

## Exam Questions 350-701

Implementing and Operating Cisco Security Core Technologies

<https://www.2passeasy.com/dumps/350-701/>



### NEW QUESTION 1

Which feature requires a network discovery policy on the Cisco Firepower Next Generation Intrusion Prevention System?

- A. security intelligence
- B. impact flags
- C. health monitoring
- D. URL filtering

**Answer:** A

### NEW QUESTION 2

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 3

Which two capabilities does TAXII support? (Choose two.)

- A. exchange
- B. pull messaging
- C. binding
- D. correlation
- E. mitigating

**Answer:** BC

### NEW QUESTION 4

An administrator wants to ensure that all endpoints are compliant before users are allowed access on the corporate network. The endpoints must have the corporate antivirus application installed and be running the latest build of Windows 10. What must the administrator implement to ensure that all devices are compliant before they are allowed on the network?

- A. Cisco Identity Services Engine and AnyConnect Posture module
- B. Cisco Stealthwatch and Cisco Identity Services Engine integration
- C. Cisco ASA firewall with Dynamic Access Policies configured
- D. Cisco Identity Services Engine with PxGrid services enabled

**Answer:** A

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/security/vpn\\_client/anyconnect/anyconnect46/administration/guide/b\\_AnyConnect\\_Administrator\\_Guide\\_4-6/configure-posture.html](https://www.cisco.com/c/en/us/td/docs/security/vpn_client/anyconnect/anyconnect46/administration/guide/b_AnyConnect_Administrator_Guide_4-6/configure-posture.html)

### NEW QUESTION 5

What are two Detection and Analytics Engines of Cognitive Threat Analytics? (Choose two.)

- A. data exfiltration
- B. command and control communication
- C. intelligent proxy
- D. snort
- E. URL categorization

**Answer:** AB

**Explanation:**

Reference: <https://www.cisco.com/c/dam/en/us/products/collateral/security/cognitive-threat-analytics/at-a-glance-c45-736555.pdf>

**NEW QUESTION 6**

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 7**

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 8**

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 9**

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 10**

What does the Cloudlock Apps Firewall do to mitigate security concerns from an application perspective?

- A. It allows the administrator to quarantine malicious files so that the application can function, just not maliciously.
- B. It discovers and controls cloud apps that are connected to a company's corporate environment.
- C. It deletes any application that does not belong in the network.
- D. It sends the application information to an administrator to act on.

**Answer:** B

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/products/security/cloudlock/index.html#~features>

**NEW QUESTION 10**

Which two probes are configured to gather attributes of connected endpoints using Cisco Identity Services Engine? (Choose two.)

- A. RADIUS
- B. TACACS+
- C. DHCP
- D. sFlow
- E. SMTP

**Answer:** AC



**Explanation:**

Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_prof\\_pol.html](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_prof_pol.html)

**NEW QUESTION 11**

**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**

What are the two most commonly used authentication factors in multifactor authentication? (Choose two.)

- A. biometric factor
- B. time factor
- C. confidentiality factor
- D. knowledge factor
- E. encryption factor

**Answer:** AD

**NEW QUESTION 17**

**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

How does Cisco Umbrella archive logs to an enterprise- owned storage?

- A. by using the Application Programming Interface to fetch the logs
- B. by sending logs via syslog to an on-premises or cloud-based syslog server
- C. by the system administrator downloading the logs from the Cisco Umbrella web portal
- D. by being configured to send logs to a self-managed AWS S3 bucket

**Answer:** D

#### Explanation:

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

#### NEW QUESTION 24

In which cloud services model is the tenant responsible for virtual machine OS patching?

- A. IaaS
- B. UCaaS
- C. PaaS
- D. SaaS

**Answer:** A

#### Explanation:

Reference: <https://www.cmswire.com/cms/information-management/cloud-service-models-iaas-saas-paas-how-microsoft-office-365-azure-fit-in-021672.php>

#### NEW QUESTION 26

Which two descriptions of AES encryption are true? (Choose two.)

- A. AES is less secure than 3DES.
- B. AES is more secure than 3DES.
- C. AES can use a 168-bit key for encryption.
- D. AES can use a 256-bit key for encryption.
- E. AES encrypts and decrypts a key three times in sequence.

**Answer:** BD

#### Explanation:

Reference: [https://gpdb.docs.pivotal.io/43190/admin\\_guide/topics/ipsec.html](https://gpdb.docs.pivotal.io/43190/admin_guide/topics/ipsec.html)

#### NEW QUESTION 30

Which statement about the configuration of Cisco ASA NetFlow v9 Secure Event Logging is true?

- A. To view bandwidth usage for NetFlow records, the QoS feature must be enabled.
- B. A sysopt command can be used to enable NSEL on a specific interface.
- C. NSEL can be used without a collector configured.
- D. A flow-export event type must be defined under a policy.

**Answer:** D

#### NEW QUESTION 31

An engineer configured a new network identity in Cisco Umbrella but must verify that traffic is being routed through the Cisco Umbrella network. Which action tests the routing?

- A. Ensure that the client computers are pointing to the on-premises DNS servers.
- B. Enable the Intelligent Proxy to validate that traffic is being routed correctly.



- C. Add the public IP address that the client computers are behind to a Core Identity.
- D. Browse to <http://welcome.umbrella.com/> to validate that the new identity is working.

**Answer:** B

### NEW QUESTION 33

What is a language format designed to exchange threat intelligence that can be transported over the TAXII protocol?

- A. STIX
- B. XMPP
- C. pxGrid
- D. SMTP

**Answer:** A

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/security/web\\_security/scancenter/administrator/guide/b\\_ScanCenter\\_Administrator\\_Guide/b\\_ScanCenter\\_Administrator\\_Guide\\_chapter\\_0100011.pdf](https://www.cisco.com/c/en/us/td/docs/security/web_security/scancenter/administrator/guide/b_ScanCenter_Administrator_Guide/b_ScanCenter_Administrator_Guide_chapter_0100011.pdf)

### NEW QUESTION 34

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 39

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 43

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 45

How is ICMP used as an exfiltration technique?

- A. by flooding the destination host with unreachable packets
- B. by sending large numbers of ICMP packets with a targeted host's source IP address using an IP broadcast address
- C. by encrypting the payload in an ICMP packet to carry out command and control tasks on a compromised host
- D. by overwhelming a targeted host with ICMP echo-request packets

**Answer:** C

### NEW QUESTION 47

What is the difference between deceptive phishing and spear phishing?

- A. Deceptive phishing is an attack aimed at a specific user in the organization who holds a C-level role.
- B. A spear phishing campaign is aimed at a specific person versus a group of people.
- C. Spear phishing is when the attack is aimed at the C-level executives of an organization.
- D. Deceptive phishing hijacks and manipulates the DNS server of the victim and redirects the user to a false webpage.

**Answer:** B

### NEW QUESTION 48

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 53**

Which two behavioral patterns characterize a ping of death attack? (Choose two.)

- A. The attack is fragmented into groups of 16 octets before transmission.
- B. The attack is fragmented into groups of 8 octets before transmission.
- C. Short synchronized bursts of traffic are used to disrupt TCP connections.
- D. Malformed packets are used to crash systems.
- E. Publicly accessible DNS servers are typically used to execute the attack.

**Answer:** BD

**Explanation:**

Reference: [https://en.wikipedia.org/wiki/Ping\\_of\\_death](https://en.wikipedia.org/wiki/Ping_of_death)

**NEW QUESTION 56**

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 antispyware software.
- E. Implement email filtering techniques.

**Answer:** AE

**NEW QUESTION 58**

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 59**

Under which two circumstances is a CoA issued? (Choose two.)

- A. A new authentication rule was added to the policy on the Policy Service node.
- B. An endpoint is deleted on the Identity Service Engine server.
- C. A new Identity Source Sequence is created and referenced in the authentication policy.
- D. An endpoint is profiled for the first time.
- E. A new Identity Service Engine server is added to the deployment with the Administration persona.

**Answer:** BD

**Explanation:**

Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_prof\\_pol.html](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_prof_pol.html)

**NEW QUESTION 64**

An engineer used a posture check on a Microsoft Windows endpoint and discovered that the MS17-010 patch was not installed, which left the endpoint vulnerable to WannaCry ransomware. Which two solutions mitigate the risk of this ransomware infection? (Choose two.)

- A. Configure a posture policy in Cisco Identity Services Engine to install the MS17-010 patch before allowing access on the network.
- B. Set up a profiling policy in Cisco Identity Service Engine to check and endpoint patch level before allowing access on the network.
- C. Configure a posture policy in Cisco Identity Services Engine to check that an endpoint patch level is met before allowing access on the network.
- D. Configure endpoint firewall policies to stop the exploit traffic from being allowed to run and replicate throughout the network.
- E. Set up a well-defined endpoint patching strategy to ensure that endpoints have critical vulnerabilities patched in a timely fashion.

**Answer:** AC

**NEW QUESTION 66**

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 68

Which two features are used to configure Cisco ESA with a multilayer approach to fight viruses and malware? (Choose two.)

- A. Sophos engine
- B. white list
- C. RAT
- D. outbreak filters
- E. DLP

**Answer:** AD

#### NEW QUESTION 71

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 74

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 79

In a PaaS model, which layer is the tenant responsible for maintaining and patching?

- A. hypervisor
- B. virtual machine
- C. network
- D. application

**Answer:** D

#### Explanation:

Reference: <https://www.bmc.com/blogs/saas-vs-paas-vs-iaas-whats-the-difference-and-how-to-choose/>

#### NEW QUESTION 82

An engineer is configuring AMP for endpoints and wants to block certain files from executing. Which outbreak control method is used to accomplish this task?

- A. device flow correlation
- B. simple detections
- C. application blocking list
- D. advanced custom detections

**Answer:** C

#### NEW QUESTION 84

Which ASA deployment mode can provide separation of management on a shared appliance?

- A. DMZ multiple zone mode
- B. transparent firewall mode
- C. multiple context mode
- D. routed mode

**Answer:** C

#### NEW QUESTION 88

What provides visibility and awareness into what is currently occurring on the network?

- A. CMX



- B. WMI
- C. Prime Infrastructure
- D. Telemetry

**Answer:** C

#### NEW QUESTION 93

An engineer must force an endpoint to re-authenticate an already authenticated session without disrupting the endpoint to apply a new or updated policy from ISE. Which CoA type achieves this goal?

- A. Port Bounce
- B. CoA Terminate
- C. CoA Reauth
- D. CoA Session Query

**Answer:** C

#### NEW QUESTION 94

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 98

Which two prevention techniques are used to mitigate SQL injection attacks? (Choose two.)

- A. Check integer, float, or Boolean string parameters to ensure accurate values.
- B. Use prepared statements and parameterized queries.
- C. Secure the connection between the web and the app tier.
- D. Write SQL code instead of using object-relational mapping libraries.
- E. Block SQL code execution in the web application database login.

**Answer:** AB

#### Explanation:

Reference: [https://en.wikipedia.org/wiki/SQL\\_injection](https://en.wikipedia.org/wiki/SQL_injection)

#### NEW QUESTION 102

How does Cisco Stealthwatch Cloud provide security for cloud environments?

- A. It delivers visibility and threat detection.
- B. It prevents exfiltration of sensitive data.
- C. It assigns Internet-based DNS protection for clients and servers.
- D. It facilitates secure connectivity between public and private networks.

**Answer:** A

#### Explanation:

<https://www.content.shi.com/SHIcom/ContentAttachmentImages/SharedResources/FBLP/Cisco/Cisco-091919-Simple-IT-Whitepaper.pdf>

#### NEW QUESTION 105

The main function of northbound APIs in the SDN architecture is to enable communication between which two areas of a network?

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

**Answer:** D

#### NEW QUESTION 109

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 112

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 117

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