

# Cisco

## Exam Questions 350-701

Implementing and Operating Cisco Security Core Technologies



### 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.

```
aaa new-model
radius-server host 10.0.0.12 key secret12
```

Which statement about the authentication protocol used in the configuration is true?

- A. The authentication request contains only a password
- B. The authentication request contains only a username
- C. The authentication and authorization requests are grouped in a single packet.
- D. There are separate authentication and authorization request packets.

**Answer: C**

### NEW QUESTION 3

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 4

An engineer is configuring a Cisco ESA and wants to control whether to accept or reject email messages to a recipient address. Which list contains the allowed recipient addresses?

- A. SAT
- B. BAT
- C. HAT
- D. RAT

**Answer: D**

### NEW QUESTION 5

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

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

**Answer:** BC

#### NEW QUESTION 6

Which policy represents a shared set of features or parameters that define the aspects of a managed device that are likely to be similar to other managed devices in a deployment?

- A. group policy
- B. access control policy
- C. device management policy
- D. platform service policy

**Answer:** D

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/security/firepower/622/configuration/guide/fpmc-config-guide-v622/platform\\_settings\\_policies\\_for\\_managed\\_devices.pdf](https://www.cisco.com/c/en/us/td/docs/security/firepower/622/configuration/guide/fpmc-config-guide-v622/platform_settings_policies_for_managed_devices.pdf)

#### NEW QUESTION 7

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 8

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 9

Which two conditions are prerequisites for stateful failover for IPsec? (Choose two.)

- A. Only the IKE configuration that is set up on the active device must be duplicated on the standby device; the IPsec configuration is copied automatically.
- B. The active and standby devices can run different versions of the Cisco IOS software but must be the same type of device.
- C. The IPsec configuration that is set up on the active device must be duplicated on the standby device.
- D. Only the IPsec configuration that is set up on the active device must be duplicated on the standby device; the IKE configuration is copied automatically.
- E. The active and standby devices must run the same version of the Cisco IOS software and must be the same type of device.

**Answer:** BC

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec\\_conn\\_vpnnav/configuration/15-mt/sec-vpn-availability-15-mt-book/sec-state-fail-ipsec.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_vpnnav/configuration/15-mt/sec-vpn-availability-15-mt-book/sec-state-fail-ipsec.html)

#### NEW QUESTION 10

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 10

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 14**

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 15**

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 17**

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 21**

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 26**

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 27**

Which benefit does endpoint security provide the overall security posture of an organization?

- A. It streamlines the incident response process to automatically perform digital forensics on the endpoint.
- B. It allows the organization to mitigate web-based attacks as long as the user is active in the domain.
- C. It allows the organization to detect and respond to threats at the edge of the network.
- D. It allows the organization to detect and mitigate threats that the perimeter security devices do not detect.

**Answer:** D

#### NEW QUESTION 29

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 30

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 32

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 35

What is a characteristic of Dynamic ARP Inspection?

- A. DAI determines the validity of an ARP packet based on valid IP to MAC address bindings from the DHCP snooping binding database.
- B. In a typical network, make all ports as trusted except for the ports connecting to switches, which are untrusted.
- C. DAI associates a trust state with each switch.
- D. DAI intercepts all ARP requests and responses on trusted ports only.

**Answer:** A

#### NEW QUESTION 38

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 43

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 46

Which ID store requires that a shadow user be created on Cisco ISE for the admin login to work?



- A. RSA SecureID
- B. Internal Database
- C. Active Directory
- D. LDAP

**Answer:** C

#### NEW QUESTION 48

An engineer needs a solution for TACACS+ authentication and authorization for device administration. The engineer also wants to enhance wired and wireless network security by requiring users and endpoints to use 802.1X, MAB, or WebAuth. Which product meets all of these requirements?

- A. Cisco Prime Infrastructure
- B. Cisco Identity Services Engine
- C. Cisco Stealthwatch
- D. Cisco AMP for Endpoints

**Answer:** B

#### NEW QUESTION 49

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 52

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 53

Which SNMPv3 configuration must be used to support the strongest security possible?

- A. asa-host(config)#snmp-server group myv3 v3 priv asa-host(config)#snmp-server user andy myv3 auth sha cisco priv des ciscXXXXXXXXX asa-host(config)#snmp-server host inside 10.255.254.1 version 3 andy
- B. asa-host(config)#snmp-server group myv3 v3 noauth asa-host(config)#snmp-server user andy myv3 auth sha cisco priv aes 256 ciscXXXXXXXXX asa-host(config)#snmp-server host inside 10.255.254.1 version 3 andy
- C. asa-host(config)#snmp-server group myv3 v3 noauth asa-host(config)#snmp-server user andy myv3 auth sha cisco priv 3des ciscXXXXXXXXXasa-host(config)#snmp-server host inside 10.255.254.1 version 3 andy
- D. asa-host(config)#snmp-server group myv3 v3 priv asa-host(config)#snmp-server user andy myv3 auth sha cisco priv aes 256 ciscXXXXXXXXX asa-host(config)#snmp-server host inside 10.255.254.1 version 3 andy

**Answer:** D

#### NEW QUESTION 54

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 57

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 60**

**DRAG DROP**

Drag and drop the steps from the left into the correct order on the right to enable AppDynamics to monitor an EC2 instance in Amazon Web Services.

Install monitoring extension for AWS EC2.	step 1
Restart the Machine Agent.	step 2
Update config.yaml.	step 3
Configure a Machine Agent or SIM Agent.	step 4

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Configure a Machine Agent or SIM Agent.
Install monitoring extension for AWS EC2.
Update config.yaml.
Restart the Machine Agent.

**NEW QUESTION 61**

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 62**

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 67**

Which cloud service model offers an environment for cloud consumers to develop and deploy applications without needing to manage or maintain the underlying cloud infrastructure?

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

**Answer:** A

**NEW QUESTION 69**

What is a required prerequisite to enable malware file scanning for the Secure Internet Gateway?

- A. Enable IP Layer enforcement.

- B. Activate the Advanced Malware Protection license
- C. Activate SSL decryption.
- D. Enable Intelligent Proxy.

**Answer:** D

#### NEW QUESTION 72

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 73

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 75

What is the primary difference between an Endpoint Protection Platform and an Endpoint Detection and Response?

- A. EPP focuses on prevention, and EDR focuses on advanced threats that evade perimeter defenses.
- B. EDR focuses on prevention, and EPP focuses on advanced threats that evade perimeter defenses.
- C. EPP focuses on network security, and EDR focuses on device security.
- D. EDR focuses on network security, and EPP focuses on device security.

**Answer:** A

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/products/security/endpoint-security/what-is-endpoint-detection-response-edr.html>

#### NEW QUESTION 78

What is a characteristic of traffic storm control behavior?

- A. Traffic storm control drops all broadcast and multicast traffic if the combined traffic exceeds the level within the interval.
- B. Traffic storm control cannot determine if the packet is unicast or broadcast.
- C. Traffic storm control monitors incoming traffic levels over a 10-second traffic storm control interval.
- D. Traffic storm control uses the Individual/Group bit in the packet source address to determine if the packet is unicast or broadcast.

**Answer:** A

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/td/docs/routers/7600/ios/12-1E/configuration/guide/storm.html>

#### NEW QUESTION 80

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

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 86

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 90

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 91

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 93

Which information is required when adding a device to Firepower Management Center?

- A. username and password
- B. encryption method
- C. device serial number
- D. registration key

**Answer:** D

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-config-guide-v60/Device\\_Management\\_Basics.html#ID-2242-0000069d](https://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-config-guide-v60/Device_Management_Basics.html#ID-2242-0000069d)

#### NEW QUESTION 98

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