

## Exam Questions 350-701

Implementing and Operating Cisco Security Core Technologies

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### NEW QUESTION 1

Refer to the exhibit.

Interface	MAC Address	Method	Domain	Status	Fg Session ID
Gi4/15	0050.b6d4.8a60	dot1x	DATA	Auth	0A02198200001
Gi8/43	0024.c4fe.1832	dot1x	VOICE	Auth	0A02198200000
Gi10/25	0026.7391.bbd1	dot1x	DATA	Auth	0A02198200001
Gi8/28	0026.0b5e.51d5	dot1x	VOICE	Auth	0A02198200000
Gi4/13	0025.4593.e575	dot1x	VOICE	Auth	0A02198200000
Gi10/23	0025.8418.217f	dot1x	VOICE	Auth	0A02198200000
Gi7/4	0025.8418.1bc7	dot1x	VOICE	Auth	0A02198200000
Gi7/7	0026.0b5e.50fb	dot1x	VOICE	Auth	0A02198200000
Gi8/14	c85b.7604.fa1d	dot1x	DATA	Auth	0A02198200001
Gi10/29	0026.0b5e.528a	dot1x	VOICE	Auth	0A02198200000
Gi4/2	0026.0b5e.4f9f	dot1x	VOICE	Auth	0A02198200000
Gi10/30	0025.4593.e5ac	dot1x	VOICE	Auth	0A02198200000
Gi8/29	68bd.aba5.2e44	dot1x	VOICE	Auth	0A02198200001
Gi7/4	54ee.75db.d766	dot1x	DATA	Auth	0A02198200001
Gi2/34	e804.62eb.a658	dot1x	VOICE	Auth	0A02198200000
Gi10/22	482a.e307.d9c8	dot1x	DATA	Auth	0A02198200001
Gi9/22	0007.b00c.8c35	mab	DATA	Auth	0A02198200000

Which command was used to generate this output and to show which ports are authenticating with dot1x or mab?

- A. show authentication registrations
- B. show authentication method
- C. show dot1x all
- D. show authentication sessions

**Answer: B**

### NEW QUESTION 2

In which form of attack is alternate encoding, such as hexadecimal representation, most often observed?

- A. smurf
- B. distributed denial of service
- C. cross-site scripting
- D. rootkit exploit

**Answer: C**

### NEW QUESTION 3

When web policies are configured in Cisco Umbrella, what provides the ability to ensure that domains are blocked when they host malware, command and control, phishing, and more threats?

- A. Application Control
- B. Security Category Blocking
- C. Content Category Blocking
- D. File Analysis

**Answer: B**

#### Explanation:

Reference: <https://support.umbrella.com/hc/en-us/articles/115004563666-Understanding-Security-Categories>

### NEW QUESTION 4

What two mechanisms are used to redirect users to a web portal to authenticate to ISE for guest services? (Choose two.)

- A. TACACS+
- B. central web auth
- C. single sign-on
- D. multiple factor auth
- E. local web auth

**Answer: BE**

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin\\_guide/b\\_ise\\_admin\\_guide\\_22/b\\_ise\\_admin\\_guide\\_22\\_chapter\\_01110.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin_guide/b_ise_admin_guide_22/b_ise_admin_guide_22_chapter_01110.html)

### NEW QUESTION 5

Which flaw does an attacker leverage when exploiting SQL injection vulnerabilities?

- A. user input validation in a web page or web application
- B. Linux and Windows operating systems
- C. database
- D. web page images

**Answer:** C

**Explanation:**

Reference: [https://tools.cisco.com/security/center/resources/sql\\_injection](https://tools.cisco.com/security/center/resources/sql_injection)

#### NEW QUESTION 6

Which deployment model is the most secure when considering risks to cloud adoption?

- A. public cloud
- B. hybrid cloud
- C. community cloud
- D. private cloud

**Answer:** D

#### NEW QUESTION 7

Which algorithm provides encryption and authentication for data plane communication?

- A. AES-GCM
- B. SHA-96
- C. AES-256
- D. SHA-384

**Answer:** A

#### NEW QUESTION 8

Which technology reduces data loss by identifying sensitive information stored in public computing environments?

- A. Cisco SDA
- B. Cisco Firepower
- C. Cisco HyperFlex
- D. Cisco Cloudlock

**Answer:** D

**Explanation:**

Reference: <https://www.cisco.com/c/dam/en/us/products/collateral/security/cloudlock/cisco-cloudlock-cloud-data-security-datasheet.pdf>

#### NEW QUESTION 9

Refer to the exhibit.

```
snmp-server group SNMP v3 auth access 15
```

What does the number 15 represent in this configuration?

- A. privilege level for an authorized user to this router
- B. access list that identifies the SNMP devices that can access the router
- C. interval in seconds between SNMPv3 authentication attempts
- D. number of possible failed attempts until the SNMPv3 user is locked out

**Answer:** B

#### NEW QUESTION 10

Which network monitoring solution uses streams and pushes operational data to provide a near real-time view of activity?

- A. SNMP
- B. SMTP
- C. syslog
- D. model-driven telemetry

**Answer:** D

**Explanation:**

Reference: <https://developer.cisco.com/docs/ios-xe/#!streaming-telemetry-quick-start-guide>

#### NEW QUESTION 10

DRAG DROP

Drag and drop the Firepower Next Generation Intrusion Prevention System detectors from the left onto the correct definitions on the right.



PortScan Detection	many-to-one PortScan in which multiple hosts query a single host for open ports
Port Sweep	one-to-one PortScan, attacker mixes spoofed source IP addresses with the actual scanning IP address
Decoy PortScan	one-to-many port sweep, an attacker against one or a few hosts to scan a single port on multiple target hosts
Distributed PortScan	one-to-one PortScan, an attacker against one or a few hosts to scan one or multiple ports

- A. Mastered  
 B. Not Mastered

Answer: A

Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config-guide-v64/detecting\\_specific\\_threats.html](https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config-guide-v64/detecting_specific_threats.html)

#### NEW QUESTION 15

DRAG DROP

Drag and drop the capabilities from the left onto the correct technologies on the right.

detection, blocking, tracking, analysis, and remediation to protect against targeted persistent malware attacks	Next Generation Intrusion Prevention System
superior threat prevention and mitigation for known and unknown threats	Advanced Malware Protection
application-layer control and ability to enforce usage and tailor detection policies based on custom applications and URLs	application control and URL filtering
combined integrated solution of strong defense and web protection, visibility, and controlling solutions	Cisco Web Security Appliance

- A. Mastered  
 B. Not Mastered

Answer: A

Explanation:

detection, blocking, tracking, analysis, and remediation to protect against targeted persistent malware attacks	superior threat prevention and mitigation for known and unknown threats
superior threat prevention and mitigation for known and unknown threats	detection, blocking, tracking, analysis, and remediation to protect against targeted persistent malware attacks
application-layer control and ability to enforce usage and tailor detection policies based on custom applications and URLs	application-layer control and ability to enforce usage and tailor detection policies based on custom applications and URLs
combined integrated solution of strong defense and web protection, visibility, and controlling solutions	combined integrated solution of strong defense and web protection, visibility, and controlling solutions

#### NEW QUESTION 19

Which two key and block sizes are valid for AES? (Choose two.)

- A. 64-bit block size, 112-bit key length
- B. 64-bit block size, 168-bit key length
- C. 128-bit block size, 192-bit key length
- D. 128-bit block size, 256-bit key length
- E. 192-bit block size, 256-bit key length

**Answer:** CD

**Explanation:**

Reference: [https://en.wikipedia.org/wiki/Advanced\\_Encryption\\_Standard](https://en.wikipedia.org/wiki/Advanced_Encryption_Standard)

**NEW QUESTION 24**

What are two list types within AMP for Endpoints Outbreak Control? (Choose two.)

- A. blocked ports
- B. simple custom detections
- C. command and control
- D. allowed applications
- E. URL

**Answer:** BD

**Explanation:**

Reference: <https://docs.amp.cisco.com/en/A4E/AMP%20for%20Endpoints%20User%20Guide.pdf> chapter 2

**NEW QUESTION 25**

What is the function of Cisco Cloudlock for data security?

- A. data loss prevention
- B. controls malicious cloud apps
- C. detects anomalies
- D. user and entity behavior analytics

**Answer:** A

**Explanation:**

Reference: <https://umbrella.cisco.com/products/casb>

**NEW QUESTION 26**

For which two conditions can an endpoint be checked using ISE posture assessment? (Choose two.)

- A. computer identity
- B. Windows service
- C. user identity
- D. Windows firewall
- E. default browser

**Answer:** BC

**NEW QUESTION 29**

Which Cisco product provides proactive endpoint protection and allows administrators to centrally manage the deployment?

- A. NGFW
- B. AMP
- C. WSA
- D. ESA

**Answer:** B

**NEW QUESTION 32**

Where are individual sites specified to be blacklisted in Cisco Umbrella?

- A. application settings
- B. content categories
- C. security settings
- D. destination lists

**Answer:** D

**NEW QUESTION 34**

Which statement about IOS zone-based firewalls is true?

- A. An unassigned interface can communicate with assigned interfaces
- B. Only one interface can be assigned to a zone.
- C. An interface can be assigned to multiple zones.
- D. An interface can be assigned only to one zone.



**Answer:** D

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/support/docs/security/ios-firewall/98628-zone-design-guide.html>

#### NEW QUESTION 36

When wired 802.1X authentication is implemented, which two components are required? (Choose two.)

- A. authentication server: Cisco Identity Service Engine
- B. supplicant: Cisco AnyConnect ISE Posture module
- C. authenticator: Cisco Catalyst switch
- D. authenticator: Cisco Identity Services Engine
- E. authentication server: Cisco Prime Infrastructure

**Answer:** AC

**Explanation:**

Reference: <https://www.lookingpoint.com/blog/ise-series-802.1x>

#### NEW QUESTION 40

The Cisco ASA must support TLS proxy for encrypted Cisco Unified Communications traffic. Where must the ASA be added on the Cisco UC Manager platform?

- A. Certificate Trust List
- B. Endpoint Trust List
- C. Enterprise Proxy Service
- D. Secured Collaboration Proxy

**Answer:** A

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/td/docs/security/asa/special/unified-communications/guide/unified-comm/unified-comm-tlsproxy.html>

#### NEW QUESTION 42

Which two mechanisms are used to control phishing attacks? (Choose two.)

- A. Enable browser alerts for fraudulent websites.
- B. Define security group memberships.
- C. Revoke expired CRL of the websites.
- D. Use antispymware software.
- E. Implement email filtering techniques.

**Answer:** AE

#### NEW QUESTION 44

Which VPN technology can support a multivendor environment and secure traffic between sites?

- A. SSL VPN
- B. GET VPN
- C. FlexVPN
- D. DMVPN

**Answer:** C

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/products/collateral/routers/asr-1000-series-aggregation-services-routers/data\\_sheet\\_c78-704277.html](https://www.cisco.com/c/en/us/products/collateral/routers/asr-1000-series-aggregation-services-routers/data_sheet_c78-704277.html)

#### NEW QUESTION 48

Which feature is supported when deploying Cisco ASAv within AWS public cloud?

- A. multiple context mode
- B. user deployment of Layer 3 networks
- C. IPv6
- D. clustering

**Answer:** B

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/td/docs/security/asa/asa96/asav/quick-start-book/asav-96-qsg/asav-aws.html>

#### NEW QUESTION 53

Which proxy mode must be used on Cisco WSA to redirect TCP traffic with WCCP?

- A. transparent
- B. redirection
- C. forward
- D. proxy gateway

**Answer:** A

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/support/docs/security/web-security-appliance/117940-qa-wsa-00.html>

**NEW QUESTION 57**

An MDM provides which two advantages to an organization with regards to device management? (Choose two.)

- A. asset inventory management
- B. allowed application management
- C. Active Directory group policy management
- D. network device management
- E. critical device management

**Answer:** AB

**NEW QUESTION 61**

Which two endpoint measures are used to minimize the chances of falling victim to phishing and social engineering attacks? (Choose two.)

- A. Patch for cross-site scripting.
- B. Perform backups to the private cloud.
- C. Protect against input validation and character escapes in the endpoint.
- D. Install a spam and virus email filter.
- E. Protect systems with an up-to-date antimalware program.

**Answer:** DE

**NEW QUESTION 64**

Why would a user choose an on-premises ESA versus the CES solution?

- A. Sensitive data must remain onsite.
- B. Demand is unpredictable.
- C. The server team wants to outsource this service.
- D. ESA is deployed inline.

**Answer:** A

**NEW QUESTION 67**

Which technology must be used to implement secure VPN connectivity among company branches over a private IP cloud with any-to-any scalable connectivity?

- A. DMVPN
- B. FlexVPN
- C. IPsec DVTI
- D. GET VPN

**Answer:** D

**NEW QUESTION 69**

Which Cisco solution does Cisco Umbrella integrate with to determine if a URL is malicious?

- A. AMP
- B. AnyConnect
- C. DynDNS
- D. Talos

**Answer:** D

**NEW QUESTION 73**

What is the purpose of the Decrypt for Application Detection feature within the WSA Decryption options?

- A. It decrypts HTTPS application traffic for unauthenticated users.
- B. It alerts users when the WSA decrypts their traffic.
- C. It decrypts HTTPS application traffic for authenticated users.
- D. It provides enhanced HTTPS application detection for AsyncOS.

**Answer:** D

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/wsa/wsa11-7/user\\_guide/b\\_WSA\\_UserGuide\\_11\\_7/b\\_WSA\\_UserGuide\\_11\\_7\\_chapter\\_01011.html](https://www.cisco.com/c/en/us/td/docs/security/wsa/wsa11-7/user_guide/b_WSA_UserGuide_11_7/b_WSA_UserGuide_11_7_chapter_01011.html)

**NEW QUESTION 75**

What is the primary role of the Cisco Email Security Appliance?

- A. Mail Submission Agent
- B. Mail Transfer Agent

C. Mail Delivery Agent  
D. Mail User Agent

**Answer:** B

**NEW QUESTION 80**

Which two features of Cisco DNA Center are used in a Software Defined Network solution? (Choose two.)

- A. accounting
- B. assurance
- C. automation
- D. authentication
- E. encryption

**Answer:** BC

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/products/cloud-systems-management/dna-center/index.html>

**NEW QUESTION 84**

How is Cisco Umbrella configured to log only security events?

- A. per policy
- B. in the Reporting settings
- C. in the Security Settings section
- D. per network in the Deployments section

**Answer:** A

**Explanation:**

Reference: <https://docs.umbrella.com/deployment-umbrella/docs/log-management>

**NEW QUESTION 85**

On which part of the IT environment does DevSecOps focus?

- A. application development
- B. wireless network
- C. data center
- D. perimeter network

**Answer:** A

**NEW QUESTION 88**

Which functions of an SDN architecture require southbound APIs to enable communication?

- A. SDN controller and the network elements
- B. management console and the SDN controller
- C. management console and the cloud
- D. SDN controller and the cloud

**Answer:** A

**NEW QUESTION 90**

What can be integrated with Cisco Threat Intelligence Director to provide information about security threats, which allows the SOC to proactively automate responses to those threats?

- A. Cisco Umbrella
- B. External Threat Feeds
- C. Cisco Threat Grid
- D. Cisco Stealthwatch

**Answer:** C

**NEW QUESTION 94**

Which attack is commonly associated with C and C++ programming languages?

- A. cross-site scripting
- B. water holing
- C. DDoS
- D. buffer overflow

**Answer:** D

**Explanation:**

Reference: [https://en.wikipedia.org/wiki/Buffer\\_overflow](https://en.wikipedia.org/wiki/Buffer_overflow)



### NEW QUESTION 97

Refer to the exhibit.

```
Sysauthcontrol          Enabled
Dot1x Protocol Version    3

Dot1x Info for GigabitEthernet1/0/12
-----
PAE                      = AUTHENTICATOR
PortControl               = FORCE_AUTHORIZED
ControlDirection         = Both
HostMode                  = SINGLE_HOST
QuietPeriod               = 60
ServerTimeout             = 0
SuppTimeout               = 30
ReAuthMax                 = 2
MaxReq                    = 2
TxPeriod                  = 30
```

Which command was used to display this output?

- A. show dot1x all
- B. show dot1x
- C. show dot1x all summary
- D. show dot1x interface gi1/0/12

**Answer:** A

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec\\_usr\\_8021x/configuration/x3se/3850/sec-user-8021x-xe-3se-3850-book/config-ieee-802x-pba.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_usr_8021x/configuration/x3se/3850/sec-user-8021x-xe-3se-3850-book/config-ieee-802x-pba.html)

### NEW QUESTION 99

Refer to the exhibit.

```
Gateway of last resort is 1.1.1.1 to network 0.0.0.0

S*   0.0.0.0 0.0.0.0 [1/0] via 1.1.1.1, outside
C     1.1.1.0 255.255.255.0 is directly connect, outside
S     172.16.0.0 255.255.0.0 [1/0] via 192.168.100.1, inside
C     192.168.100.0 255.255.255.0 is directly connected, inside
C     172.16.10.0 255.255.255.0 is directly connected, dmz
S     10.10.10.0 255.255.255.0 [1/0] via 172.16.10.1, dmz

-----

access-list redirect-acl permit ip 192.168.100.0 255.255.255.0 any
access-list redirect-acl permit ip 172.16.0.0 255.255.0.0 any

class-map redirect-class
match access-list redirect-acl

policy-map inside-policy
class redirect-class
sfr fail-open

service-policy inside-policy global
```

What is a result of the configuration?

- A. Traffic from the DMZ network is redirected.
- B. Traffic from the inside network is redirected.
- C. All TCP traffic is redirected.
- D. Traffic from the inside and DMZ networks is redirected.

**Answer:** D

### NEW QUESTION 103

Which feature within Cisco Umbrella allows for the ability to inspect secure HTTP traffic?

- A. File Analysis
- B. SafeSearch
- C. SSL Decryption
- D. Destination Lists

**Answer:** C

NEW QUESTION 107

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