Cisco

Exam Questions 350-701

Implementing and Operating Cisco Security Core Technologies

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
Which policy is used to capture host information on the Cisco Firepower Next Generation Intrusion Prevention System?

A. correlation
B. intrusion
C. access control
D. network discovery

Answer: D

NEW QUESTION 3
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 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

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
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 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
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 9
Which exfiltration method does an attacker use to hide and encode data inside DNS requests and queries?

A. DNS tunneling
B. DNSCrypt
C. DNS security
D. DNSSEC

Answer: A

Explanation:
Reference: https://learn-umbrella.cisco.com/cloud-security/dns-tunneling

NEW QUESTION 10
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 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 11
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 12
DRAG DROP
Drag and drop the Firepower Next Generation Intrustion 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 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
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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 18
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 21
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 25
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

NEW QUESTION 28
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
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

NEW QUESTION 34
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 39
DRAG DROP
Drag and drop the descriptions from the left onto the correct protocol versions on the right.
[MISSING]

A. Mastered
B. Not Mastered

Answer: A

Explanation:
[MISSING]

NEW QUESTION 40
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 42
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 43
What is the difference between deceptive phishing and spear phishing?

A. Deceptive phishing is an attacked 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 47
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 52
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 54
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 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 ciscXXXXXXXX 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 ciscXXXXXXXX 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 ciscXXXXXXXXasa-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 ciscXXXXXXXX asa-host(config)#snmp-server host inside 10.255.254.1 version 3 andy

Answer: D

NEW QUESTION 63
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 68
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 72
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 77
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.

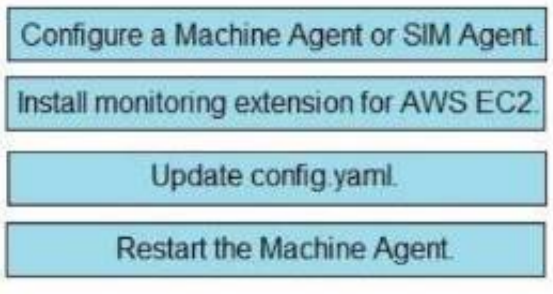
Answer: AC

NEW QUESTION 80
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 85
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 86
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 90
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 92
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

NEW QUESTION 94
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 95
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 96
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 97
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 98
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 101
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 102
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 104
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 108
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 109
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 112
What is a characteristic of Cisco ASA Netflow v9 Secure Event Logging?

A. It tracks flow-create, flow-teardown, and flow-denied events.
B. It provides stateless IP flow tracking that exports all records of a specific flow.
C. It tracks the flow continuously and provides updates every 10 seconds.
D. Its events match all traffic classes in parallel.

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/asa/asa92/configuration/general/asa-general-cli/monitor-nsel.html

NEW QUESTION 116
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 120
Which two kinds of attacks are prevented by multifactor authentication? (Choose two.)

A. phishing
B. brute force
C. man-in-the-middle
D. DDOS
E. tear drop

Answer: BC

NEW QUESTION 121
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