

Exam Questions 350-701

Implementing and Operating Cisco Security Core Technologies

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NEW QUESTION 1

Which two preventive measures are used to control cross-site scripting? (Choose two.)

- A. Enable client-side scripts on a per-domain basis.
- B. Incorporate contextual output encoding/escaping.
- C. Disable cookie inspection in the HTML inspection engine.
- D. Run untrusted HTML input through an HTML sanitization engine.
- E. SameSite cookie attribute should not be used.

Answer: AB

NEW QUESTION 2

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 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

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

NEW QUESTION 5

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

NEW QUESTION 6

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_vpnav/configuration/15-mt/sec-vpn-availability-15-mt-book/sec-state-fail-ipsec.html

NEW QUESTION 7

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

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

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

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 10

What is the result of running the crypto isakmp key ciscXXXXXXXX address 172.16.0.0 command?

- A. authenticates the IKEv2 peers in the 172.16.0.0/16 range by using the key ciscXXXXXXXX
- B. authenticates the IP address of the 172.16.0.0/32 peer by using the key ciscXXXXXXXX
- C. authenticates the IKEv1 peers in the 172.16.0.0/16 range by using the key ciscXXXXXXXX
- D. secures all the certificates in the IKE exchange by using the key ciscXXXXXXXX

Answer: B

Explanation:

Reference: <https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/security/a1/sec-a1-cr-book/sec-cr-c4.html#wp6039879000>

NEW QUESTION 13

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

NEW QUESTION 17

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

NEW QUESTION 20

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 22

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

NEW QUESTION 26

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 29

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 32

Which technology is used to improve web traffic performance by proxy caching?

- A. WSA
- B. Firepower
- C. FireSIGHT
- D. ASA

Answer: A

NEW QUESTION 37

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 42

Which command enables 802.1X globally on a Cisco switch?

- A. dot1x system-auth-control
- B. dot1x pae authenticator
- C. authentication port-control auto
- D. aaa new-model

Answer: A

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/routers/nfvis/switch_command/b-nfvis-switch-command-reference/802_1x_commands.html

NEW QUESTION 47

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 51

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 56

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 60

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 63

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 67

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 68

Which API is used for Content Security?

- A. NX-OS API
- B. IOS XR API
- C. OpenVuln API
- D. AsyncOS API

Answer: D

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/security/security_management/sma/sma12-0/api/b_SMA_API_12/test_chapter_01.html

NEW QUESTION 73

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

NEW QUESTION 76

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

NEW QUESTION 81

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 82

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 84

Which Talos reputation center allows you to track the reputation of IP addresses for email and web traffic?

- A. IP Blacklist Center
- B. File Reputation Center
- C. AMP Reputation Center
- D. IP and Domain Reputation Center

Answer: D

NEW QUESTION 86

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

NEW QUESTION 91

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 92

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 97

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 101

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 102

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 107

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 111

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 114

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 117

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 119

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 123

Which two deployment model configurations are supported for Cisco FTDv in AWS? (Choose two.)

- A. Cisco FTDv configured in routed mode and managed by an FMCv installed in AWS
- B. Cisco FTDv with one management interface and two traffic interfaces configured
- C. Cisco FTDv configured in routed mode and managed by a physical FMC appliance on premises
- D. Cisco FTDv with two management interfaces and one traffic interface configured
- E. Cisco FTDv configured in routed mode and IPv6 configured

Answer: AC

Explanation:

Reference: <https://www.cisco.com/c/en/us/products/collateral/security/adaptive-security-virtual-appliance-asav/white-paper-c11-740505.html>

NEW QUESTION 126

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 131

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 132

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/xr-3se/3850/sec-user-8021x-xr-3se-3850-book/config-ieee-802x-pba.html

NEW QUESTION 136

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

NEW QUESTION 141

Which two application layer preprocessors are used by Firepower Next Generation Intrusion Prevention System? (Choose two.)

- A. SIP
- B. inline normalization
- C. SSL
- D. packet decoder
- E. modbus

Answer: AC

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-config-guide-v60/Application_Layer_Preprocessors.html

NEW QUESTION 144

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

NEW QUESTION 146

Which two services must remain as on-premises equipment when a hybrid email solution is deployed? (Choose two.)

- A. DDoS
- B. antispam
- C. antivirus
- D. encryption
- E. DLP

Answer: DE

Explanation:

Reference: https://www.cisco.com/c/dam/en/us/td/docs/security/ces/overview_guide/Cisco_Cloud_Hybrid_Email_Security_Overview_Guide.pdf

NEW QUESTION 149

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