than one person is required to perform a critical task?

- A. least privilege
- B. need to know
- C. separation of duties
- D. due diligence

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 26 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

Correct Answer: BE Section: (none) Explanation

Explanation/Reference:

QUESTION 27 What makes HTTPS traffic difficult to monitor?

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





D. encryption

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 28 DRAG DROP



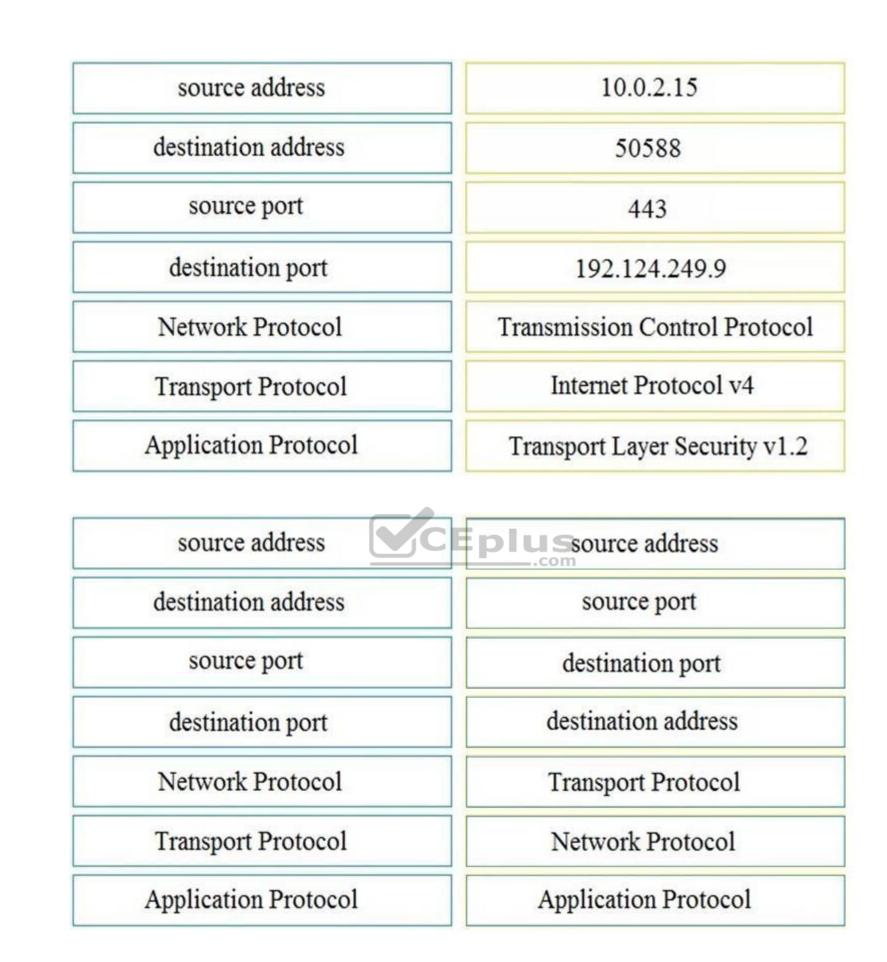


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		18	0.0	0119	18	10.0	0.2.	15		192.	124	.249	9.9	TCP		76	50588-443	[SYN]	Seq=0	Win=
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Refer to the exhibit. Drag and drop the element name from the left onto the correct piece of the PCAP file on the right.

Select and Place:





Section: (none) Explanation

Correct Answer:

Explanation/Reference:



QUESTION 29

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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]
Seg=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]
Seg=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]
Seg=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 \rightarrow 192.168.88.164 TCP 66 443 \rightarrow 44736 [ACK]
                                                                                    IS
Seq=6800 Ack=904 Win=28160 Len=0 TSval=2989424853 TSecr=3947973759
                                                                                    com
   64 41.284642324 192.168.88.164 → 185.199.111.153 TCP 54 44736 → 443 [RST]
Seg=904 Win=0 Len=0
```

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.

Which obfuscation technique is the attacker using?

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

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 30 Which artifact is used to uniquely identify a detected file?

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



D. file hash

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 31 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

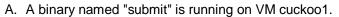
Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 32

\$ cuckoo submit --machine cuckool /path/to/binary

Refer to the exhibit. Which event is occurring?



- B. A binary is being submitted to run on VM cuckoo1
- C. A binary on VM cuckoo1 is being submitted for evaluation
- D. A URL is being evaluated to see if it has a malicious binary

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 33 What is a benefit of agent-based protection when compared to agentless protection?

- A. It lowers maintenance costs
- B. It provides a centralized platform
- C. It collects and detects all traffic locally
- D. It manages numerous devices simultaneously

Correct Answer: B Section: (none) Explanation

Explanation/Reference: QUESTION 34 Which principle is being followed when an analyst gathers information relevant to a security incident to determine the appropriate course of action?





- A. decision making
- B. rapid response
- C. data mining
- D. due diligence

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 35

An engineer runs a suspicious file in a sandbox analysis tool to see the outcome. The analysis report shows that outbound callouts were made post infection.

Which two pieces of information from the analysis report are needed to investigate the callouts? (Choose two.)

- A. signatures
- B. host IP addresses
- C. file size
- D. dropped files
- E. domain names

Correct Answer: BE Section: (none) Explanation

Explanation/Reference:

CEplus

QUESTION 36 An analyst is exploring the functionality of different operating systems.

What is a feature of Windows Management Instrumentation that must be considered when deciding on an operating system?

- A. queries Linux devices that have Microsoft Services for Linux installed
- B. deploys Windows Operating Systems in an automated fashion
- C. is an efficient tool for working with Active Directory
- D. has a Common Information Model, which describes installed hardware and software

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 37 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

Correct Answer: D



Section: (none) Explanation

Explanation/Reference:

QUESTION 38 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

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 39 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

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 40 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 41

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





Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 42 At which layer is deep packet inspection investigated on a firewall?

- A. internet
- B. transport
- C. application
- D. data link

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 43 Which open-sourced packet capture tool uses Linux and Mac OS X operating systems?

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

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 44 DRAG DROP

Drag and drop the access control models from the left onto the correct descriptions on the right.

Select and Place:

MAC	object owner determines permissions
ABAC	OS determines permissions
RBAC	role of the subject determines permissions
DAC	attributes of the subject determines permissions

Correct Answer:







MAC	DAC
ABAC	MAC
RBAC	RBAC
DAC	ABAC

Section: (none) Explanation

Explanation/Reference:

QUESTION 45 An organization has recently adjusted its security stance in response to online threats made by a known hacktivist group.

What is the initial event called in the NIST SP800-61?

- A. online assault
- B. precursor
- C. trigger
- D. instigator

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 46 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

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 47 What is a difference between SOAR and SIEM?

A. SOAR platforms are used for threat and vulnerability management, but SIEM applications are not B.SIEM applications are used for threat and vulnerability management, but SOAR platforms are notC. SOAR receives information from a single platform and delivers it to a SIEM D.SIEM receives information from a single platform and delivers it to a SOAR







Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 48





			Tin			Sour				Dest							th Info
					and the second se	10.1			and the set				2.9	ICF			-Das [NIS] CAR+00000 01
					and the second second second second			.249.						TCP			52 443-50588 [SYN, ACK]
						10.0							9.9	TCP			56 50588→443 [ACK] Seq=
					contractor of			.249.	Contraction inter			_		TCP			62 443-50586 [SYN, ACK]
						10.0								TCP			56 50586→443 [ACK] Seq=
		23	P		0.000.00			15						TCP			51 50588→443 [PSH, ACK]
		24		Concernence of the second	and the second second			15					9.9	TCP			61 50586-443 [PSH, ACK]
								.249.						TCP			52 443→50588 [ACK] Seq=
								.249.						TCP			52 443→50586 [ACK] Seq=
								.249.						TCP			92 443→50586 [PSH, ACK]
<		2.8	0.0)374	26	10.0	0.2.	15		192.	124	. 2.4	9.9	TCP	5		56 50586→443 [ACK] Sed=
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	00	04	00	01	00	06	08	00	27					00	08	00 .	*z<
	00 45	04 00	00		00 48		08 40		27 40			93 £3		00			*z< 2H{@. @.+
010	45	00	00	f5	48		40	00		06	2b	f3	0a	00		Of E	
0010 0020	45	00 7c	00 £9	f5 09	48 c5	7b	40 01	00 bb	40	06 1f	2b dc	f3 b4	0a 00	00	02 aa	Of E 02 .	2H{@. @.+
0010 0020 0030	45 c0 50	00 7c	00 £9 72	f5 09 10	48 c5 c6	7b 9a	40 01 00	00 bb 00	40 0e 16	06 1f 03	2b dc 01	f3 b4 00	0a 00 c8	00 b4 01	02 aa	0f E 02 . 00 F	CH{@. @.+
)010)020)030)040	45 c0 50 c4	00 7c 18 03	00 £9 72 03	f5 09 10 0e	48 c5 c6 06	7b 9a 7c	40 01 00 d0	00 bb 00 78	40 0e 16 d1	06 1f 03 76	2b dc 01 76	f3 b4 00 c1	0a 00 c8 3a	00 b4 01 b4	02 aa 00 6e	0f E 02 . 00 F bf .	CH{@. @.+ P.r
)010)020)030)040)050	45 c0 50 c4 e6	00 7c 18 03 b8	00 f9 72 03 b8	f5 09 10 0e b2	48 c5 c6 06 ba	7b 9a 7c ea	40 01 00 d0 d6	00 bb 00 78 6d	40 0e 16 d1 0d	06 1f 03 76 38	2b dc 01 76 fb	f3 b4 00 c1 91	0a 00 c8 3a 45	00 b4 01 b4 de	02 aa 00 6e	0f E 02 . 00 F bf . ee .	SH{@. @.+ o.r x .vv.:.n
010 020 030 040 050 060	45 c0 50 c4 e6 8b	00 7c 18 03 b8 6e	00 f9 72 03 b8 f8	f5 09 10 0e b2 00	48 c5 c6 06 ba 00	7b 9a 7c ea 08	40 01 00 d0 d6 c0	00 bb 00 78 6d 2b	40 0e 16 d1 0d	06 1f 03 76 38 2f	2b dc 01 76 fb	f3 b4 00 c1 91 a9	0a 00 c8 3a 45 cc	00 b4 01 b4 de	02 aa 00 6e fc c0	0f E 02 . 00 P bf . 2c .	CH{@. @.+ P.r x .vv.:.n x .vv.:.n
010 020 030 040 050 060 070	45 c0 50 c4 e6 8b	00 7c 18 03 b8 6e 30	00 f9 72 03 b8 f8	f5 09 10 0e b2 00	48 c5 c6 06 ba 00	7b 9a 7c ea 08 1e	40 01 00 d0 d6 c0	00 bb 00 78 6d 2b 13	40 0e 16 d1 0d c0	06 1f 03 76 38 2f	2b dc 01 76 fb cc	f3 b4 00 c1 91 a9	0a 00 28 3a 45 cc 00	00 b4 01 b4 de a8 39	02 aa 00 6e fc c0	0f E 02 . 00 P bf . 2c . 2f .	$H{@. @.+}$ r
010 020 030 040 050 060 070 080	45 c0 50 c4 e6 8b c0	00 7c 18 03 b8 6e 30 35	00 f9 72 03 b8 f8 c0	f5 09 10 0e b2 00 0a	48 c5 c6 ba 00 c0 01	7b 9a 7c 08 1e 09 00	40 01 00 d0 d6 c0 c0	00 bb 00 78 6d 2b 13 7d	40 0e 16 d1 0d c0 c0	06 1f 03 76 38 2f 14 00	2b dc 01 76 fb cc 00 00	f3 b4 00 c1 91 a9 33	0a 00 3a 45 cc 00 00	00 b4 01 b4 de a8 39 14	02 aa 00 6e fc c0 00	0f E 02 . 00 F bf . 2c . 2f . 00 .	$H{@. @.+ P.r x.vv.:.n\dots$
010 020 030 040 050 060 070 080 090	45 c0 50 c4 e6 8b c0 00 11	00 7c 18 03 b8 6e 30 35	00 f9 72 03 b8 f8 c0 00 77	f5 09 10 0e b2 00 0a 0a	48 c5 c6 ba 00 c0 01	7b 9a 7c 08 1e 09 00 6c	40 01 00 d0 d0 c0 c0 c0 00 69	00 bb 00 78 6d 2b 13 7d 6e	40 0e 16 d1 0d c0 c0	06 1f 03 76 38 2f 14 00	2b dc 01 76 fb cc 00 00	f3 b4 00 c1 91 a9 33 16	0a 00 3a 45 00 00 6e	00 b4 01 b4 de a8 39 14 74	02 aa 00 6e fc c0 00 00	0f E 02 . 00 F bf . 2c . 2f . 00 . 63 .	CH{@. @.+ P.r xvv.:.n. xvv.:.n. xvv.:.n. xvv.:.n. x
0010 020 0040 0050 0060 0070 0080 0090 0090	45 c0 50 c4 e6 8b c0 00 11 6f	00 7c 18 03 b8 6e 30 35 77 6d	00 f9 72 03 b8 f8 c0 00 77 00	f5 09 10 0e b2 00 0a 77 17	48 c5 06 ba 00 c0 01 2e 00	7b 9a 7c ea 08 1e 09 00 6c	40 01 00 d0 d6 c0 c0 00 69 ff	00 bb 00 78 6d 2b 13 7d 6e 01	40 0e 16 0d c0 c0 75 00	06 1f 03 76 38 2f 14 00 78 01	2b dc 01 76 fb cc 00 00 6d	f3 b4 00 c1 91 a9 33 16 69 00	0a 00 28 3a 45 cc 00 00 6e 0a	00 b4 01 b4 de a8 39 14 74 00	02 aa 00 6e fc 00 00 2e 08	0f E 02 . 00 F bf . 2c . 2f . 00 . 63 .	EH{@. @.+ P.r x.vv.:n x.vv.:n
010 020 030 040 050 060 070 080 090 080 090 00a0	45 c0 50 c4 e6 8b c0 00 11 6f 06	00 7c 18 03 b8 6e 30 35 77 6d 00	00 f9 72 03 b8 f8 c0 00 77 00 17	f5 09 10 0e b2 00 0a 77 17 00	48 c5 c6 ba 00 c0 01 2e 00 18	7b 9a 7c ea 08 1e 09 00 6c 00 00	40 01 00 d0 d6 c0 c0 00 69 ff 19	00 bb 00 78 6d 2b 13 7d 6e 01 00	40 0e 16 0d 00 00 75 00 0b	06 1f 03 76 38 2f 14 00 78 01 00	2b dc 01 76 fb cc 00 00 6d 00 02	f3 b4 00 c1 91 33 16 69 00 01	0a 00 28 3a 45 00 00 6e 0a 00	00 b4 01 b4 de a8 39 14 74 00 00	02 aa 00 6e fc 00 00 2e 08 23	0f E 02 . 00 F bf . 2c . 2f . 00 . 63 . 00 c	CH{@. @.+ P.r x.vv.:n. x.vv.:n. x.vv.:n. x.vv.:n.
0010 0020 0030 0040 0050 0060 0070 0080 0090 0090 0080 0090 0080 008	45 c0 50 c4 e6 8b c0 00 11 6f 06	00 7c 18 03 b8 6e 30 35 77 6d 00 33	00 f9 72 03 b8 f8 c0 00 77 00 17 74	f5 09 10 0e b2 00 0a 77 17 00 00	48 c5 c6 ba 00 c0 01 2e 00 18 00	7b 9a 7c 08 1e 09 00 6c 00 00 00	40 01 00 d0 d6 c0 c0 00 69 ff 19 10	00 bb 00 78 6d 2b 13 7d 6e 01 00 00	40 0e 16 d1 0d c0 c0 00 75 00 0b 17	06 1f 03 76 38 2f 14 00 78 01 00 00	2b dc 01 76 fb cc 00 6d 00 6d 02 15	f3 b4 00 c1 91 a9 33 16 69 00 01 02	0a 00 c8 3a 45 cc 00 00 6e 00 68	00 b4 01 b4 de a8 39 14 74 00 00 32	02 aa 00 6e fc c0 00 2e 08 23 08	0f E 02 . 00 F bf . 2c . 2f . 00 . 63 . 00 c 00 . 73 .	<pre>CH{@. @.+ P.r x.vv.:n P.r x.vv.:n P.r.</pre>
0010 0020 0030 0040 0050 0060 0070 0080 0090 0090 0090 0090 0090 009	45 c0 50 c4 e6 8b c0 00 11 6f 06 00 70	00 7c 18 03 b8 6e 30 35 77 6d 00 33 64	00 f9 72 03 b8 f8 c0 00 77 00 17 74 79	f5 09 10 b2 00 0a 77 17 00 00 2f	48 c5 c6 ba 00 c0 01 2e 00 18 00 33	7b 9a 7c ea 08 1e 09 00 6c 00 00 2e	40 01 00 d0 d6 c0 c0 00 69 ff 19 10 31	00 bb 00 78 6d 2b 13 7d 6e 01 00 00 08	40 0e 16 d1 0d c0 c0 c0 75 00 0b 17 68	06 1f 03 76 38 2f 14 00 78 01 00 74	2b dc 01 76 fb cc 00 6d 00 6d 02 15 74	f3 b4 00 c1 91 a9 33 16 69 00 01 02 70	0a 00 28 3a 45 cc 00 6e 0a 68 2f	00 b4 01 b4 de a8 39 14 74 00 00 32 31	02 aa 00 6e fc 00 00 2e 08 23 08 22	0f E 02 . 00 F bf . 2c . 2f . 00 . 63 . 00 c 00 . 73 . 31 p	CH{@. @.+ P.r x .vv.:n. P.r x .vv.:n.
0010 0020 0030 0040 0050 0060 0070 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0080 0090 0000 0090 0000 0000 0000 0000 0000 0000 0000 0000	45 c0 50 c4 e6 8b c0 00 11 6f 06 00 70 00	00 7c 18 03 b8 6e 30 35 77 6d 00 33 64 05	00 f9 72 03 b8 f8 c0 00 77 00 17 74 79 00	f5 09 10 0e b2 00 0a 77 17 00 2f 05	48 c5 c6 ba 00 c0 01 2e 00 18 00 33 01	7b 9a 7c ea 08 1e 09 00 6c 00 00 2e 00	40 01 00 d0 d6 c0 c0 00 69 ff 19 10 31 00	00 bb 00 78 6d 2b 13 7d 6e 01 00 00 08 00	40 0e 16 d1 0d c0 c0 00 75 00 0b 17 68 00	06 1f 03 76 38 2f 14 00 78 01 00 74 00	2b dc 01 76 fb cc 00 6d 00 02 15 74 0d	f3 b4 00 c1 91 a9 33 16 69 00 01 02 70 00	0a 00 c8 3a 45 cc 00 00 6e 0a 00 68 2f 18	00 b4 01 b4 de a8 39 14 74 00 00 32 31 00	02 aa 00 6e fc 00 00 2e 08 23 08 2e 16	0f E 02 . 00 F bf . 2c . 2f . 00 . 63 . 00 c 00 . 73 . 31 P 04 .	EH{@. @.+ P.r x.vv.:n P.r x.vv.:n P.r
0000 0010 0020 0030 0040 0050 0050 0060 0080 0080 0080 0080 008	45 c0 50 c4 e6 8b c0 00 11 6f 06 00 70 00 01	00 7c 18 03 b8 6e 30 35 77 6d 00 33 64 05 05	00 f9 72 03 b8 f8 c0 00 77 00 17 74 79 00 01	f5 09 10 0e b2 00 0a 77 17 00 2f 05	48 c5 c6 ba 00 c0 01 2e 00 18 00 33 01 01	7b 9a 7c ea 08 1e 09 00 6c 00 00 2e	40 01 00 d0 d6 c0 c0 00 69 ff 19 10 31 00	00 bb 00 78 6d 2b 13 7d 6e 01 00 00 08 00	40 0e 16 d1 0d c0 c0 00 75 00 0b 17 68 00	06 1f 03 76 38 2f 14 00 78 01 00 74 00	2b dc 01 76 fb cc 00 6d 00 02 15 74 0d	f3 b4 00 c1 91 a9 33 16 69 00 01 02 70 00	0a 00 c8 3a 45 cc 00 00 6e 0a 00 68 2f 18	00 b4 01 b4 de a8 39 14 74 00 00 32 31 00	02 aa 00 6e fc 00 00 2e 08 23 08 22	0f E 02 . 00 F bf . 2c . 2f . 00 . 63 . 00 . 73 . 31 p 04 . 05 .	CH{@. @.+ P.r x .vv.:n. P.r x .vv.:n.

Refer to the exhibit. Which application protocol is in this PCAP file?

A. SSH

B. TCP

C. TLS

D. HTTP

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 49



SPRT SRVLOC SSCOP SSH SSL STANAG 5066 StarTeam STP SUA SYNCHROPHASOR T.38 TACACS+ TALI TCAP TCPENCAP TDMoE	Show TCP summary in protocol tree: Validate the TCP checksum if possible: Allow subdissector to reassemble TCP streams: Analyze TCP sequence numbers: Relative sequence numbers: Scaling factor to use when not available from capture: Not known Track number of bytes in flight: Calculate conversation timestamps: Try heuristic sub-dissectors first: Ignore TCP Timestamps in summary: Do not call subdissectors for error packets: TCP Experimental Options with a Magic Number:
---	--

Refer to the exhibit. What is the expected result when the "Allow subdissector to reassemble TCP streams" feature is enabled?

- A. insert TCP subdissectors
- B. extract a file from a packet capture
- C. disable TCP streams
- D. unfragment TCP

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 50 What is a difference between inline traffic interrogation and traffic mirroring?

- A. Inline inspection acts on the original traffic data flow
- B. Traffic mirroring passes live traffic to a tool for blocking
- C. Traffic mirroring inspects live traffic for analysis and mitigation
- D. Inline traffic copies packets for analysis and security

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 51 During which phase of the forensic process is data that is related to a specific event labeled and recorded to preserve its integrity?

- A. examination
- B. investigation





C. collection

D. reporting

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 52

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 53 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 54 How is attacking a vulnerability categorized?

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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 55





A system administrator is ensuring that specific registry information is accurate. Which type of configuration information does the HKEY_LOCAL_MACHINE hive contain?

- A. file extension associations
- B. hardware, software, and security settings for the system
- C. currently logged in users, including folders and control panel settings
- D. all users on the system, including visual settings

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 56 What is the difference between statistical detection and rule-based detection models?

- A. Rule-based detection involves the collection of data in relation to the behavior of legitimate users over a period of time
- B. Statistical detection defines legitimate data of users over a period of time and rule-based detection defines it on an IF/THEN basis
- C. Statistical detection involves the evaluation of an object on its intended actions before it executes that behavior
- D. Rule-based detection defines legitimate data of users over a period of time and statistical detection defines it on an IF/THEN basis

Correct Answer: B Section: (none) Explanation

Explanation/Reference:



QUESTION 57 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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 58 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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:



QUESTION 59 Which signature impacts network traffic by causing legitimate traffic to be blocked?

- A. false negative
- B. true positive
- C. true negative
- D. false positive

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 60 Which attack is the network vulnerable to when a stream cipher like RC4 is used twice with the same key?

- A. forgery attack
- B. plaintext-only attack
- C. ciphertext-only attack
- D. meet-in-the-middle attack

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

CEplus

QUESTION 61 What causes events on a Windows system to show Event Code 4625 in the log messages?

A. The system detected an XSS attack

- B. Someone is trying a brute force attack on the network
- C. Another device is gaining root access to the system
- D. A privileged user successfully logged into the system

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 62

Which evasion technique is indicated when an intrusion detection system begins receiving an abnormally high volume of scanning from numerous sources?

A. resource exhaustion B.tunnelingC. traffic fragmentationD. timing attack

Correct Answer: A Section: (none) Explanation Explanation/Reference:



QUESTION 63

10.44.101.23 - - [20/Nov/2017:14:18:06 -0500] "GET / HTTP/1.1" 200 1254 "-" "Mozilla/5.0(X11; Ubuntu; Linux x86_64; rv:54.0) Gecko/20100101 Firefox/54.0"

Refer to the exhibit. What does the message indicate?

- A. an access attempt was made from the Mosaic web browser
- B. a successful access attempt was made to retrieve the password file
- C. a successful access attempt was made to retrieve the root of the website
- D. a denied access attempt was made to retrieve the password file

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 64 What are two social engineering techniques? (Choose two.)

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

Correct Answer: CE Section: (none) Explanation

Explanation/Reference:

QUESTION 65

```
# 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
                     172.18.108.139; OS: Linux; CPE: cpe:/o:linux:linux kernel
Service Info: Host:
```

Refer to the exhibit. 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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 66

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

Refer to the exhibit. 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 injectionD. blind SQL injection
- Correct Answer: D Section: (none) Explanation

CEplus

Explanation/Reference:

QUESTION 67 What is the difference between mandatory access control (MAC) and discretionary access control (DAC)?

- A. MAC is controlled by the discretion of the owner and DAC is controlled by an administrator
- B. MAC is the strictest of all levels of control and DAC is object-based access
- C. DAC is controlled by the operating system and MAC is controlled by an administrator
- D. DAC is the strictest of all levels of control and MAC is object-based access

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 68 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

Correct Answer: D



Section: (none) Explanation

Explanation/Reference:

QUESTION 69 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 70 Which attack method intercepts traffic on a switched network?

- A. denial of service
- B. ARP cache poisoning
- C. DHCP snooping
- D. command and control

Correct Answer: C Section: (none) Explanation

Explanation/Reference: QUESTION 71 Which two elements are used for profiling a network? (Choose two.)

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

Correct Answer: DE Section: (none) Explanation

Explanation/Reference:

QUESTION 72 What does an attacker use to determine which network ports are listening on a potential target device?

- A. man-in-the-middle
- B. port scanning
- C. SQL injection
- D. ping sweep





Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 73 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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 74

Refer to the exhibit. 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 Correct Answer: A Section: (none) Explanation

Explanation/Reference:

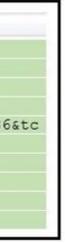
QUESTION 75

No.	Time	Source	Destination	Protocol	Length	Info
1878	6.473353	173.37.145.84	10.0.2.15	TCP	62	80→49522 [ACK] Seq=14404 Ack=2987 Win=65535 Len=0
1986	6.736855	173.37.145.84	10.0.2.15	HTTP	245	HTTP/1.1 304 Not Modified
1987	6.736873	10.0.2.15	173.37.145.84	TCP	56	49522→80 [ACK] Seq=2987 Ack=14593 Win=59640 Len=0
2317	7.245088	10.0.2.15	173.37.145.84	TCP	2976	[TCP segment of a reassembled PDU]
2318	7.245192	10.0.2.15	173.37.145.84	HTTP	1020	GET /web/fw/i/ntpagetag.gif?js=1&ts=147629607552.286
2321	7.246633	173.37.145.84	10.0.2.15	TCP	62	80-49522 [ACK] Seq=14593 Ack=4447 Win=65535 Len=0
2322	7.246640	173.37.145.84	10.0.2.15	TCP	62	80-49522 [ACK] Seq=14593 Ack=5907 Win=65535 Len=0
2323	7.246642	173.37.145.84	10.0.2.15	TCP	62	80-49522 [ACK] Seq=14593 Ack=6871 Win=65535 Len=0
2542	7.512750	173.37.145.84	10.0.2.15	HTTP	442	HTTP/1.1 200 OK (GIF89a)
2543	7.512781	10.0.2.15	173.37.145.84	TCP	56	49522→80 [ACK] Seq=6871 Ack=14979 Win=62480 Len=0

Refer to the exhibit. Which packet contains a file that is extractable within Wireshark?







A. 2317B. 1986C. 2318D. 2542

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 76 How does certificate authority impact a security system?

- A. It authenticates client identity when requesting SSL certificate
- B. It validates domain identity of a SSL certificate
- C. It authenticates domain identity when requesting SSL certificate
- D. It validates client identity when communicating with the server

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 77 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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 78 What is the practice of giving employees only those permissions necessary to perform their specific role within an organization?

- A. least privilege
- B. need to know
- C. integrity validation
- D. due diligence

Correct Answer: A Section: (none) Explanation

Explanation/Reference:





QUESTION 79 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 80 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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 81





ار، ci	sco Stea	lthwatch	Dashboards	Monitor	Analyze Jobs	2			
Flow	w Search Re	esults (1,160	5)						
Edit	Search 05/06/20	20 06:00 AM - 05/06/2	020 1:20 PM (Time F	a 2,000 (Max Red	cords)				
Subj	lect: 10.201.3	.149 Client							
Con	nection: All (Flow	Direction)							
Pee	er: Outside	Hosts							
0									
	START	DURATION	SUBJECT IP AD	SUBJECT PORT	SUBJECT HOST	SUBJECT BYTES	APPLICATION	TOTAL BYTES	PEER IP ADDRE
	🛗 Ex. 06/05	Ex. <=50min	Ex. 10.10.10.	Ex. 57100/U	Ex. *catch A	Ex. <=50M	Ex. "Corpora	Ex. <=50M	Ex 10.255.2
	May 6, 2020 6:46:42 AM (9hr 14 min 19s ago)	15min 13s	10.201.3.149 💬	52599/UDP	End User Devices, Desktops, Atlanta, Sales and Marketing	6.42 M	Undefined UDP	132.53 M	152.46.6.91 💬
	General								
	View URL Data								
	Subject			Total	9			Peer	
		60.06 K		Packets			Eplus	1 Packets:	105.81 K
		65.78 pps		Packet I				Packet Rate:	115.89 pps
		6.42 MB		Bytes:	132.53 N			Bytes:	126.11 MB
	Byte Rate:	7.37 Kbps		Byte Ra	te: 152.2 Kb	ps		Byte Rate:	144.83 Kbps
	Percent Transfer:	4.64%		Subject	Byte Ratio: 4.84%			Percent Transf	fer: 95.16%
	Host Groups:	End User Devices, De Sales and Marketing	sctops, Atlanta,	RTT:	-			Host Groups:	United States
	Payload:	-		SRT:	-			Payload:	-
	May 6, 2020 9:44:05 AM (6hr 16min 56s ago)	55 min 56s	10.201.3.149 👄	52599/UDP	End User Devices, Desktops, Atlanta, Sales and Marketing	4.13 M	Undefined UDP	96.26 M	152.46.6.91 💬

Refer to the exhibit. 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.

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 82

A security engineer deploys an enterprise-wide host/endpoint technology for all of the company's corporate PCs. Management requests the engineer to block a selected set of applications on all PCs.



Which technology should be used to accomplish this task?

A. application whitelisting/blacklisting

B. network NGFWC. host-based IDS D. antivirus/antispyware software

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 83 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 84 Which two pieces of information are collected from the IPv4 protocol header? (Choose two.)

CEplus

- 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

Correct Answer: CD Section: (none) Explanation

Explanation/Reference:

QUESTION 85 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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:





QUESTION 86 Which category relates to improper use or disclosure of PII data?

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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 87 Which regex matches only on all lowercase letters?

A. [a−z]+

B. [^a−z]+

C. a-z+

D. a*z+

Correct Answer: A Section: (none) Explanation

Explanation/Reference:



QUESTION 88 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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 89 An offline audit log contains the source IP address of a session suspected to have exploited a vulnerability resulting in system compromise.

Which kind of evidence is this IP address?

A. best evidence

- B. corroborative evidence
- C. indirect evidence
- D. forensic evidence

Correct Answer: B Section: (none) Explanation



Explanation/Reference:

QUESTION 90 Which security technology allows only a set of pre-approved applications to run on a system?

A. application-level blacklisting B. host-based IPSC. application-level whitelistingD. antivirus

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 91

Severity	Date	Time	Sig ID	Source IP	Source Port	Dest IP	Dest Port	Description
6	Jan 15 2020	05:15:22	33883	62.5.22.54	22557	198.168.5.22	53	*

Refer to the exhibit. Which type of log is displayed?

- A. IDS
- B. proxy
- C. NetFlow
- D. sys

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 92





verview An	alysis Policie	s Devices (Objects											🥏 Health	System H
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Refer to the exhibit. Which two elements in the table are parts of the 5-tuple? (Choose two.)

- A. First Packet
- B. Initiator User
- C. Ingress Security Zone
- D. Source Port
- E. Initiator IP

Correct Answer: DE Section: (none) Explanation

Explanation/Reference:

QUESTION 93 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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 94

What is the function of a command and control server? A. It enumerates open ports on a network device





- B. It drops secondary payload into malware
- C. It is used to regain control of the network after a compromise
- D. It sends instruction to a compromised system

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 95 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 96 Which evasion technique is a function of ransomware?

- A. extended sleep calls
- B. encryption
- C. resource exhaustion
- D. encoding

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

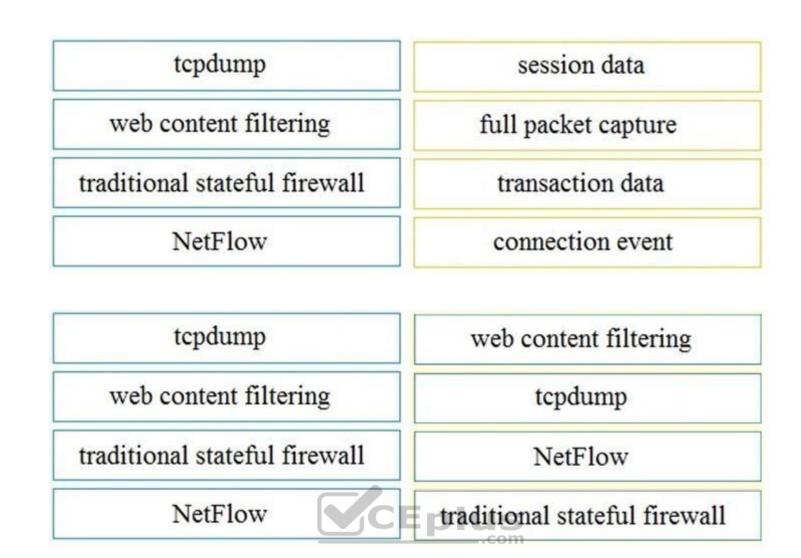
QUESTION 97 DRAG DROP

Drag and drop the technology on the left onto the data type the technology provides on the right.

Select and Place:







Section: (none) Explanation

Correct Answer:

Explanation/Reference:

QUESTION 98 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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

