Cisco

Exam Questions 350-701

Implementing and Operating Cisco Security Core Technologies

NEW QUESTION 1
- (Exam Topic 2)
A network administrator is configuring SNMPv3 on a new router. The users have already been created; however, an additional configuration is needed to facilitate access to the SNMP views. What must the administrator do to accomplish this?

A. map SNMPv3 users to SNMP views
B. set the password to be used for SNMPv3 authentication
C. define the encryption algorithm to be used by SNMPv3
D. specify the UDP port used by SNMP

Answer: B

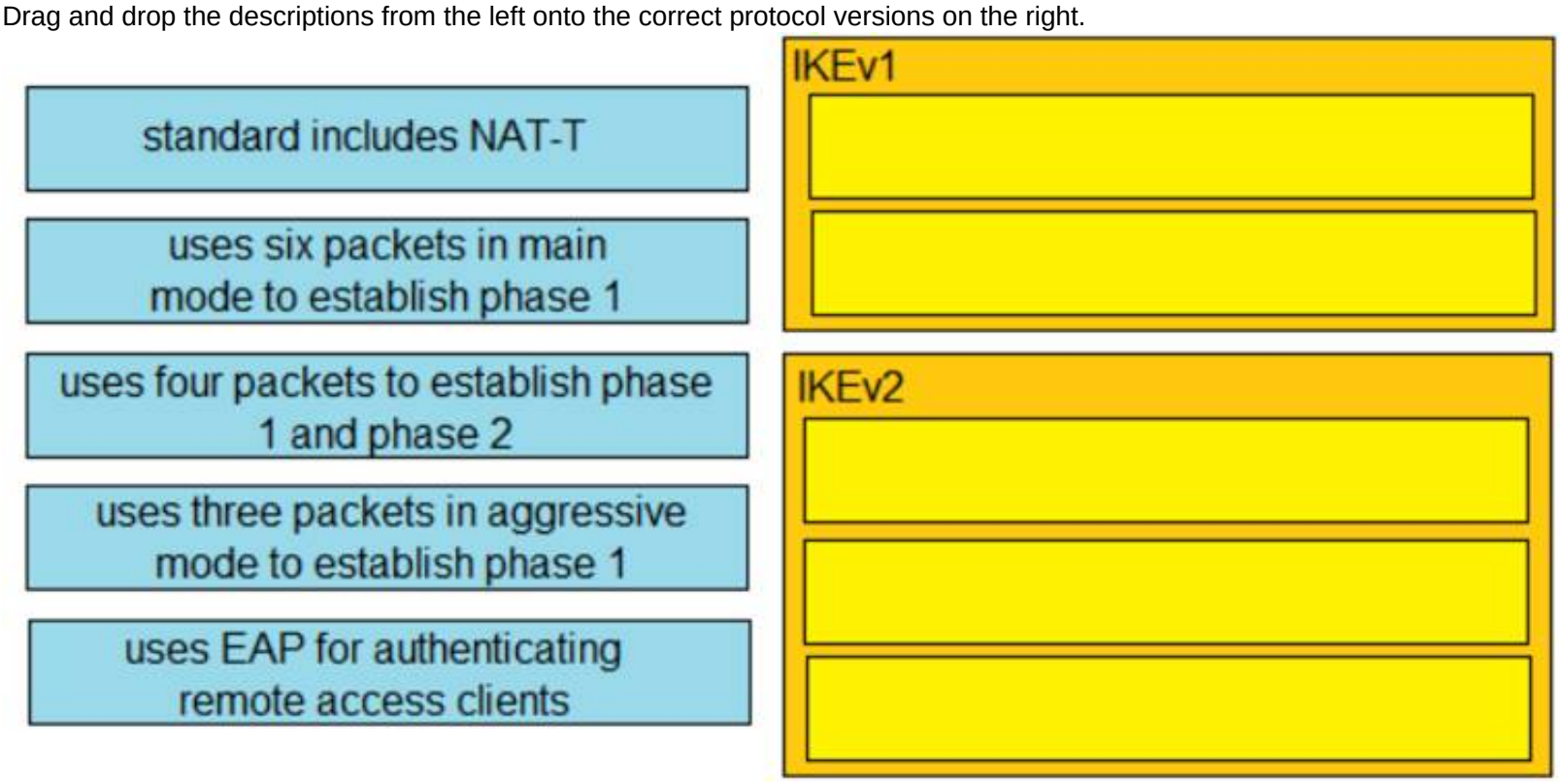
NEW QUESTION 2
- (Exam Topic 2)
What does Cisco AMP for Endpoints use to help an organization detect different families of malware?

A. Ethos Engine to perform fuzzy fingerprinting
B. Tetra Engine to detect malware when me endpoint is connected to the cloud
C. Clam AV Engine to perform email scanning
D. Spero Engine with machine learning to perform dynamic analysis

Answer: A

Explanation:
Reference: https://docs.amp.cisco.com/AMP%20for%20Endpoints%20User%20Guide.pdfETHOS = Fuzzy Fingerprinting using static/passive heuristics
Reference: https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2016/pdf/BRKSEC-2139.pdf

NEW QUESTION 3
- (Exam Topic 2)
Drag and drop the descriptions from the left onto the correct protocol versions on the right.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface Description automatically generated with low confidence

NEW QUESTION 4
- (Exam Topic 2)
What is a benefit of conducting device compliance checks?

A. It indicates what type of operating system is connecting to the network.
B. It validates if anti-virus software is installed.
C. It scans endpoints to determine if malicious activity is taking place.
D. It detects email phishing attacks.

Answer: B

NEW QUESTION 5
- (Exam Topic 2)
Using Cisco Firepower's Security Intelligence policies, upon which two criteria is Firepower block based? (Choose two)

A. URLs
B. protocol IDs
C. IP addresses
D. MAC addresses
E. port numbers

Answer: AC

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/firepower/623/configuration/guide/fpmc-configguide-v623/secu

NEW QUESTION 6
- (Exam Topic 2)
Drag and drop the Firepower Next Generation Intrusion Prevention System detectors from the left onto the correct definitions on the right.

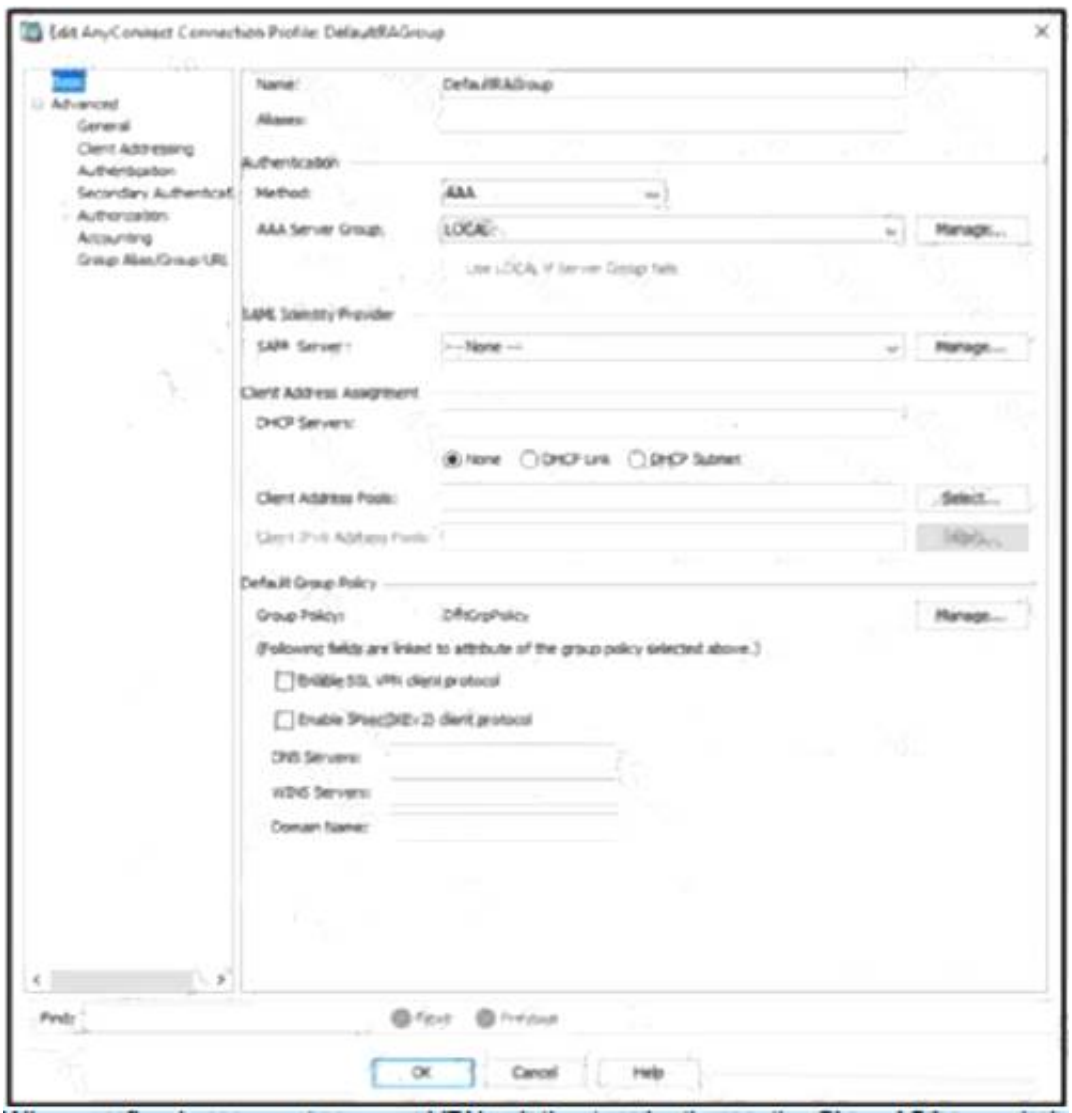
PortScan Detection	many-to-one PortScan in which multiple hosts query a single host for open ports
Port Sweep	one-to-one PortScan, attacker mixes spoofed source IP addresses with the actual scanning IP address
Decoy PortScan	one-to-many port sweep, an attacker against one or a few hosts to scan a single 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:
A picture containing table Description automatically generated

NEW QUESTION 7
- (Exam Topic 2)
Refer to the exhibit.



When configuring a remote access VPN solution terminating on the Cisco ASA, an administrator would like to utilize an external token authentication mechanism in conjunction with AAA authentication using machine
certificates. Which configuration item must be modified to allow this?

A. Group Policy
B. Method

C. SAML Server
D. DHCP Servers

Answer: B

Explanation:
In order to use AAA along with an external token authentication mechanism, set the “Method” as “Both” inthe Authentication.

NEW QUESTION 8
- (Exam Topic 2)
An engineer has enabled LDAP accept queries on a listener. Malicious actors must be prevented from quickly identifying all valid recipients. What must be done on the Cisco ESA to accomplish this goal?

A. Configure incoming content filters
B. Use Bounce Verification
C. Configure Directory Harvest Attack Prevention
D. Bypass LDAP access queries in the recipient access table

Answer: C

Explanation:
A Directory Harvest Attack (DHA) is a technique used by spammers to find valid/existent email addresses at a domain either by using Brute force or by guessing valid e-mail addresses at a domain using differentpermutations of common username. Its easy for attackers to get hold of a valid email address if yourorganization uses standard format for official e-mail alias (for example: jsmith@example.com). We canconfigure DHA Prevention to prevent malicious actors from quickly identifying valid recipients.Note: Lightweight Directory Access Protocol (LDAP) is an Internet protocol that email programs use to look up contact information from a server, such as ClickMail Central Directory. For example, here’s an LDAP search translated into plain English: “Search for all people located in Chicago who’s name contains “Fred” that have an email address. Please return their full name, email, title, and description.

NEW QUESTION 9
- (Exam Topic 2)
In which situation should an Endpoint Detection and Response solution be chosen versus an Endpoint Protection Platform?

A. when there is a need for traditional anti-malware detection
B. when there is no need to have the solution centrally managed
C. when there is no firewall on the network
D. when there is a need to have more advanced detection capabilities

Answer: D

Explanation:
Endpoint protection platforms (EPP) prevent endpoint security threats like known and unknown malware.Endpoint detection and response (EDR) solutions can detect and respond to threats that your EPP and other security tools did not catch.EDR and EPP have similar goals but are designed to fulfill different purposes. EPP is designed to providedevice-level protection by identifying malicious files, detecting potentially malicious activity, and providing tools for incident investigation and response.The preventative nature of EPP complements proactive EDR. EPP acts as the first line of defense, filtering out attacks that can be detected by the organization’s deployed security solutions. EDR acts as a second layer of protection, enabling security analysts to perform threat hunting and identify more subtle threats to the endpoint.Effective endpoint defense requires a solution that integrates the capabilities of both EDR and EPP to provide protection against cyber threats without overwhelming an organization’s security team.

NEW QUESTION 10
- (Exam Topic 2)
What is a benefit of using Cisco FMC over Cisco ASDM?

A. Cisco FMC uses Java while Cisco ASDM uses HTML5.
B. Cisco FMC provides centralized management while Cisco ASDM does not.
C. Cisco FMC supports pushing configurations to devices while Cisco ASDM does not.
D. Cisco FMC supports all firewall products whereas Cisco ASDM only supports Cisco ASA devices

Answer: B

Explanation:
Reference:
https://www.cisco.com/c/en/us/products/collateral/security/firesight-management-center/datasheetc78-736775.ht

NEW QUESTION 10
- (Exam Topic 1)
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/collateral/cloud-systems-management/dna-center/nb-06- cisco-dna-center-aag-cte-en.html

NEW QUESTION 14
- (Exam Topic 1)
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

Explanation:
Reference: https://www.cisco.com/c/en/us/products/security/what-is-multi-factor-authentication.htmlThe two most popular authentication factors are knowledge and inherent (including biometrics like fingerprint,face, and retina scans. Biometrics is used commonly in mobile devices).

NEW QUESTION 15
- (Exam Topic 1)
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 17
- (Exam Topic 1)
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 21
- (Exam Topic 1)
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

Explanation:
This command uses RADIUS which combines authentication and authorization in one function (packet).

NEW QUESTION 23
- (Exam Topic 1)
What is the function of the Context Directory Agent?

A. maintains users' group memberships
B. relays user authentication requests from Web Security Appliance to Active Directory
C. reads the Active Directory logs to map IP addresses to usernames
D. accepts user authentication requests on behalf of Web Security Appliance for user identification

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/ibf/cda_10/Install_Config_guide/cda10/cda_oveviw.html

NEW QUESTION 24
- (Exam Topic 1)
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

NEW QUESTION 28
- (Exam Topic 1)
Which technology is used to improve web traffic performance by proxy caching?

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

Answer: A

NEW QUESTION 32
- (Exam Topic 1)
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

NEW QUESTION 35
- (Exam Topic 1)
A network administrator configures Dynamic ARP Inspection on a switch. After Dynamic ARP Inspection is applied, all users on that switch are unable to communicate with any destination. The network administrator checks the interface status of all interfaces, and there is no err-disabled interface. What is causing this problem?

A. DHCP snooping has not been enabled on all VLANs.
B. The ip arp inspection limit command is applied on all interfaces and is blocking the traffic of all users.
C. Dynamic ARP Inspection has not been enabled on all VLANs
D. The no ip arp inspection trust command is applied on all user host interfaces

Answer: D

Explanation:
Dynamic ARP inspection (DAI) is a security feature that validates ARP packets in a network. It intercepts, logs, and discards ARP packets with invalid IP-to-MAC address bindings. This capability protects the network from certain man-in-the-middle attacks. After enabling DAI, all ports become untrusted ports.

NEW QUESTION 39
- (Exam Topic 1)
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 41
- (Exam Topic 1)
Refer to the exhibit.

```
import requests

client_id = 'a1b2c3d4e5f6g7h8i9j0'

api_key = 'a1b2c3d4-e5f6-g7h8-i9j0-k1l2m3n4o5p6'

url = 'https://api.amp.cisco.com/v1/computers'

response = requests.get(url, auth=(client_id, api_key))

response_json = response.json()

for computer in response_json['data']:
    network_addresses = computer['network_addresses']
    for network_interface in network_addresses:
            mac = network_interface.get('mac')
            ip = network_interface.get('ip')
            ipv6 = network_interface.get('ipv6')
            print(mac, ip, ipv6)
```

What does the API do when connected to a Cisco security appliance?

A. get the process and PID information from the computers in the network
B. create an SNMP pull mechanism for managing AMP
C. gather network telemetry information from AMP for endpoints
D. gather the network interface information about the computers AMP sees

Answer: D

Explanation:
Reference:
https://api-docs.amp.cisco.com/api_actions/details?api_action=GET+%2Fv1%2Fcomputers&api_host=api.apjc.

NEW QUESTION 46
- (Exam Topic 1)
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 48
- (Exam Topic 1)
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

NEW QUESTION 49
- (Exam Topic 1)
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

NEW QUESTION 50
- (Exam Topic 1)
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: A

Explanation:
SQL injection usually occurs when you ask a user for input, like their username/userid, but the user gives(“injects”) you an SQL statement that you will unknowingly run on your database. For example:Look at the following example, which creates a SELECT statement by adding a variable (txtUserId) to a selectstring. The variable is fetched from user input (getRequestString):txtUserId = getRequestString(“UserId”);txtSQL = “SELECT * FROM Users WHERE UserId = ” + txtUserId;If user enter something like this: “100 OR 1=1” then the SzQL statement will look like this:SELECT * FROM Users WHERE UserId = 100 OR 1=1;The SQL above is valid and will return ALL rows from the “Users” table, since OR 1=1 is always TRUE. Ahacker might get access to all the user names and passwords in this database.

NEW QUESTION 53
- (Exam Topic 1)
What is a feature of the open platform capabilities of Cisco DNA Center?

A. intent-based APIs
B. automation adapters
C. domain integration
D. application adapters

Answer: A

NEW QUESTION 58
- (Exam Topic 1)
Which two fields are defined in the NetFlow flow? (Choose two)

A. type of service byte
B. class of service bits
C. Layer 4 protocol type
D. destination port
E. output logical interface

Answer: AD

Explanation:
Cisco standard NetFlow version 5 defines a flow as a unidirectional sequence of packets that all share seven values which define a unique key for the flow:+ Ingress interface (SNMP ifIndex)+ Source IP address+ Destination IP address+ IP protocol+ Source port for UDP or TCP, 0 for other protocols+ Destination port for UDP or TCP, type and code for ICMP, or 0 for other protocols+ IP Type of ServiceNote: A flow is a unidirectional series of packets between a given source and destination.

NEW QUESTION 63
- (Exam Topic 1)
What must be used to share data between multiple security products?

A. Cisco Rapid Threat Containment
B. Cisco Platform Exchange Grid
C. Cisco Advanced Malware Protection
D. Cisco Stealthwatch Cloud

Answer: B

NEW QUESTION 66
- (Exam Topic 1)
An engineer wants to automatically assign endpoints that have a specific OUI into a new endpoint group.
Which probe must be enabled for this type of profiling to work?

A. NetFlow
B. NMAP
C. SNMP
D. DHCP

Answer: B

Explanation:
Reference:
http://www.network-node.com/blog/2016/1/2/ise-20-profiling

NEW QUESTION 68
- (Exam Topic 1)
In which two ways does a system administrator send web traffic transparently to the Web Security Appliance? (Choose two)

A. configure Active Directory Group Policies to push proxy settings
B. configure policy-based routing on the network infrastructure
C. reference a Proxy Auto Config file
D. configure the proxy IP address in the web-browser settings
E. use Web Cache Communication Protocol

Answer: BE

NEW QUESTION 72
- (Exam Topic 1)
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 ransom ware 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

Explanation:
A posture policy is a collection of posture requirements, which are associated with one or more identity groups, and operating systems. We can configure ISE to check for the Windows patch at Work Centers > Posture > Posture Elements > Conditions > File.In this example, we are going to use the predefined file check to ensure that our Windows 10 clients have the critical security patch installed to prevent the Wanna Cry malware.

NEW QUESTION 75
- (Exam Topic 1)
Which two statements about a Cisco WSA configured in Transparent mode are true? (Choose two)

A. It can handle explicit HTTP requests.
B. It requires a PAC file for the client web browser.
C. It requires a proxy for the client web browser.
D. WCCP v2-enabled devices can automatically redirect traffic destined to port 80.
E. Layer 4 switches can automatically redirect traffic destined to port 80.

Answer: DE

NEW QUESTION 78
- (Exam Topic 1)
Which two tasks allow NetFlow on a Cisco ASA 5500 Series firewall? (Choose two)

A. Enable NetFlow Version 9.
B. Create an ACL to allow UDP traffic on port 9996.
C. Apply NetFlow Exporter to the outside interface in the inbound direction.
D. Create a class map to match interesting traffic.
E. Define a NetFlow collector by using the flow-export command

Answer: CE

NEW QUESTION 83
- (Exam Topic 1)
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 85
- (Exam Topic 1)
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/dam/en/us/td/docs/solutions/CVD/Aug2013/CVDWebSecurityUsingCiscoWSADesign

NEW QUESTION 87
- (Exam Topic 1)
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 91
- (Exam Topic 1)
Which feature of Cisco ASA allows VPN users to be postured against Cisco ISE without requiring an inline posture node?

A. RADIUS Change of Authorization
B. device tracking
C. DHCP snooping
D. VLAN hopping

Answer: A

NEW QUESTION 92
- (Exam Topic 1)
Which solution protects hybrid cloud deployment workloads with application visibility and segmentation?

A. Nexus
B. Stealthwatch
C. Firepower
D. Tetration

Answer: D

NEW QUESTION 94
- (Exam Topic 1)
Which two request of REST API are valid on the Cisco ASA Platform? (Choose two)

A. put
B. options
C. get
D. push
E. connect

Answer: AC

Explanation:
The ASA REST API gives you programmatic access to managing individual ASAs through a Representational State Transfer (REST) API. The API allows external clients to perform CRUD (Create, Read, Update, Delete) operations on ASA resources; it is based on the HTTPS protocol and REST methodology.All API requests are sent over HTTPS to the ASA, and a response is returned.Request StructureAvailable request methods are:GET – Retrieves data from the specified object.PUT – Adds the supplied information to the specified object; returns a 404 Resource Not Found error if the object does not exist.POST – Creates the object with the supplied information.DELETE – Deletes the specified object
Reference: https://www.cisco.com/c/en/us/td/docs/security/asa/api/qsg-asa-api.html

NEW QUESTION 99
- (Exam Topic 1)
A malicious user gained network access by spoofing printer connections that were authorized using MAB on four different switch ports at the same time. What two catalyst switch security features will prevent further violations? (Choose two)

A. DHCP Snooping
B. 802.1AE MacSec
C. Port security
D. IP Device track
E. Dynamic ARP inspection
F. Private VLANs

Answer: AE

NEW QUESTION 103
- (Exam Topic 1)
Refer to the exhibit.

```
SwitchA(config)#interface gigabitethernet1/0/1
SwitchA(config-if)#dot1x host-mode multi-host
SwitchA(config-if)#dot1x timeout quiet-period 3
SwitchA(config-if)#dot1x timeout tx-period 15
SwitchA(config-if)#authentication port-control
auto
SwitchA(config-if)#switchport mode access
SwitchA(config-if)#switchport access vlan 12
```

An engineer configured wired 802.1x on the network and is unable to get a laptop to authenticate. Which port configuration is missing?

A. authentication open
B. dotlx reauthentication
C. cisp enable
D. dot1x pae authenticator

Answer: D

NEW QUESTION 106
- (Exam Topic 1)
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:

A buffer overflow (or buffer overrun) occurs when the volume of data exceeds the storage capacity of the memory buffer. As a result, the program attempting to write the data to the buffer overwrites adjacent memory locations.
Buffer overflow is a vulnerability in low level codes of C and C++. An attacker can cause the program to crash, make data corrupt, steal some private information or run his/her own code. It basically means to access any buffer outside of it's alloted memory space. This happens quite frequently in the case of arrays.

NEW QUESTION 107
- (Exam Topic 1)
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:
The profiling service issues the change of authorization in the following cases:– Endpoint deleted—When an endpoint is deleted from the Endpoints page and the endpoint is disconnectedor removed from the network.An exception action is configured—If you have an exception action configured per profile that leads to anunusual or an unacceptable event from that endpoint. The profiling service moves the endpoint to thecorresponding static profile by issuing a CoA.– An endpoint is profiled for the first time—When an endpoint is not statically assigned and profiled for the first time; for example, the profile changes from an unknown to a known profile.+ An endpoint identity group has changed—When an endpoint is added or removed from an endpoint identity group that is used by an authorization policy.The profiling service issues a CoA when there is any change in an endpoint identity group, and the endpoint identity group is used in the authorization policy for the following:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide

NEW QUESTION 108
- (Exam Topic 1)
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/manage-logs

NEW QUESTION 109
- (Exam Topic 1)
Which action controls the amount of URI text that is stored in Cisco WSA logs files?

A. Configure the datasecurityconfig command
B. Configure the advancedproxyconfig command with the HTTPS subcommand
C. Configure a small log-entry size.
D. Configure a maximum packet size.

Answer: B

NEW QUESTION 114
- (Exam Topic 1)
Which two activities can be done using Cisco DNA Center? (Choose two)

A. DHCP
B. Design
C. Accounting
D. DNS
E. Provision

Answer: BE

Explanation:
Reference: https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/dna-center/nb-06-dna-center-so-cte-en.html

NEW QUESTION 116
- (Exam Topic 1)
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:

TAXII (Trusted Automated Exchange of Indicator Information) is a standard that provides a transport

NEW QUESTION 121
- (Exam Topic 1)
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 126
- (Exam Topic 1)
Which command enables 802.1X globally on a Cisco switch?

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

Answer: A

NEW QUESTION 127
- (Exam Topic 1)

What provides the ability to program and monitor networks from somewhere other than the DNAC GUI?

A. NetFlow
B. desktop client
C. ASDM
D. API

Answer: D

NEW QUESTION 131
- (Exam Topic 1)
Which threat involves software being used to gain unauthorized access to a computer system?

A. virus
B. NTP amplification
C. ping of death
D. HTTP flood

Answer: A

NEW QUESTION 132
- (Exam Topic 1)
Which two are valid suppression types on a Cisco Next Generation Intrusion Prevention System? (Choose two)

A. Port
B. Rule
C. Source
D. Application
E. Protocol

Answer: BC

NEW QUESTION 133
- (Exam Topic 1)
Refer to the exhibit.

```
HQ_Router(config)#username admin5 privilege 5
HQ_Router(config)#privilege interface level 5
shutdown
HQ_Router(config)#privilege interface level 5 ip
HQ_Router(config)#privilege interface level 5
description
```

A network administrator configures command authorization for the admin5 user. What is the admin5 user able to do on HQ_Router after this configuration?

A. set the IP address of an interface
B. complete no configurations
C. complete all configurations
D. add subinterfaces

Answer: B

Explanation:
The user “admin5” was configured with privilege level 5. In order to allow configuration (enter globalconfiguration mode), we must type this command:(config)#privilege exec level 5 configure terminalWithout this command, this user cannot do any configuration.Note: Cisco IOS supports privilege levels from 0 to 15, but the privilege levels which are used by default are privilege level 1 (user EXEC) and level privilege 15 (privilege EXEC)

NEW QUESTION 137
- (Exam Topic 1)
Which solution combines Cisco IOS and IOS XE components to enable administrators to recognize applications, collect and send network metrics to Cisco Prime and other third-party management tools, and
prioritize application traffic?

A. Cisco Security Intelligence
B. Cisco Application Visibility and Control
C. Cisco Model Driven Telemetry
D. Cisco DNA Center

Answer: B

Explanation:

Reference:
https://www.cisco.com/c/en/us/td/docs/ios/solutions_docs/avc/guide/avc-user-guide/avc_tech_overview.html

NEW QUESTION 141
- (Exam Topic 1)
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 142
- (Exam Topic 1)
Which API is used for Content Security?

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

Answer: D

NEW QUESTION 146
- (Exam Topic 1)
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 147
- (Exam Topic 1)
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:
Cisco Stealthwatch Cloud: Available as an SaaS product offer to provide visibility and threat detection within public cloud infrastructures such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP).

NEW QUESTION 148
- (Exam Topic 1)
Which protocol provides the strongest throughput performance when using Cisco AnyConnect VPN?

A. TLSv1.2
B. TLSv1.1
C. BJTLSv1
D. DTLSv1

Answer: D

Explanation:
DTLS is used for delay sensitive applications (voice and video) as its UDP based while TLS is TCP based.Therefore DTLS offers strongest throughput performance. The throughput of DTLS at the time of AnyConnect connection can be expected to have processing performance close to VPN throughput.

NEW QUESTION 149
- (Exam Topic 1)
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 152
- (Exam Topic 1)
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

NEW QUESTION 155
- (Exam Topic 3)
During a recent security audit a Cisco IOS router with a working IPSEC configuration using IKEv1 was flagged for using a wildcard mask with the crypto isakmp key command The VPN peer is a SOHO router with a dynamically assigned IP address Dynamic DNS has been configured on the SOHO router to map the dynamic IP address to the host name of vpn sohoroutercompany.com In addition to the command crypto isakmp key Cisc425007536 hostname vpn.sohoroutercompany.com what other two commands are now required on the Cisco IOS router for the VPN to continue to function after the wildcard command is removed? (Choose two)

A. ip host vpn.sohoroutercompany.eom <VPN Peer IP Address>
B. crypto isakmp identity hostname
C. Add the dynamic keyword to the existing crypto map command
D. fqdn vpn.sohoroutercompany.com <VPN Peer IP Address>
E. ip name-server <DNS Server IP Address>

Answer: BC

NEW QUESTION 156
- (Exam Topic 3)
Which characteristic is unique to a Cisco WSAv as compared to a physical appliance?

A. supports VMware vMotion on VMware ESXi
B. requires an additional license
C. performs transparent redirection
D. supports SSL decryption

Answer: A

NEW QUESTION 157
- (Exam Topic 3)
Why is it important to patch endpoints consistently?

A. Patching reduces the attack surface of the infrastructure.
B. Patching helps to mitigate vulnerabilities.
C. Patching is required per the vendor contract.
D. Patching allows for creating a honeypot.

Answer: B

NEW QUESTION 160
- (Exam Topic 3)
What is the difference between a vulnerability and an exploit?

A. A vulnerability is a hypothetical event for an attacker to exploit
B. A vulnerability is a weakness that can be exploited by an attacker
C. An exploit is a weakness that can cause a vulnerability in the network
D. An exploit is a hypothetical event that causes a vulnerability in the network

Answer: B

NEW QUESTION 163
- (Exam Topic 3)
Which solution stops unauthorized access to the system if a user's password is compromised?

A. VPN
B. MFA
C. AMP
D. SSL

Answer: B

NEW QUESTION 164
- (Exam Topic 3)
Which solution for remote workers enables protection, detection, and response on the endpoint against known and unknown threats?

A. Cisco AMP for Endpoints
B. Cisco AnyConnect
C. Cisco Umbrella
D. Cisco Duo

Answer: A

NEW QUESTION 167
- (Exam Topic 3)
Refer to the exhibit.

```
import requests

client_id = 'a1b2c3d4e5f6g7h8i9j0'

api_key = 'a1b2c3d4-e5f6-g7h8-i9j0-k1l2m3n4o5p6'
```

What does the API key do while working with https://api.amp.cisco.com/v1/computers?

A. displays client ID
B. HTTP authorization
C. Imports requests
D. HTTP authentication

Answer: D

NEW QUESTION 171
- (Exam Topic 3)
An engineer is configuring Cisco Umbrella and has an identity that references two different policies. Which action ensures that the policy that the identity must use takes precedence over the second one?

A. Configure the default policy to redirect the requests to the correct policy
B. Place the policy with the most-specific configuration last in the policy order
C. Configure only the policy with the most recently changed timestamp
D. Make the correct policy first in the policy order

Answer: D

NEW QUESTION 174
- (Exam Topic 3)
When a transparent authentication fails on the Web Security Appliance, which type of access does the end user get?

A. guest
B. limited Internet
C. blocked
D. full Internet

Answer: C

NEW QUESTION 177
- (Exam Topic 3)
An engineer has been tasked with configuring a Cisco FTD to analyze protocol fields and detect anomalies in the traffic from industrial systems. What must be done to meet these requirements?

A. Implement pre-filter policies for the CIP preprocessor
B. Enable traffic analysis in the Cisco FTD
C. Configure intrusion rules for the DNP3 preprocessor
D. Modify the access control policy to trust the industrial traffic

Answer: C

Explanation:
"configure INTRUSION RULES for DNP3" -> Documentation states, that enabling INTRUSION RULES is mandatory for CIP to work + required preprocessors (in Network Access Policy - NAP) will be enabled automatically:
"If you want the CIP preprocessor rules listed in the following table to generate events, you MUST enable them. See Setting Intrusion Rule States for information on enabling rules."
"If the Modbus, DNP3, or CIP preprocessor is disabled, and you enable and deploy an intrusion rule that requires one of these preprocessors, the system automatically uses the required preprocessor, with its current settings, although the preprocessor remains disabled in the web interface for the corresponding network analysis policy."
[1]

https://www.cisco.com/c/en/us/td/docs/security/firepower/630/configuration/guide/fpmc-config-guide-v63/scada

NEW QUESTION 179
- (Exam Topic 3)
An engineer enabled SSL decryption for Cisco Umbrella intelligent proxy and needs to ensure that traffic is inspected without alerting end-users.

A. Upload the organization root CA to the Umbrella admin portal
B. Modify the user's browser settings to suppress errors from Umbrella.
C. Restrict access to only websites with trusted third-party signed certificates.
D. Import the Umbrella root CA into the trusted root store on the user's device.

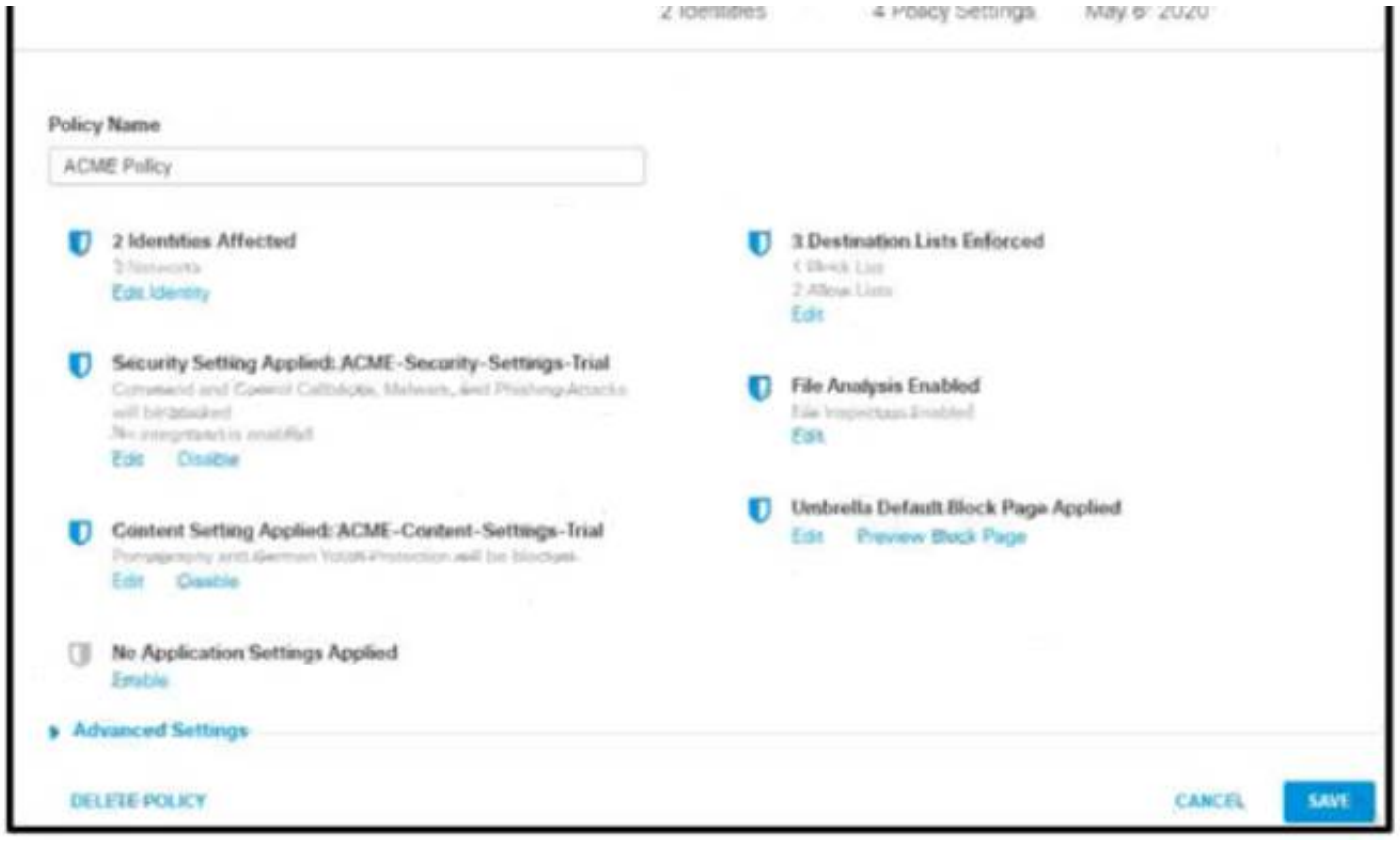
Answer: A

NEW QUESTION 182
- (Exam Topic 3)
Which cloud service offering allows customers to access a web application that is being hosted, managed, and maintained by a cloud service provider?

A. IaC
B. SaaS
C. IaaS
D. PaaS

Answer: B

NEW QUESTION 187
- (Exam Topic 3)
Refer to the exhibit.



How does Cisco Umbrella manage traffic that is directed toward risky domains?

A. Traffic is proximed through the intelligent proxy.
B. Traffic is managed by the security settings and blocked.
C. Traffic is managed by the application settings, unhandled and allowed.
D. Traffic is allowed but logged.

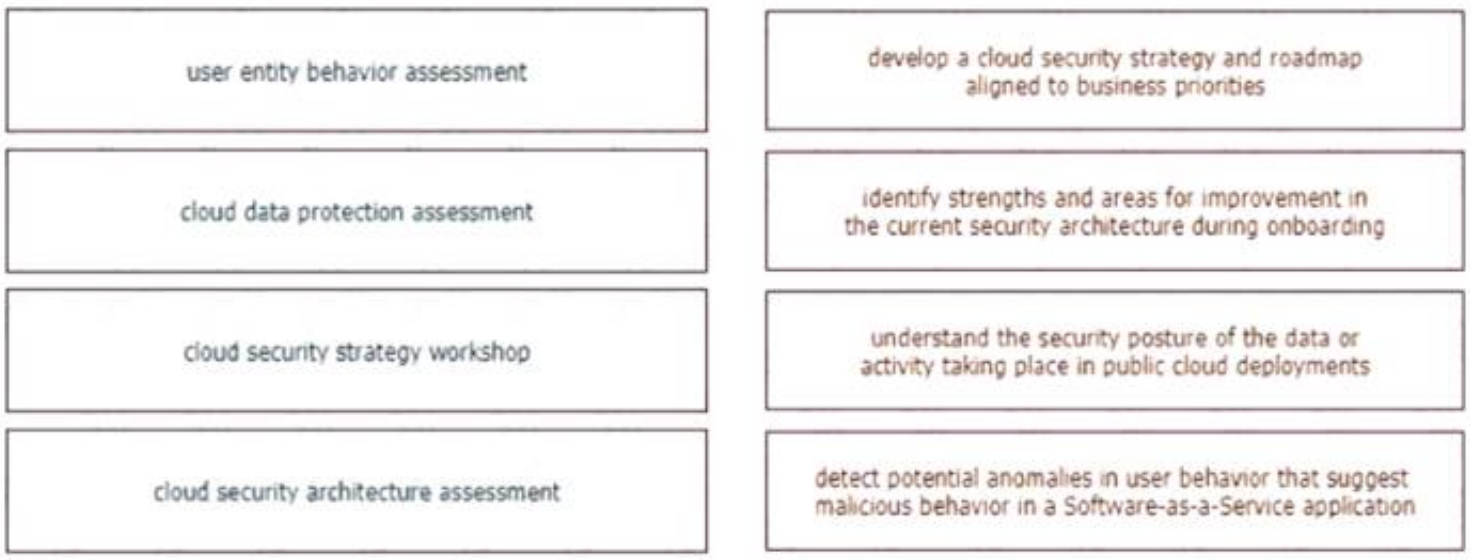
Answer: B

NEW QUESTION 190
- (Exam Topic 3)
Which technology provides a combination of endpoint protection endpoint detection, and response?

A. Cisco AMP
B. Cisco Talos
C. Cisco Threat Grid
D. Cisco Umbrella

Answer: A

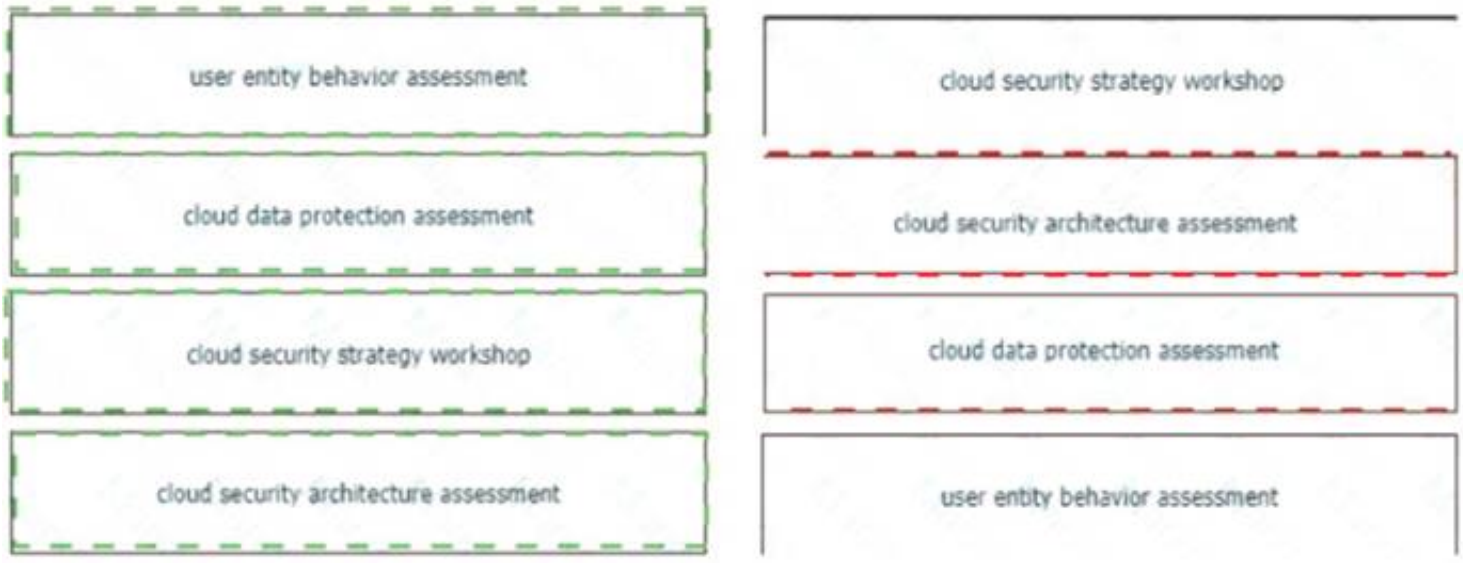
NEW QUESTION 193
- (Exam Topic 3)
Drag and drop the cloud security assessment components from the left onto the definitions on the right.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

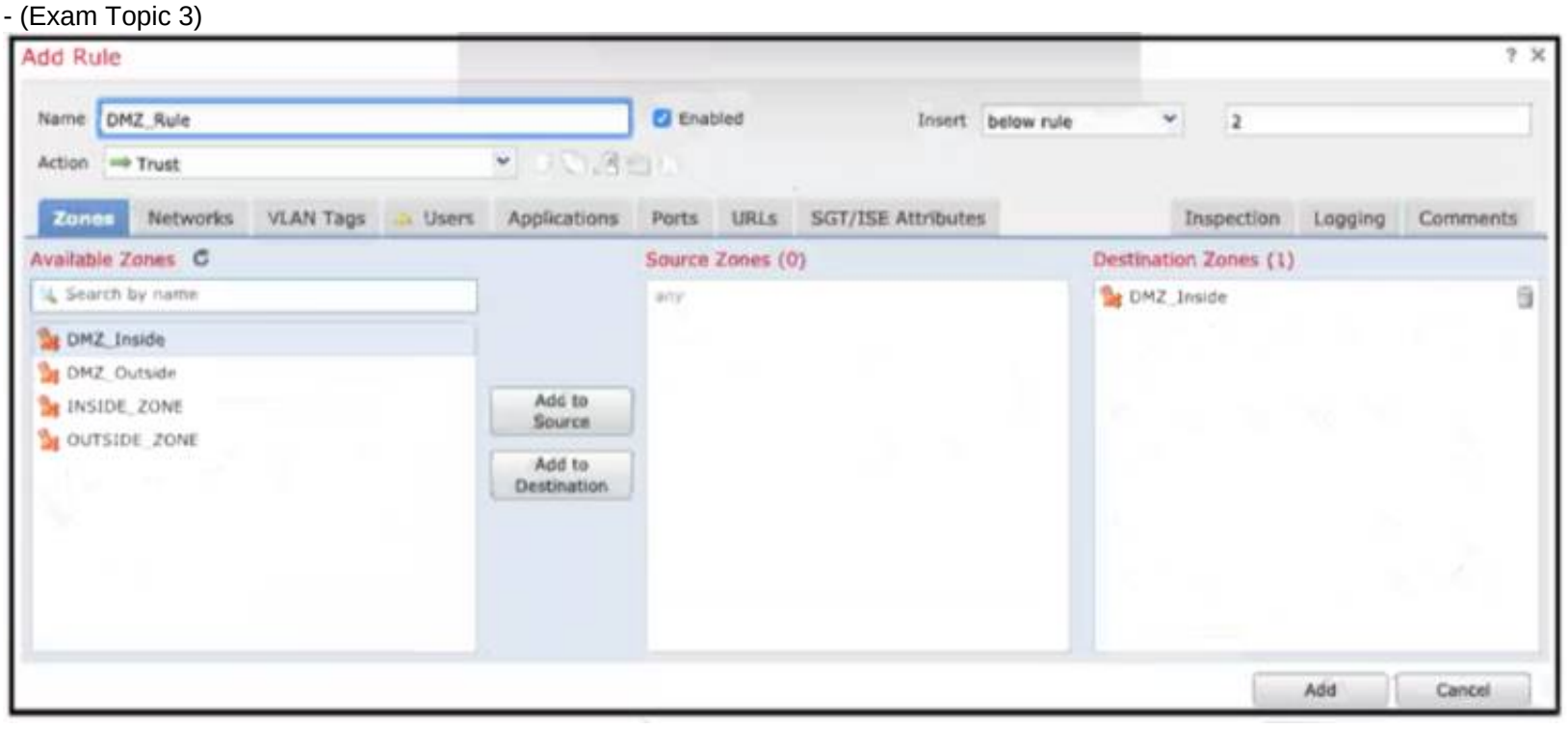


NEW QUESTION 196
- (Exam Topic 3)
A company discovered an attack propagating through their network via a file. A custom file policy was created in order to track this in the future and ensure no other endpoints execute the infected file. In addition, it was discovered during testing that the scans are not detecting the file as an indicator of compromise. What must be done in order to ensure that the created is functioning as it should?

A. Create an IP block list for the website from which the file was downloaded
B. Block the application that the file was using to open
C. Upload the hash for the file into the policy
D. Send the file to Cisco Threat Grid for dynamic analysis

Answer: C

NEW QUESTION 199
- (Exam Topic 3)



Refer to the exhibit When configuring this access control rule in Cisco FMC, what happens with the traffic destined to the DMZjnside zone once the configuration is deployed?

A. All traffic from any zone to the DMZ_inside zone will be permitted with no further inspection
B. No traffic will be allowed through to the DMZ_inside zone regardless of if it's trusted or not
C. All traffic from any zone will be allowed to the DMZ_inside zone only after inspection
D. No traffic will be allowed through to the DMZ_inside zone unless it's already trusted

Answer: A

NEW QUESTION 204
- (Exam Topic 3)
Which solution is more secure than the traditional use of a username and password and encompasses at least two of the methods of authentication?

A. single-sign on
B. RADIUS/LDAP authentication
C. Kerberos security solution
D. multifactor authentication

Answer: D

NEW QUESTION 208
- (Exam Topic 3)
An engineer adds a custom detection policy to a Cisco AMP deployment and encounters issues with the configuration. The simple detection mechanism is configured, but the dashboard indicates that the hash is not 64 characters and is non-zero. What is the issue?

A. The engineer is attempting to upload a hash created using MD5 instead of SHA-256
B. The file being uploaded is incompatible with simple detections and must use advanced detections
C. The hash being uploaded is part of a set in an incorrect format
D. The engineer is attempting to upload a file instead of a hash

Answer: A

NEW QUESTION 210
- (Exam Topic 3)
What does Cisco ISE use to collect endpoint attributes that are used in profiling?

A. probes
B. posture assessment
C. Cisco AnyConnect Secure Mobility Client
D. Cisco pxGrid

Answer: A

Explanation:
Reference:
https://content.cisco.com/chapter.sjs?uri=/searchable/chapter/content/en/us/td/docs/security/ise/2-6/admin_guide

NEW QUESTION 212
- (Exam Topic 3)
Which feature requires that network telemetry be enabled?

A. per-interface stats
B. SNMP trap notification
C. Layer 2 device discovery
D. central syslog system

Answer: D

NEW QUESTION 217
- (Exam Topic 3)
Which two functions does the Cisco Advanced Phishing Protection solution perform in trying to protect from phishing attacks? (Choose two.)

A. blocks malicious websites and adds them to a block list
B. does a real-time user web browsing behavior analysis
C. provides a defense for on-premises email deployments
D. uses a static algorithm to determine malicious
E. determines if the email messages are malicious

Answer: CE

NEW QUESTION 218
- (Exam Topic 3)
Which feature is leveraged by advanced antimalware capabilities to be an effective endpomt protection platform?

A. big data
B. storm centers
C. sandboxing
D. blocklisting

Answer: C

NEW QUESTION 223
- (Exam Topic 3)
Which type of DNS abuse exchanges data between two computers even when there is no direct connection?

A. Malware installation
B. Command-and-control communication
C. Network footprinting
D. Data exfiltration

Answer: D

Explanation:
Reference: https://www.netsurion.com/articles/5-types-of-dns-attacks-and-how-to-detect-them

NEW QUESTION 224
- (Exam Topic 3)
A hacker initiated a social engineering attack and stole username and passwords of some users within a company. Which product should be used as a solution to this problem?

A. Cisco NGFW
B. Cisco AnyConnect
C. Cisco AMP for Endpoints
D. Cisco Duo

Answer: D

NEW QUESTION 227
- (Exam Topic 3)
Which two protocols must be configured to authenticate end users to the Web Security Appliance? (Choose two.)

A. NTLMSSP
B. Kerberos
C. CHAP
D. TACACS+
E. RADIUS

Answer: AB

NEW QUESTION 231
- (Exam Topic 3)
What is a benefit of using Cisco Umbrella?

A. DNS queries are resolved faster.
B. Attacks can be mitigated before the application connection occurs.
C. Files are scanned for viruses before they are allowed to run.
D. It prevents malicious inbound traffic.

Answer: B

NEW QUESTION 233
- (Exam Topic 3)
Which metric is used by the monitoring agent to collect and output packet loss and jitter information?

A. WSAv performance
B. AVC performance
C. OTCP performance
D. RTP performance

Answer: D

NEW QUESTION 234
- (Exam Topic 3)
Which Cisco security solution stops exfiltration using HTTPS?

A. Cisco FTD
B. Cisco AnyConnect
C. Cisco CTA
D. Cisco ASA

Answer: C

Explanation:
https://www.cisco.com/c/dam/en/us/products/collateral/security/cognitive-threat-analytics/at-a-glance-c45-7365

NEW QUESTION 236
- (Exam Topic 3)
Which configuration method provides the options to prevent physical and virtual endpoint devices that are in the same base EPG or uSeg from being able to communicate with each other with Vmware VDS or Microsoft vSwitch?

A. inter-EPG isolation
B. inter-VLAN security
C. intra-EPG isolation
D. placement in separate EPGs

Answer: C

Explanation:
Intra-EPG Isolation is an option to prevent physical or virtual endpoint devices that are in the same base EPG or microsegmented (uSeg) EPG from communicating with each other. By default, endpoint devices included in the same EPG are allowed to communicate with one another.

NEW QUESTION 241
- (Exam Topic 3)
An engineer is configuring web filtering for a network using Cisco Umbrella Secure Internet Gateway. The requirement is that all traffic needs to be filtered. Using the SSL decryption feature, which type of certificate should be presented to the end-user to accomplish this goal?

A. third-party
B. self-signed
C. organization owned root
D. SubCA

Answer: C

NEW QUESTION 245
- (Exam Topic 3)
A network engineer entered the snmp-server user asmith myv7 auth sha cisco priv aes 256 cisc0xxxxxxxxx command and needs to send SNMP information to a host at 10.255.255.1. Which
command achieves this goal?

A. snmp-server host inside 10.255.255.1 version 3 myv7
B. snmp-server host inside 10.255.255.1 snmpv3 myv7
C. snmp-server host inside 10.255.255.1 version 3 asmith
D. snmp-server host inside 10.255.255.1 snmpv3 asmith

Answer: C

NEW QUESTION 249
- (Exam Topic 3)
Which DevSecOps implementation process gives a weekly or daily update instead of monthly or quarterly in the applications?

A. Orchestration
B. CI/CD pipeline
C. Container
D. Security

Answer: B

Explanation:
Reference: https://devops.com/how-to-implement-an-effective-ci-cd-pipeline/

NEW QUESTION 251
- (Exam Topic 3)
Which Cisco security solution provides patch management in the cloud?

A. Cisco Umbrella
B. Cisco ISE
C. Cisco CloudLock
D. Cisco Tetration

Answer: C

NEW QUESTION 256
- (Exam Topic 3)

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

Refer to the exhibit. What is the result of using this authentication protocol in the configuration?

A. The authentication request contains only a username.
B. The authentication request contains only a password.
C. There are separate authentication and authorization request packets.

D. The authentication and authorization requests are grouped in a single packet.

Answer: D

NEW QUESTION 258
- (Exam Topic 3)
What is a difference between GETVPN and IPsec?

A. GETVPN reduces latency and provides encryption over MPLS without the use of a central hub
B. GETVPN provides key management and security association management
C. GETVPN is based on IKEv2 and does not support IKEv1
D. GETVPN is used to build a VPN network with multiple sites without having to statically configure all devices

Answer: C

NEW QUESTION 259
- (Exam Topic 3)
What do tools like Jenkins, Octopus Deploy, and Azure DevOps provide in terms of application and infrastructure automation?

A. continuous integration and continuous deployment
B. cloud application security broker
C. compile-time instrumentation
D. container orchestration

Answer: A

NEW QUESTION 261
- (Exam Topic 3)
An engineer is configuring IPsec VPN and needs an authentication protocol that is reliable and supports ACK and sequence. Which protocol accomplishes this goal?

A. AES-192
B. IKEv1
C. AES-256
D. ESP

Answer: D

NEW QUESTION 263
- (Exam Topic 3)
An organization is selecting a cloud architecture and does not want to be responsible for patch management of the operating systems. Why should the organization select either Platform as a Service or Infrastructure as a Service for this environment?

A. Platform as a Service because the customer manages the operating system
B. Infrastructure as a Service because the customer manages the operating system
C. Platform as a Service because the service provider manages the operating system
D. Infrastructure as a Service because the service provider manages the operating system

Answer: C

NEW QUESTION 268
- (Exam Topic 3)
How does a WCCP-configured router identify if the Cisco WSA is functional?

A. If an ICMP ping fails three consecutive times between a router and the WSA, traffic is no longer transmitted to the router.
B. If an ICMP ping fails three consecutive times between a router and the WSA, traffic is no longer transmitted to the WSA.
C. The WSA sends a Here-I-Am message every 10 seconds, and the router acknowledges with an ISee-You message.
D. The router sends a Here-I-Am message every 10 seconds, and the WSA acknowledges with an ISee-You message.

Answer: C

NEW QUESTION 273
- (Exam Topic 3)
When MAB is configured for use within the 802.1X environment, an administrator must create a policy that allows the devices onto the network. Which information is used for the username and password?

A. The MAB uses the IP address as username and password.
B. The MAB uses the call-station-ID as username and password.
C. Each device must be set manually by the administrator.
D. The MAB uses the MAC address as username and password.

Answer: D

NEW QUESTION 277
- (Exam Topic 3)

Refer to the exhibit. When creating an access rule for URL filtering, a network engineer adds certain categories and individual URLs to block. What is the result of the configuration?

A. Only URLs for botnets with reputation scores of 1-3 will be blocked.
B. Only URLs for botnets with a reputation score of 3 will be blocked.
C. Only URLs for botnets with reputation scores of 3-5 will be blocked.
D. Only URLs for botnets with a reputation score of 3 will be allowed while the rest will be blocked.

Answer: A

NEW QUESTION 282
- (Exam Topic 3)
Which role is a default guest type in Cisco ISE?

A. Monthly
B. Yearly
C. Contractor
D. Full-Time

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/ise/1-4-1/admin_guide/b_ise_admin_guide_141/b_ise_admin_g

NEW QUESTION 284
- (Exam Topic 3)
What are two benefits of using Cisco Duo as an MFA solution? (Choose two.)

A. grants administrators a way to remotely wipe a lost or stolen device
B. provides simple and streamlined login experience for multiple applications and users
C. native integration that helps secure applications across multiple cloud platforms or on-premises environments
D. encrypts data that is stored on endpoints
E. allows for centralized management of endpoint device applications and configurations

Answer: BC

NEW QUESTION 285
- (Exam Topic 3)
Which benefit does DMVPN provide over GETVPN?

A. DMVPN supports QoS, multicast, and routing, and GETVPN supports only QoS.
B. DMVPN is a tunnel-less VPN, and GETVPN is tunnel-based.
C. DMVPN supports non-IP protocols, and GETVPN supports only IP protocols.
D. DMVPN can be used over the public Internet, and GETVPN requires a private network.

Answer: D

NEW QUESTION 290
- (Exam Topic 3)
Which action must be taken in the AMP for Endpoints console to detect specific MD5 signatures on endpoints and then quarantine the files?

A. Configure an advanced custom detection list.
B. Configure an IP Block & Allow custom detection list
C. Configure an application custom detection list
D. Configure a simple custom detection list

Answer: A

NEW QUESTION 292
- (Exam Topic 3)
Why should organizations migrate to an MFA strategy for authentication?

A. Single methods of authentication can be compromised more easily than MFA.
B. Biometrics authentication leads to the need for MFA due to its ability to be hacked easily.
C. MFA methods of authentication are never compromised.
D. MFA does not require any piece of evidence for an authentication mechanism.

Answer: A

NEW QUESTION 295
- (Exam Topic 3)
Which threat intelligence standard contains malware hashes?

A. advanced persistent threat
B. open command and control
C. structured threat information expression
D. trusted automated exchange of indicator information

Answer: C

NEW QUESTION 298
- (Exam Topic 3)
An administrator enables Cisco Threat Intelligence Director on a Cisco FMC. Which process uses STIX and allows uploads and downloads of block lists?

A. consumption
B. sharing
C. editing
D. authoring

Answer: A

NEW QUESTION 300
- (Exam Topic 3)
Which RADIUS feature provides a mechanism to change the AAA attributes of a session after it is authenticated?

A. Authorization
B. Accounting
C. Authentication
D. CoA

Answer: D

NEW QUESTION 302
- (Exam Topic 3)
Which function is included when Cisco AMP is added to web security?

A. multifactor, authentication-based user identity
B. detailed analytics of the unknown file's behavior
C. phishing detection on emails
D. threat prevention on an infected endpoint

Answer: B

NEW QUESTION 306
- (Exam Topic 3)
Which IETF attribute is supported for the RADIUS CoA feature?

A. 24 State
B. 30 Calling-Station-ID
C. 42 Acct-Session-ID
D. 81 Message-Authenticator

Answer: A

NEW QUESTION 307
- (Exam Topic 3)
An engineer must configure Cisco AMP for Endpoints so that it contains a list of files that should not be executed by users. These files must not be quarantined.
Which action meets this configuration requirement?

A. Identity the network IPs and place them in a blocked list.
B. Modify the advanced custom detection list to include these files.
C. Create an application control blocked applications list.
D. Add a list for simple custom detection.

Answer: C

NEW QUESTION 311
- (Exam Topic 3)
Which technology should be used to help prevent an attacker from stealing usernames and passwords of users within an organization?

A. RADIUS-based REAP
B. fingerprinting
C. Dynamic ARP Inspection
D. multifactor authentication

Answer: D

NEW QUESTION 312
- (Exam Topic 3)
Which endpoint protection and detection feature performs correlation of telemetry, files, and intrusion events that are flagged as possible active breaches?

A. retrospective detection
B. indication of compromise

C. file trajectory
D. elastic search

Answer: B

NEW QUESTION 314
- (Exam Topic 3)
Which solution is made from a collection of secure development practices and guidelines that developers must follow to build secure applications?

A. AFL
B. Fuzzing Framework
C. Radamsa
D. OWASP

Answer: D

NEW QUESTION 315
- (Exam Topic 3)
An engineer is implementing DHCP security mechanisms and needs the ability to add additional attributes to profiles that are created within Cisco ISE Which action accomplishes this task?

A. Define MAC-to-IP address mappings in the switch to ensure that rogue devices cannot get an IP address
B. Use DHCP option 82 to ensure that the request is from a legitimate endpoint and send the information to Cisco ISE
C. Modify the DHCP relay and point the IP address to Cisco ISE.
D. Configure DHCP snooping on the switch VLANs and trust the necessary interfaces

Answer: D

NEW QUESTION 317
- (Exam Topic 3)
Using Cisco Cognitive Threat Analytics, which platform automatically blocks risky sites, and test unknown sites for hidden advanced threats before allowing users to click them?

A. Cisco Identity Services Engine (ISE)
B. Cisco Enterprise Security Appliance (ESA)
C. Cisco Web Security Appliance (WSA)
D. Cisco Advanced Stealthwatch Appliance (ASA)

Answer: C

NEW QUESTION 318
- (Exam Topic 3)
Refer to the exhibit.

```
ntp authentication-key 10 md5 cisco123
ntp trusted-key 10
```

A network engineer is testing NTP authentication and realizes that any device synchronizes time with this router and that NTP authentication is not enforced What is the cause of this issue?

A. The key was configured in plain text.
B. NTP authentication is not enabled.
C. The hashing algorithm that was used was MD5. which is unsupported.
D. The router was not rebooted after the NTP configuration updated.

Answer: B

NEW QUESTION 322
- (Exam Topic 3)

```
def dnac_login(host, username, password):
    url = "https://{}/api/system/v1/auth/token".format(host)
    response = requests.request("POST", url,
auth=HTTPBasicAuth(username, password),
                                headers=headers, verify=False)
    return response.json() ["Token"]
```

Refer to the exhibit. What is the result of the Python script?

A. It uses the POST HTTP method to obtain a username and password to be used for authentication.
B. It uses the POST HTTP method to obtain a token to be used for authentication.
C. It uses the GET HTTP method to obtain a token to be used for authentication.
D. It uses the GET HTTP method to obtain a username and password to be used for authentication

Answer: B

NEW QUESTION 323
- (Exam Topic 3)
Which posture assessment requirement provides options to the client for remediation and requires the remediation within a certain timeframe?

A. Audit
B. Mandatory
C. Optional
D. Visibility

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_client_posture_ Mandatory Requirements During policy evaluation, the agent provides remediation options to clients who fail to meet the mandatory requirements defined in the posture policy. End users must remediate to meet the requirements within the time specified in the remediation timer settings

NEW QUESTION 327
- (Exam Topic 3)
What is a difference between an XSS attack and an SQL injection attack?

A. SQL injection is a hacking method used to attack SQL databases, whereas XSS attacks can exist in many different types of applications
B. XSS is a hacking method used to attack SQL databases, whereas SQL injection attacks can exist in many different types of applications
C. SQL injection attacks are used to steal information from databases whereas XSS attacks are used toredirect users to websites where attackers can steal data from them
D. XSS attacks are used to steal information from databases whereas SQL injection attacks are used to redirect users to websites where attackers can steal data from them

Answer: C

Explanation:
In XSS, an attacker will try to inject his malicious code (usually malicious links) into a database. When other users follow his links, their web browsers are redirected to websites where attackers can steal data from them. In a SQL Injection, an attacker will try to inject SQL code (via his browser) into forms, cookies, or HTTP headers that do not use data sanitizing or validation methods of GET/POST parameters.

NEW QUESTION 328
- (Exam Topic 3)
For a given policy in Cisco Umbrella, how should a customer block website based on a custom list?

A. by specifying blocked domains in me policy settings
B. by specifying the websites in a custom blocked category
C. by adding the websites to a blocked type destination list
D. by adding the website IP addresses to the Cisco Umbrella blocklist

Answer: C

NEW QUESTION 332
- (Exam Topic 3)
What is a function of the Layer 4 Traffic Monitor on a Cisco WSA?

A. blocks traffic from URL categories that are known to contain malicious content
B. decrypts SSL traffic to monitor for malicious content
C. monitors suspicious traffic across all the TCP/UDP ports
D. prevents data exfiltration by searching all the network traffic for specified sensitive information

Answer: C

NEW QUESTION 337
- (Exam Topic 3)
Which two protocols must be configured to authenticate end users to the Cisco WSA? (Choose two.)

A. TACACS+
B. CHAP
C. NTLMSSP
D. RADIUS
E. Kerberos

Answer: AD

NEW QUESTION 341
- (Exam Topic 3)
What are two features of NetFlow flow monitoring? (Choose two)

A. Can track ingress and egress information
B. Include the flow record and the flow importer
C. Copies all ingress flow information to an interface
D. Does not required packet sampling on interfaces
E. Can be used to track multicast, MPLS, or bridged traffic

Answer: AE

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/netflow/configuration/15-mt/nf-15-mt-book/cfgmpls-netflow

NEW QUESTION 342
- (Exam Topic 3)
What is the benefit of integrating Cisco ISE with a MDM solution?

A. It provides compliance checks for access to the network
B. It provides the ability to update other applications on the mobile device
C. It provides the ability to add applications to the mobile device through Cisco ISE
D. It provides network device administration access

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_ise_interoperab

NEW QUESTION 344
- (Exam Topic 3)
An email administrator is setting up a new Cisco ESA. The administrator wants to enable the blocking of greymail for the end user. Which feature must the administrator enable first?

A. File Analysis
B. IP Reputation Filtering
C. Intelligent Multi-Scan
D. Anti-Virus Filtering

Answer: C

NEW QUESTION 346
- (Exam Topic 3)
An engineer is implementing Cisco CES in an existing Microsoft Office 365 environment and must route inbound email to Cisco CE.. record must be modified to accomplish this task?

A. CNAME
B. MX
C. SPF
D. DKIM

Answer: B

NEW QUESTION 348
- (Exam Topic 3)
Which feature enables a Cisco ISR to use the default bypass list automatically for web filtering?

A. filters
B. group key
C. company key
D. connector

Answer: D

NEW QUESTION 353
- (Exam Topic 3)
Which Cisco network security device supports contextual awareness?

A. Firepower
B. CISCO ASA
C. Cisco IOS
D. ISE

Answer: D

NEW QUESTION 356
- (Exam Topic 3)
What are two recommended approaches to stop DNS tunneling for data exfiltration and command and control call backs? (Choose two.)

A. Use intrusion prevention system.
B. Block all TXT DNS records.
C. Enforce security over port 53.
D. Use next generation firewalls.
E. Use Cisco Umbrella.

Answer: CE

NEW QUESTION 357
- (Exam Topic 3)
Which type of data does the Cisco Stealthwatch system collect and analyze from routers, switches, and firewalls?

A. NTP
B. syslog
C. SNMP
D. NetFlow

Answer: D

NEW QUESTION 360
- (Exam Topic 3)
An engineer integrates Cisco FMC and Cisco ISE using pxGrid Which role is assigned for Cisco FMC?

A. client
B. server
C. controller
D. publisher

Answer: D

NEW QUESTION 363
- (Exam Topic 3)
Which Cisco Umbrella package supports selective proxy for Inspection of traffic from risky domains?

A. SIG Advantage
B. DNS Security Essentials
C. SIG Essentials
D. DNS Security Advantage

Answer: C

NEW QUESTION 364
- (Exam Topic 3)
Which encryption algorithm provides highly secure VPN communications?

A. 3DES
B. AES 256
C. AES 128
D. DES

Answer: B

NEW QUESTION 369
- (Exam Topic 3)
Which system facilitates deploying microsegmentation and multi-tenancy services with a policy-based container?

A. SDLC
B. Docker
C. Lambda
D. Contiv

Answer: B

NEW QUESTION 373
- (Exam Topic 3)
Which Cisco platform processes behavior baselines, monitors for deviations, and reviews for malicious processes in data center traffic and servers while performing software vulnerability detection?

A. Cisco Tetration
B. Cisco ISE
C. Cisco AMP for Network
D. Cisco AnyConnect

Answer: A

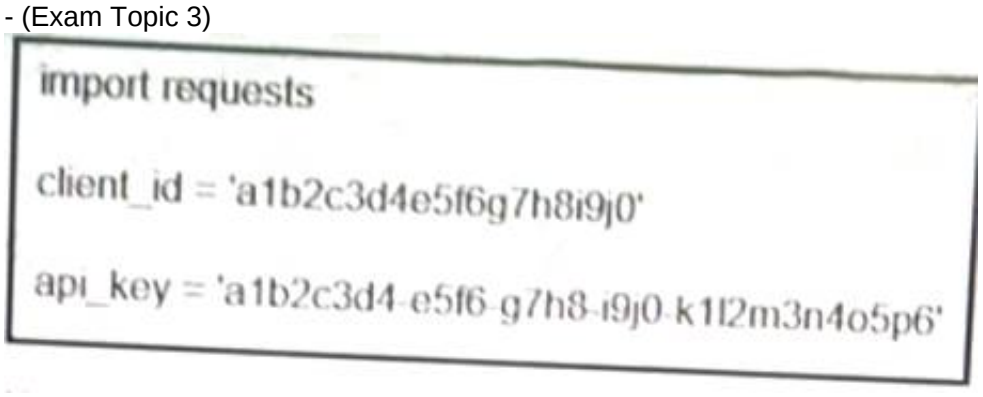
NEW QUESTION 375
- (Exam Topic 3)
Which solution detects threats across a private network, public clouds, and encrypted traffic?

A. Cisco Stealthwatch
B. Cisco CTA

C. Cisco Encrypted Traffic Analytics
D. Cisco Umbrella

Answer: A

NEW QUESTION 379
- (Exam Topic 3)



Refer to the exhibit. What function does the API key perform while working with https://api.amp.cisco.com/v1/computers?

A. imports requests
B. HTTP authorization
C. HTTP authentication
D. plays dent ID

Answer: C

NEW QUESTION 380
- (Exam Topic 3)
What is a benefit of using GET VPN over FlexVPN within a VPN deployment?

A. GET VPN supports Remote Access VPNs
B. GET VPN natively supports MPLS and private IP networks
C. GET VPN uses multiple security associations for connections
D. GET VPN interoperates with non-Cisco devices

Answer: B

NEW QUESTION 384
- (Exam Topic 3)
Which solution allows an administrator to provision, monitor, and secure mobile devices on Windows and Mac computers from a centralized dashboard?

A. Cisco Umbrella
B. Cisco AMP for Endpoints
C. Cisco ISE
D. Cisco Stealthwatch

Answer: C

NEW QUESTION 386
- (Exam Topic 3)
With Cisco AMP for Endpoints, which option shows a list of all files that have been executed in your environment?

A. Prevalence
B. File analysis
C. Detections
D. Vulnerable software
E. Threat root cause

Answer: A

Explanation:
Reference: https://docs.amp.cisco.com/en/A4E/AMP%20for%20Endpoints%20User%20Guide.pdf

NEW QUESTION 391
- (Exam Topic 3)
What are two ways a network administrator transparently identifies users using Active Directory on the Cisco WSA? (Choose two.) The eDirectory client must be installed on each client workstation.

A. Create NTLM or Kerberos authentication realm and enable transparent user identification
B. Deploy a separate Active Directory agent such as Cisco Context Directory Agent.
C. Create an LDAP authentication realm and disable transparent user identification.
D. Deploy a separate eDirectory server: the client IP address is recorded in this server

Answer: AB

Explanation:
Transparently identify users with authentication realms – This option is available when one or more authentication realms are configured to support transparent

identification using one of the following authentication servers:

- Active Directory – Create an NTLM or Kerberos authentication realm and enable transparent user identification. In addition, you must deploy a separate Active Directory agent such as Cisco's Context Directory Agent. For more information, see Transparent User Identification with Active Directory.
- LDAP – Create an LDAP authentication realm configured as an eDirectory, andenable transparent user identification. For more information, see Transparent User Identification with LDAP.

Details:
https://www.cisco.com/c/en/us/td/docs/security/wsa/wsa11-0/user_guide/b_WSA_UserGuide/b_WSA_UserGui

NEW QUESTION 392
- (Exam Topic 3)
Which two capabilities of Integration APIs are utilized with Cisco DNA center? (Choose two)

A. Upgrade software on switches and routers
B. Third party reporting
C. Connect to ITSM platforms
D. Create new SSIDs on a wireless LAN controller
E. Automatically deploy new virtual routers

Answer: BC

Explanation:
Reference:
https://developer.cisco.com/docs/dna-center/#!cisco-dna-center-platform-overview/integration-api-westbound

NEW QUESTION 394
- (Exam Topic 3)
Which industry standard is used to integrate Cisco ISE and pxGrid to each other and with other interoperable security platforms?

A. IEEE
B. IETF
C. NIST
D. ANSI

Answer: B

NEW QUESTION 396
- (Exam Topic 3)
What must be enabled to secure SaaS-based applications?

A. modular policy framework
B. two-factor authentication
C. application security gateway
D. end-to-end encryption

Answer: C

NEW QUESTION 397
- (Exam Topic 3)
Refer to the exhibit.

```
"remarks" [],
"destinationService" {
"kind" serviceKind,
"value" destinationServic
},
"permit" trueORfalse,
"active" "true",
"position" "1",
"sourceAddress" {
"kind" sourceAddressKind,
"value" sourceAddress
}
}

req = urllib2.Request(url, json.dumps(post_data), headers)
base64string = base64.encodestring('%s:%s' % (username, password)).replace('\n', '')
req.add_header("Authorization", "Basic %s" % base64string)
try
f = urllib2.urlopen(req)
status_code = f.getcode()

print "Status code is "+str(status_code)
if status_code == 201:
print "Operation successful"
except urllib2.HTTPError, err:
print "Error received from server. HTTP Status code: "+str(err.code)
try
json_error = json.loads(err.read())
if json_error:
print json.dumps(json_error,sort_keys=True,indent=4, separators=(',', ': '))
except ValueError:
pass
finally
if f: f.close()
```


What is the function of the Python script code snippet for the Cisco ASA REST API?

A. adds a global rule into policies
B. changes the hostname of the Cisco ASA
C. deletes a global rule from policies
D. obtains the saved configuration of the Cisco ASA firewall

Answer: A

NEW QUESTION 402
- (Exam Topic 3)
Which CLI command is used to enable URL filtering support for shortened URLs on the Cisco ESA?

A. webadvancedconfig
B. websecurity advancedconfig
C. outbreakconfig
D. websecurity config

Answer: B

NEW QUESTION 407
- (Exam Topic 3)
What is the intent of a basic SYN flood attack?

A. to solicit DNS responses
B. to exceed the threshold limit of the connection queue
C. to flush the register stack to re-initiate the buffers
D. to cause the buffer to overflow

Answer: B

NEW QUESTION 411
- (Exam Topic 3)
What is the function of the crypto is a kmp key cisc406397954 address 0.0.0.0 0.0.0.0 command when establishing an IPsec VPN tunnel?

A. It defines what data is going to be encrypted via the VPN
B. lt configures the pre-shared authentication key
C. It prevents all IP addresses from connecting to the VPN server.
D. It configures the local address for the VPN server.

Answer: B

NEW QUESTION 415
- (Exam Topic 3)
What is a description of microsegmentation?

A. Environments deploy a container orchestration platform, such as Kubernetes, to manage the application delivery.
B. Environments apply a zero-trust model and specify how applications on different servers or containers can communicate.
C. Environments deploy centrally managed host-based firewall rules on each server or container.
D. Environments implement private VLAN segmentation to group servers with similar applications.

Answer: B

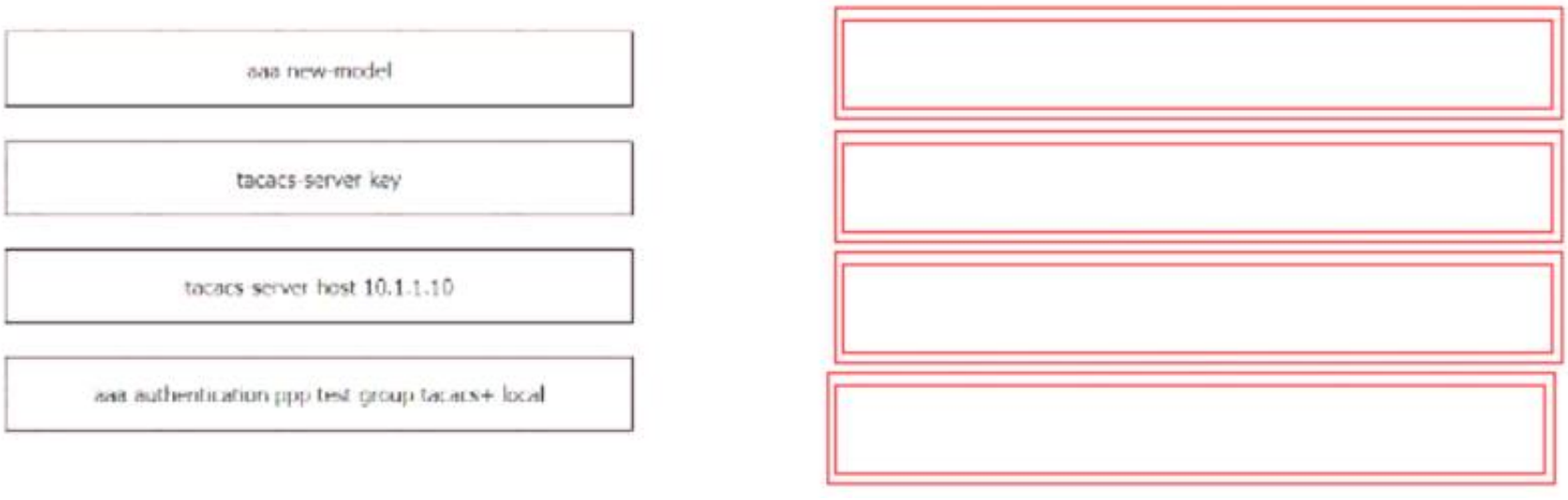
NEW QUESTION 418
- (Exam Topic 3)
Which two configurations must be made on Cisco ISE and on Cisco TrustSec devices to force a session to be adjusted after a policy change is made? (Choose two)

A. posture assessment
B. aaa authorization exec default local
C. tacacs-server host 10.1.1.250 key password
D. aaa server radius dynamic-author
E. CoA

Answer: DE

NEW QUESTION 420
- (Exam Topic 3)
Refer to the exhibit.

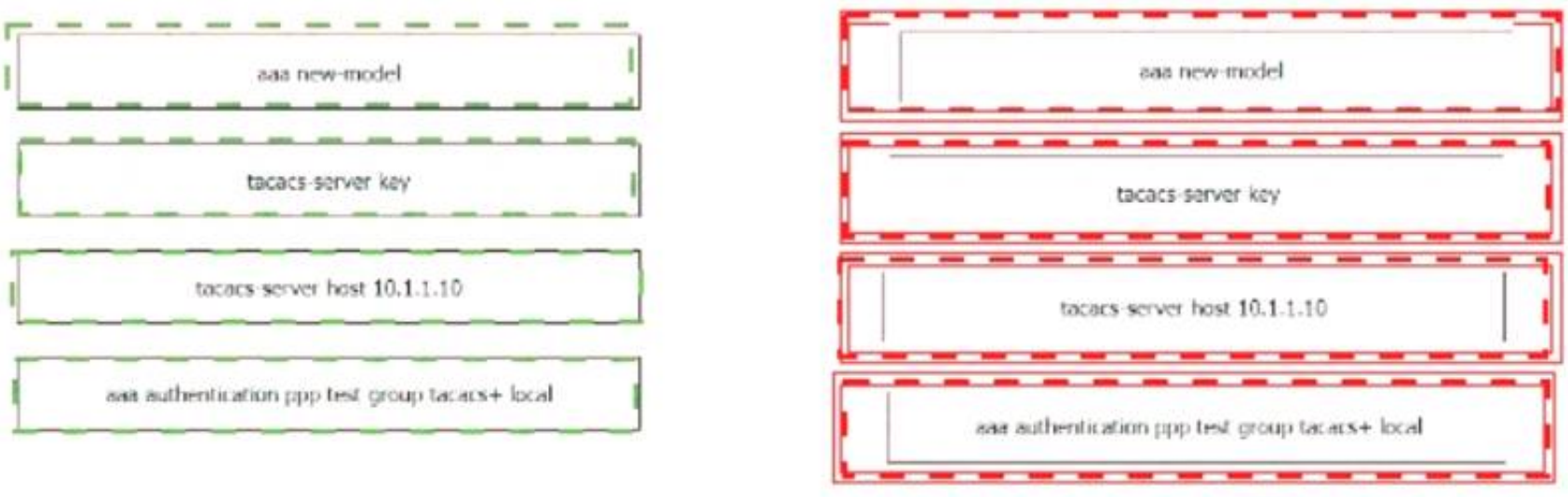
An engineer must configure a Cisco switch to perform PPP authentication via a TACACS server located at IP address 10.1.1.10. Authentication must fall back to the local database using the username LocalUser and password C1Sc0451069341l if the TACACS server is unreachable.
Drag and drop the commands from the left onto the corresponding configuration steps on the right.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 421
- (Exam Topic 3)
Which service allows a user export application usage and performance statistics with Cisco Application Visibility and control?

A. SNORT
B. NetFlow
C. SNMP

D. 802.1X

Answer: B

Explanation:
Application Visibility and control (AVC) supports NetFlow to export application usage and performancestatistics. This data can be used for analytics, billing, and security policies.

NEW QUESTION 424
- (Exam Topic 3)
Which portion of the network do EPP solutions solely focus on and EDR solutions do not?

A. server farm
B. perimeter
C. core
D. East-West gateways

Answer: B

NEW QUESTION 428
- (Exam Topic 3)
What provides total management for mobile and PC including managing inventory and device tracking, remote view, and live troubleshooting using the included native remote desktop support?

A. mobile device management
B. mobile content management
C. mobile application management
D. mobile access management

Answer: A

NEW QUESTION 432
- (Exam Topic 3)
An organization configures Cisco Umbrella to be used for its DNS services. The organization must be able to block traffic based on the subnet that the endpoint is on but it sees only the requests from its public IP address instead of each internal IP address. What must be done to resolve this issue?

A. Set up a Cisco Umbrella virtual appliance to internally field the requests and see the traffic of each IP address
B. Use the tenant control features to identify each subnet being used and track the connections within theCisco Umbrella dashboard
C. Install the Microsoft Active Directory Connector to give IP address information stitched to the requests in the Cisco Umbrella dashboard
D. Configure an internal domain within Cisco Umbrella to help identify each address and create policy from the domains

Answer: A

NEW QUESTION 434
- (Exam Topic 3)
Refer to the exhibit.

```
interface GigabitEthernet1/0/18
 description ISE dot1x Port
 switchport access vlan 41
 switchport mode access
 switchport voice vlan 44
 device-tracking attach-policy IPDT_MAX_10
 authentication periodic
 authentication timer reauthenticate server
 access-session host-mode multi-domain
 access-session port-control auto
 snmp trap mac-notification change added
 snmp trap mac-notification change removed
 dot1x pae authenticator
 dot1x timeout tx-period 7
 dot1x max-reauth-req 3
 spanning-tree portfast
 service-policy type control subscriber POLICY_Gi1/0/18
```

What will occur when this device tries to connect to the port?

A. 802.1X will not work, but MAB will start and allow the device on the network.
B. 802.1X will not work and the device will not be allowed network access
C. 802 1X will work and the device will be allowed on the network
D. 802 1X and MAB will both be used and ISE can use policy to determine the access level

Answer: B

NEW QUESTION 438
- (Exam Topic 3)
An organization uses Cisco FMC to centrally manage multiple Cisco FTD devices The default management port conflicts with other communications on the network and must be changed What must be done to ensure that all devices can communicate together?

A. Set the sftunnel to go through the Cisco FTD

B. Change the management port on Cisco FMC so that it pushes the change to all managed Cisco FTD devices
C. Set the sftunnel port to 8305.
D. Manually change the management port on Cisco FMC and all managed Cisco FTD devices

Answer: D

NEW QUESTION 441
- (Exam Topic 3)
Which Cisco platform onboards the endpoint and can issue a CA signed certificate while also automatically configuring endpoint network settings to use the signed endpoint certificate, allowing the endpoint to gain network access?

A. Cisco ISE
B. Cisco NAC
C. Cisco TACACS+
D. Cisco WSA

Answer: A

NEW QUESTION 442
- (Exam Topic 3)
Based on the NIST 800-145 guide, which cloud architecture may be owned, managed, and operated by one or more of the organizations in the community, a third party, or some combination of them, and it may exist on or off premises?

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

Answer: D

NEW QUESTION 446
- (Exam Topic 3)
Cisco SensorBase gaihers threat information from a variety of Cisco products and services and performs analytics to find patterns on threats Which term describes this process?

A. deployment
B. consumption
C. authoring
D. sharing

Answer: A

NEW QUESTION 447
- (Exam Topic 3)
Which Cisco ISE feature helps to detect missing patches and helps with remediation?

A. posture assessment
B. profiling policy
C. authentication policy
D. enabling probes

Answer: B

NEW QUESTION 449
- (Exam Topic 2)
When planning a VPN deployment, for which reason does an engineer opt for an active/active FlexVPN configuration as opposed to DMVPN?

A. Multiple routers or VRFs are required.
B. Traffic is distributed statically by default.
C. Floating static routes are required.
D. HSRP is used for faliover.

Answer: B

NEW QUESTION 452
- (Exam Topic 2)
What is the role of Cisco Umbrella Roaming when it is installed on an endpoint?

A. To protect the endpoint against malicious file transfers
B. To ensure that assets are secure from malicious links on and off the corporate network
C. To establish secure VPN connectivity to the corporate network
D. To enforce posture compliance and mandatory software

Answer: B

Explanation:

Umbrella Roaming is a cloud-delivered security service for Cisco's next-generation firewall. It protects your employees even when they are off the VPN.

NEW QUESTION 453
- (Exam Topic 2)
What are two characteristics of Cisco DNA Center APIs? (Choose two)

A. Postman is required to utilize Cisco DNA Center API calls.
B. They do not support Python scripts.
C. They are Cisco proprietary.
D. They quickly provision new devices.
E. They view the overall health of the network

Answer: DE

NEW QUESTION 454
- (Exam Topic 2)
What is a capability of Cisco ASA Netflow?

A. It filters NSEL events based on traffic
B. It generates NSEL events even if the MPF is not configured
C. It logs all event types only to the same collector
D. It sends NetFlow data records from active and standby ASAs in an active standby failover pair

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/wsa/wsa11-0/user_guide/b_WSA_UserGuide/b_WSA_UserGui Policy Order The order in which policies are listed in a policy table determines the priority with which they are applied to Web requests. Web requests are checked against policies beginning at the top of the table and ending at the first policy matched. Any policies below that point in the table are not processed. If no user-defined policy is matched against a Web request, then the global policy for that policy type is applied. Global policies are always positioned last in Policy tables and cannot be re-ordered.

NEW QUESTION 458
- (Exam Topic 2)
An organization wants to secure users, data, and applications in the cloud. The solution must be API-based and operate as a cloud-native CASB. Which solution must be used for this implementation?

A. Cisco Cloudlock
B. Cisco Cloud Email Security
C. Cisco Firepower Next-Generation Firewall
D. Cisco Umbrella

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/dam/en/us/products/collateral/security/cloud-web-security/at-a-glance-c45-738565.pdf

NEW QUESTION 460
- (Exam Topic 2)
An engineer is implementing NTP authentication within their network and has configured both the client and
server devices with the command ntp authentication-key 1 md5 Cisc392368270. The server at 1.1.1.1 is attempting to authenticate to the client at 1.1.1.2, however it is unable to do so. Which command is required to enable the client to accept the server's authentication key?

A. ntp peer 1.1.1.1 key 1
B. ntp server 1.1.1.1 key 1
C. ntp server 1.1.1.2 key 1
D. ntp peer 1.1.1.2 key 1

Answer: B

Explanation:
To configure an NTP enabled router to require authentication when other devices connect to it, use thefollowing commands:NTP_Server(config)#ntp authentication-key 2 md5 securitytutNTP_Server(config)#ntp authenticateNTP_Server(config)#ntp trusted-key 2Then you must configure the same authentication-key on the client router:NTP_Client(config)#ntp authentication-key 2 md5 securitytutNTP_Client(config)#ntp authenticateNTP_Client(config)#ntp trusted-key 2NTP_Client(config)#ntp server 10.10.10.1 key 2Note: To configure a Cisco device as a NTP client, use the command ntp server <IP address>. For example:Router(config)#ntp server 10.10.10.1. This command will instruct the router to query 10.10.10.1 for the time.

NEW QUESTION 464
- (Exam Topic 2)
Which Cisco platform ensures that machines that connect to organizational networks have the recommended antivirus definitions and patches to help prevent an organizational malware outbreak?

A. Cisco WiSM
B. Cisco ESA
C. Cisco ISE
D. Cisco Prime Infrastructure

Answer: C

Explanation:
A posture policy is a collection of posture requirements, which are associated with one or more identity groups, and operating systems. We can configure ISE to check for the Windows patch at Work Centers > Posture > Posture Elements > Conditions > File.In this example, we are going to use the predefined file check to ensure that our Windows 10 clients have the critical security patch installed to prevent the Wanna Cry malware; and we can also configure ISE to update the client with this patch.

NEW QUESTION 465
- (Exam Topic 2)
What is the purpose of the certificate signing request when adding a new certificate for a server?

A. It is the password for the certificate that is needed to install it with.
B. It provides the server information so a certificate can be created and signed
C. It provides the certificate client information so the server can authenticate against it when installing
D. It is the certificate that will be loaded onto the server

Answer: B

Explanation:
A certificate signing request (CSR) is one of the first steps towards getting your own SSL Certificate. Generated on the same server you plan to install the certificate on, the CSR contains information (e.g. common name, organization, country) that the Certificate Authority (CA) will use to create your certificate. It also contains the public key that will be included in your certificate and is signed with the corresponding private key

NEW QUESTION 467
- (Exam Topic 2)
An organization has two systems in their DMZ that have an unencrypted link between them for communication.
The organization does not have a defined password policy and uses several default accounts on the systems. The application used on those systems also have not gone through stringent code reviews. Which vulnerability would help an attacker brute force their way into the systems?

A. weak passwords
B. lack of input validation
C. missing encryption
D. lack of file permission

Answer: A

NEW QUESTION 471
- (Exam Topic 2)
Drag and drop the NetFlow export formats from the left onto the descriptions on the right.

Version 1	appropriate only for the main cache
Version 5	introduced support for aggregation caches
Version 8	appropriate only for legacy systems
Version 9	introduced extensibility

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/netflow/configuration/15-mt/nf-15-mt-book/cfgnflow-data-e

NEW QUESTION 473
- (Exam Topic 2)
A user has a device in the network that is receiving too many connection requests from multiple machines. Which type of attack is the device undergoing?

A. phishing
B. slowloris
C. pharming
D. SYN flood

Answer: D

NEW QUESTION 475
- (Exam Topic 2)
An organization is implementing URL blocking using Cisco Umbrella. The users are able to go to some sites but other sites are not accessible due to an error. Why is the error occurring?

A. Client computers do not have the Cisco Umbrella Root CA certificate installed.
B. IP-Layer Enforcement is not configured.
C. Client computers do not have an SSL certificate deployed from an internal CA server.
D. Intelligent proxy and SSL decryption is disabled in the policy

Answer: A

Explanation:
Reference: https://docs.umbrella.com/deployment-umbrella/docs/rebrand-cisco-certificate-import-information

NEW QUESTION 479
- (Exam Topic 2)
Refer to the exhibit.

```
Info: New SMTP ICID 30 interface Management (192.168.0.100)
   address 10.128.128.200 reverse dns host unknown verified no
Info: ICID 30 ACCEPT SG SUSPECTLIST match sbrs[none] SBRS None
Info: ICID 30 TLS success protocol TLSv1 cipher
   DHE-RSA-AES256-SHA
Info: SMTP Auth: (ICID 30) succeeded for user: cisco using
   AUTH mechanism: LOGIN with profile: ldap_smtp
Info: MID 80 matched all recipients for per-recipient policy
   DEFAULT in the outbound table
```

Which type of authentication is in use?

A. LDAP authentication for Microsoft Outlook
B. POP3 authentication
C. SMTP relay server authentication
D. external user and relay mail authentication

Answer: A

Explanation:
Reference:

https://www.cisco.com/c/en/us/support/docs/security/email-security-appliance/118844-technoteesa-00.htmlThe exhibit in this Qshows a successful TLS connection from the remote host (reception) in the mail log.

NEW QUESTION 481
- (Exam Topic 2)
Refer to the exhibit.

```
> show crypto ipsec sa
interface: Outside
    Crypto map tag: CSM_Outside_map, seq num: 1, local addr:
209.165.200.225

      access-list CSM_IPSEC_ACL_1 extended permit ip 10.0.11.0
255.255.255.0 10.0.10.0 255.255.255.0
      local ident (addr/mask/prot/port): (10.0.11.0/255.255.255.0/0/0)
      remote ident (addr/mask/prot/port): (10.0.10.0/255.255.255.0/0/0)
      current_peer: 209.165.202.129


      #pkts encaps: 0, #pkts encrypt: 0, #pkts digest: 0
      #pkts decaps: 17, #pkts decrypt: 17, #pkts verify: 17
      #pkts compressed: 0, #pkts decompressed: 0
      #pkts not compressed: 0, #pkts comp failed: 0, #pkts decomp
failed: 0
      #pre-frag successes: 0, #pre-frag failures: 0, #fragments
created: 0
      #PMTUs sent: 0, #PMTUs rcvd: 0, #decapsulated frgs needing
reassembly: 0
      #TFC rcvd: 0, #TFC sent: 0
      #Valid ICMP Errors rcvd: 0, #Invalid ICMP Errors rcvd: 0
      #send errors: 0, #recv errors: 0

      local crypto endpt.: 209.165.200.225/500, remote crypto endpt.:
209.165.202.129/500
      path mtu 1500, ipsec overhead 55(36), media mtu 1500
      PMTU time remaining (sec): 0, DF policy: copy-df
      ICMP error validation: disabled, TFC packets: disabled
      current outbound spi: B6F5EA53
      current inbound spi : 84348DEE
```

Traffic is not passing through IPsec site-to-site VPN on the Firepower Threat Defense appliance. What is causing this issue?

A. No split-tunnel policy is defined on the Firepower Threat Defense appliance.
B. The access control policy is not allowing VPN traffic in.
C. Site-to-site VPN peers are using different encryption algorithms.
D. Site-to-site VPN preshared keys are mismatched.

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/security-vpn/ipsec-negotiation-ike-protocols/215470- site-to-site-vpn-configuration-on-ftd-ma.html

NEW QUESTION 485
- (Exam Topic 2)
Drag and drop the solutions from the left onto the solution's benefits on the right.

Cisco Stealthwatch	obtains contextual identity and profiles for all the users and devices connected on a network.
Cisco ISE	software-defined segmentation that uses SGTs and allows administrators to quickly scale and enforce policies across the network
Cisco TrustSec	rapidly collects and analyzes NetFlow and telemetry data to deliver in-depth visibility and understanding of network traffic
Cisco Umbrella	secure Internet gateway in the cloud that provides a security solution that protects endpoints on and off the network against threats on the Internet by using DNS

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Cisco Stealthwatch - rapidly collects and analyzes netflow and telementy data to deliver in-depth visibility and understanding of network traffic
Cisco ISE – obtains contextual identity and profiles for all users and device
Cisco TrustSec – software defined segmentation that uses SGTs
Cisco Umbrella – secure internet gateway ion the cloud that provides a security solution

NEW QUESTION 489
- (Exam Topic 2)
Which algorithm provides asymmetric encryption?

A. RC4
B. AES
C. RSA
D. 3DES

Answer: C

NEW QUESTION 491
- (Exam Topic 2)
In which type of attack does the attacker insert their machine between two hosts that are communicating with each other?

A. LDAP injection
B. man-in-the-middle
C. cross-site scripting
D. insecure API

Answer: B

NEW QUESTION 494
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