

Exam Questions 200-201

Understanding Cisco Cybersecurity Operations Fundamentals

<https://www.2passeasy.com/dumps/200-201/>



NEW QUESTION 1

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 2

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

Answer: B

NEW QUESTION 3

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

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

Answer: D

NEW QUESTION 4

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

Answer: B

NEW QUESTION 5

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

tcpdump	session data
web content filtering	full packet capture
traditional stateful firewall	transaction data
NetFlow	connection event

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

tcpdump	web content filtering
web content filtering	tcpdump
traditional stateful firewall	NetFlow
NetFlow	traditional stateful firewall

NEW QUESTION 6

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 7

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 8

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 9

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

Answer: B

NEW QUESTION 10

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 10

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

Answer: B

NEW QUESTION 14

Which attack method intercepts traffic on a switched network?

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

Answer: C

NEW QUESTION 15

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 17

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 22

Refer to the exhibit.

Flow Search Results (1,166)

05/06/2020 06:00 AM - 05/06/2020 1:20 PM (Time Ra) 2,000 (Max Records)

Subject: 10.201.3.149 Client

Connection: All (Flow Direction)

Peer: Outside Hosts

START	DURATION	SUBJECT IP AD...	SUBJECT PORT...	SUBJECT HOST...	SUBJECT BYTES	APPLICATION	TOTAL BYTES	PEER IP ADDRE...
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	Totals	Peer
Packets: 60.06 K	Packets: 165.87 K	Packets: 105.81 K
Packet Rate: 65.78 pps	Packet Rate: 181.67 pps	Packet Rate: 115.89 pps
Bytes: 6.42 MB	Bytes: 132.53 MB	Bytes: 126.11 MB
Byte Rate: 7.37 Kbps	Byte Rate: 152.2 Kbps	Byte Rate: 144.83 Kbps
Percent Transfer: 4.64%	Subject Byte Ratio: 4.84%	Percent Transfer: 95.16%
Host Groups: End User Devices, Desktops, Atlanta, Sales and Marketing	RTT: -	Host Groups: United States
Payload: -	SRT: -	Payload: -

May 6, 2020 9:44:05 AM (6hr 16min 56s ago)

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 25

Which regex matches only on all lowercase letters?

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

Answer: A

NEW QUESTION 27

What are the two characteristics of the full packet captures? (Choose two.)

- A. Identifying network loops and collision domains.
- B. Troubleshooting the cause of security and performance issues.
- C. Reassembling fragmented traffic from raw data.
- D. Detecting common hardware faults and identify faulty assets.
- E. Providing a historical record of a network transaction.

Answer: CE

NEW QUESTION 29

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 32

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

Answer: C

NEW QUESTION 34

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. tunneling
- C. traffic fragmentation
- D. timing attack

Answer: A

NEW QUESTION 36

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 40

The target web application server is running as the root user and is vulnerable to command injection. Which result of a successful attack is true?

- A. cross-site scripting
- B. cross-site scripting request forgery
- C. privilege escalation
- D. buffer overflow

Answer: B

NEW QUESTION 44

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 49

What makes HTTPS traffic difficult to monitor?

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

Answer: D

NEW QUESTION 51

What does cyber attribution identify in an investigation?

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

Answer: B

NEW QUESTION 55

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 56

What is the difference between an attack vector and attack surface?

- A. An attack surface identifies vulnerabilities that require user input or validation; and an attack vector identifies vulnerabilities that are independent of user actions.
- B. An attack vector identifies components that can be exploited; and an attack surface identifies the potential path an attack can take to penetrate the network.
- C. An attack surface recognizes which network parts are vulnerable to an attack; and an attack vector identifies which attacks are possible with these vulnerabilities.
- D. An attack vector identifies the potential outcomes of an attack; and an attack surface launches an attack using several methods against the identified vulnerabilities.

Answer: C

NEW QUESTION 58

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

Answer: B

NEW QUESTION 63

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 67

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 70

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 73

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

Answer: B

NEW QUESTION 78

What is an example of social engineering attacks?

- A. receiving an unexpected email from an unknown person with an uncharacteristic attachment from someone in the same company
- B. receiving an email from human resources requesting a visit to their secure website to update contact information
- C. sending a verbal request to an administrator who knows how to change an account password
- D. receiving an invitation to the department's weekly WebEx meeting

Answer: B

NEW QUESTION 80

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

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

Answer: B

NEW QUESTION 83

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 87

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 88

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 91

Refer to the exhibit.

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	→ 192.168.0.1:20521	1	82	1

Which type of log is displayed?

- A. proxy

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

Answer: B

NEW QUESTION 92

Refer to the exhibit.

First Packet	Last Packet	Action	Reason	Initiator IP	Initiator Country	Initiator User	Responder IP	Responder Country	Security Intelligence Category	Ingress Security Zone	Egress Security Zone	Source Port
2018-03-07 13:42:01		Sinkhole DNS Block		10.0.10.75		JERI LABORDE (DCLOUD-SOC LDAP)	10.110.10.11		DNS Intelligence-CnC	External	Internal	54925 / udp
2018-03-07 13:42:01		Sinkhole DNS Block		10.0.0.100		AMPARO GIVENS (DCLOUD-SOC LDAP)	10.110.10.11		DNS Intelligence-CnC	External	Internal	54925 / udp
2018-03-07 13:42:01		Sinkhole DNS Block		10.112.10.158		VERNETTA DONNEL (DCLOUD-SOC LDAP)	192.168.1.153		DNS Intelligence-CnC	External	Internal	54925 / udp

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

Answer: DE

NEW QUESTION 94

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 98

.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 200-201 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 200-201 Product From:

<https://www.2passeasy.com/dumps/200-201/>

Money Back Guarantee

200-201 Practice Exam Features:

- * 200-201 Questions and Answers Updated Frequently
- * 200-201 Practice Questions Verified by Expert Senior Certified Staff
- * 200-201 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * 200-201 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year