Cisco

Exam Questions 300-710

Securing Networks with Cisco Firepower (SNCF)

NEW QUESTION 1
- (Exam Topic 5)
An organization wants to secure traffic from their branch office to the headquarter building using Cisco Firepower devices, They want to ensure that their Cisco Firepower devices are not wasting resources on inspecting the VPN traffic. What must be done to meet these requirements?

A. Configure the Cisco Firepower devices to ignore the VPN traffic using prefilter policies
B. Enable a flexconfig policy to re-classify VPN traffic so that it no longer appears as interesting traffic
C. Configure the Cisco Firepower devices to bypass the access control policies for VPN traffic.
D. Tune the intrusion policies in order to allow the VPN traffic through without inspection

Answer: C

Explanation:
When you configure the Cisco Firepower devices to bypass the access control policies for VPN traffic, the devices will not inspect the VPN traffic and thus will not waste resources on it. This is the best option to ensure that the VPN traffic is not wasting resources on the Cisco Firepower devices.
Reference:
https://www.cisco.com/c/en/us/support/docs/security/firepower-ngfw/219759-configure-bypass-policies-on-the

NEW QUESTION 2
- (Exam Topic 5)
An engineer is monitoring network traffic from their sales and product development departments, which are on two separate networks What must be configured in order to maintain data privacy for both departments?

A. Use a dedicated IPS inline set for each department to maintain traffic separation
B. Use 802 1Q mime set Trunk interfaces with VLANs to maintain logical traffic separation
C. Use passive IDS ports for both departments
D. Use one pair of inline set in TAP mode for both departments

Answer: B

NEW QUESTION 3
- (Exam Topic 5)
A network administrator is configuring Snort inspection policies and is seeing failed deployment messages in Cisco FMC. What information should the administrator generate for Cisco TAC to help troubleshoot?

A. A "show tech" file for the device in question.
B. A "troubleshoot" file for the device in question.
C. A "troubleshoot" file for the Cisco FMC.
D. A "show tech" for the Cisco FMC.

Answer: B

NEW QUESTION 4
- (Exam Topic 5)
A security engineer is configuring an Access Control Policy for multiple branch locations These locations share a common rule set and utilize a network object called INSIDE_NET which contains the locally significant internal network subnets at each location What technique will retain the policy consistency at each location but allow only the locally significant network subnet within the applicable rules?

A. utilizing policy inheritance
B. utilizing a dynamic ACP that updates from Cisco Talos
C. creating a unique ACP per device
D. creating an ACP with an INSIDE_NET network object and object overrides

Answer: D

NEW QUESTION 5
- (Exam Topic 5)
A network security engineer must export packet captures from the Cisco FMC web browser while troubleshooting an issue. When navigating to the address https://<FMC IP>/capture/CAPI/pcap/test.pcap. an error 403: Forbidden is given instead of the PCAP file. Which action must the engineer take to resolve this issue?

A. Disable the HTTPS server and use HTTP instead.
B. Enable the HTTPS server for the device platform policy.
C. Disable the proxy setting on the browser.
D. Use the Cisco FTD IP address as the proxy server setting on the browser.

Answer: B

NEW QUESTION 6
- (Exam Topic 5)
A network administrator is implementing an active/passive high availability Cisco FTD pair. When adding the high availability pair, the administrator cannot select the secondary peer. What is the cause?

A. The second Cisco FTD is not the same model as the primary Cisco FTD.
B. An high availability license must be added to the Cisco FMC before adding the high availability pair.
C. The failover link must be defined on each Cisco FTD before adding the high availability pair.

D. Both Cisco FTD devices are not at the same software Version

Answer: A

NEW QUESTION 7
- (Exam Topic 5)
Due to an Increase in malicious events, a security engineer must generate a threat report to include intrusion events, malware events, and security intelligence events. How Is this information collected in a single report?

A. Run the default Firepower report.
B. Export the Attacks Risk report.
C. Generate a malware report.
D. Create a Custom report.

Answer: D

NEW QUESTION 8
- (Exam Topic 5)
What is an advantage of adding multiple inline interface pairs to the same inline interface set when deploying an asynchronous routing configuration?

A. Allows the IPS to identify inbound and outbound traffic as part of the same traffic flow.
B. The interfaces disable autonegotiation and interface speed is hard coded set to 1000 Mbps.
C. Allows traffic inspection to continue without interruption during the Snort process restart.
D. The interfaces are automatically configured as a media-independent interface crossover.

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/firepower/601/configuration/guide/fpmc-config-guide-v601/fpm

NEW QUESTION 9
- (Exam Topic 5)
A security engineer found a suspicious file from an employee email address and is trying to upload it for analysis, however the upload is failing. The last registration status is still active. What is the cause for this issue?

A. Cisco AMP for Networks is unable to contact Cisco Threat Grid on premise.
B. Cisco AMP for Networks is unable to contact Cisco Threat Grid Cloud.
C. There is a host limit set.
D. The user agent status is set to monitor.

Answer: B

NEW QUESTION 10
- (Exam Topic 5)
An administrator is configuring their transparent Cisco FTD device to receive ERSPAN traffic from multiple switches on a passive port, but the Cisco FTD is not processing the traffic. What is the problem?

A. The switches do not have Layer 3 connectivity to the FTD device for GRE traffic transmission.
B. The switches were not set up with a monitor session ID that matches the flow ID defined on the CiscoFTD.
C. The Cisco FTD must be in routed mode to process ERSPAN traffic.
D. The Cisco FTD must be configured with an ERSPAN port not a passive port.

Answer: C

NEW QUESTION 10
- (Exam Topic 5)
An engineer is restoring a Cisco FTD configuration from a remote backup using the command restore remote-manager-backup location 1.1.1.1 admin /volume/home/admin BACKUP_Cisc394602314.zip on a
Cisco FMG. After connecting to the repository, an error occurred that prevents the FTD device from accepting the backup file. What is the problem?

A. The backup file is not in .cfg format.
B. The backup file is too large for the Cisco FTD device
C. The backup file extension was changed from tar to zip
D. The backup file was not enabled prior to being applied

Answer: C

NEW QUESTION 11
- (Exam Topic 5)
An organization must be able to ingest NetFlow traffic from their Cisco FTD device to Cisco Stealthwatch for behavioral analysis. What must be configured on the Cisco FTD to meet this requirement?

A. interface object to export NetFlow
B. security intelligence object for NetFlow
C. flexconfig object for NetFlow
D. variable set object for NetFlow

Answer: C

NEW QUESTION 16
- (Exam Topic 5)
A connectivity issue is occurring between a client and a server which are communicating through a Cisco Firepower device While troubleshooting, a network administrator sees that traffic is reaching the server, but the client is not getting a response Which step must be taken to resolve this issue without initiating traffic from the client?

A. Use packet-tracer to ensure that traffic is not being blocked by an access list.
B. Use packet capture to ensure that traffic is not being blocked by an access list.
C. Use packet capture to validate that the packet passes through the firewall and is NATed to the corrected IP address.
D. Use packet-tracer to validate that the packet passes through the firewall and is NATed to the correctedIP address.

Answer: D

NEW QUESTION 18
- (Exam Topic 5)
A network engineer is tasked with minimising traffic interruption during peak traffic limes. When the SNORT inspection engine is overwhelmed, what must be configured to alleviate this issue?

A. Enable IPS inline link state propagation
B. Enable Pre-filter policies before the SNORT engine failure.
C. Set a Trust ALL access control policy.
D. Enable Automatic Application Bypass.

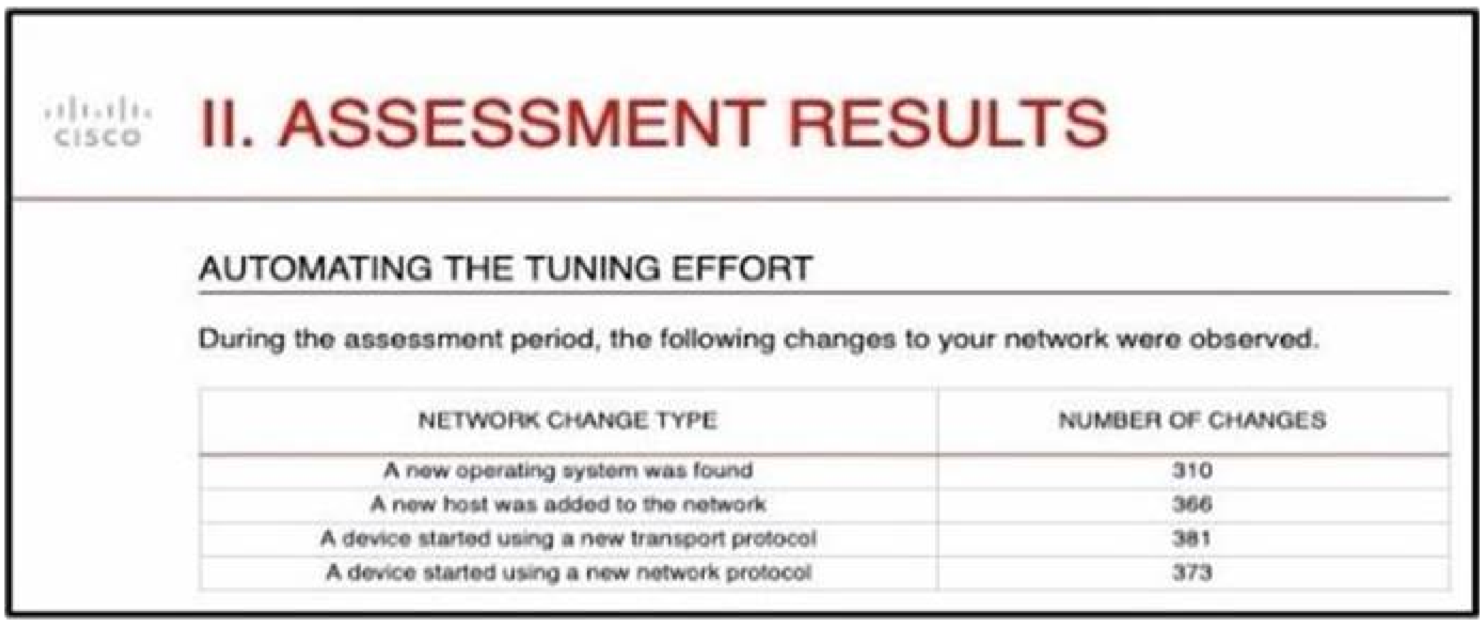
Answer: D

NEW QUESTION 22
- (Exam Topic 5)
A network administrator configured a NAT policy that translates a public IP address to an internal web server IP address. An access policy has also been created that allows any source to reach the public IP address on port 80. The web server is still not reachable from the Internet on port 80. Which configuration change is needed?

A. The intrusion policy must be disabled for port 80.
B. The access policy rule must be configured for the action trust.
C. The NAT policy must be modified to translate the source IP address as well as destination IP address.
D. The access policy must allow traffic to the internal web server IP address.

Answer: D

NEW QUESTION 27
- (Exam Topic 5)
Refer to the exhibit.



II. ASSESSMENT RESULTS

AUTOMATING THE TUNING EFFORT

During the assessment period, the following changes to your network were observed.

NETWORK CHANGE TYPE	NUMBER OF CHANGES
A new operating system was found	310
A new host was added to the network	366
A device started using a new transport protocol	381
A device started using a new network protocol	373

And engineer is analyzing the Attacks Risk Report and finds that there are over 300 instances of new operating systems being seen on the network How is the Firepower configuration updated to protect these new operating systems?

A. Cisco Firepower automatically updates the policies.
B. The administrator requests a Remediation Recommendation Report from Cisco Firepower
C. Cisco Firepower gives recommendations to update the policies.
D. The administrator manually updates the policies.

Answer: C

Explanation:
Ref:
https://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-config-guide-v60/Tailor

NEW QUESTION 31
- (Exam Topic 5)
A hospital network needs to upgrade their Cisco FMC managed devices and needs to ensure that a disaster recovery process is in place. What must be done in

order to minimize downtime on the network?

A. Configure a second circuit to an ISP for added redundancy
B. Keep a copy of the current configuration to use as backup
C. Configure the Cisco FMCs for failover
D. Configure the Cisco FMC managed devices for clustering.

Answer: B

NEW QUESTION 32
- (Exam Topic 5)
An administrator is setting up Cisco Firepower to send data to the Cisco Stealthwatch appliances. The NetFlow_Set_Parameters object is already created, but NetFlow is not being sent to the flow collector. What must be done to prevent this from occurring?

A. Add the NetFlow_Send_Destination object to the configuration
B. Create a Security Intelligence object to send the data to Cisco Stealthwatch
C. Create a service identifier to enable the NetFlow service
D. Add the NetFlow_Add_Destination object to the configuration

Answer: B

NEW QUESTION 36
- (Exam Topic 5)
Which two considerations must be made when deleting and re-adding devices while managing them via Cisco FMC (Choose two).

A. Before re-adding the device In Cisco FMC, the manager must be added back.
B. The Cisco FMC web interface prompts users to re-apply access control policies.
C. Once a device has been deleted, It must be reconfigured before it is re-added to the Cisco FMC.
D. An option to re-apply NAT and VPN policies during registration is available, so users do not need to re-apply the polices after registration is completed.
E. There is no option to re-apply NAT and VPN policies during registration is available, so users need to re-apply the policies after registration is completed.

Answer: BE

NEW QUESTION 38
- (Exam Topic 5)
An engineer defines a new rule while configuring an Access Control Policy. After deploying the policy, the rule is not working as expected and the hit counters associated with the rule are showing zero. What is causing this error?

A. Logging is not enabled for the rule.
B. The rule was not enabled after being created.
C. The wrong source interface for Snort was selected in the rule.
D. An incorrect application signature was used in the rule.

Answer: B

NEW QUESTION 42
- (Exam Topic 5)
An engineer is configuring two new Cisco FTD devices to replace the existing high availability firewall pair in a highly secure environment. The information exchanged between the FTD devices over the failover link must be encrypted. Which protocol supports this on the Cisco FTD?

A. IPsec
B. SSH
C. SSL
D. MACsec

Answer: A

NEW QUESTION 46
- (Exam Topic 5)
Which CLI command is used to control special handling of clientHello messages?

A. system support ssl-client-hello-tuning
B. system support ssl-client-hello-display
C. system support ssl-client-hello-force-reset
D. system support ssl-client-hello-reset

Answer: D

NEW QUESTION 48
- (Exam Topic 5)
A network administrator has converted a Cisco FTD from using LDAP to LDAPS for VPN authentication. The Cisco FMC can connect to the LDAPS server, but the Cisco FTD is not connecting. Which configuration must be enabled on the Cisco FTD?

A. SSL must be set to a use TLSv1.2 or lower.
B. The LDAPS must be allowed through the access control policy.
C. DNS servers must be defined for name resolution.
D. The RADIUS server must be defined.

Answer: B

NEW QUESTION 50
- (Exam Topic 5)
A network administrator notices that inspection has been interrupted on all non-managed interfaces of a device. What is the cause of this?

A. The value of the highest MTU assigned to any non-management interface was changed.
B. The value of the highest MSS assigned to any non-management interface was changed.
C. A passive interface was associated with a security zone.
D. Multiple inline interface pairs were added to the same inline interface.

Answer: A

NEW QUESTION 51
- (Exam Topic 5)
An engineer is working on a LAN switch and has noticed that its network connection to the mime Cisco IPS has gone down Upon troubleshooting it is determined that the switch is working as expected What must have been implemented for this failure to occur?

A. The upstream router has a misconfigured routing protocol
B. Link-state propagation is enabled
C. The Cisco IPS has been configured to be in fail-open mode
D. The Cisco IPS is configured in detection mode

Answer: D

NEW QUESTION 53
- (Exam Topic 5)
What is the advantage of having Cisco Firepower devices send events to Cisco Threat response via the security services exchange portal directly as opposed to using syslog?

A. Firepower devices do not need to be connected to the internet.
B. All types of Firepower devices are supported.
C. Supports all devices that are running supported versions of Firepower
D. An on-premises proxy server does not need to set up and maintained

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/integrations/CTR/ Firepower_and_Cisco_Threat_Response_Integration_Guide.pdf

NEW QUESTION 57
- (Exam Topic 5)
An administrator receives reports that users cannot access a cloud-hosted web server. The access control policy was recently updated with several new policy additions and URL filtering. What must be done to troubleshoot the issue and restore access without sacrificing the organization's security posture?

A. Create a new access control policy rule to allow ports 80 and 443 to the FQDN of the web server.
B. Identify the blocked traffic in the Cisco FMC connection events to validate the block, and modify the policy to allow the traffic to the web server.
C. Verify the blocks using the packet capture tool and create a rule with the action monitor for the traffic.
D. Download a PCAP of the traffic attempts to verify the blocks and use the flexconfig objects to create a rule that allows only the required traffic to the destination server.

Answer: B

NEW QUESTION 59
- (Exam Topic 5)
A network administrator is deploying a Cisco IPS appliance and needs it to operate initially without affecting traffic flows.
It must also collect data to provide a baseline of unwanted traffic before being reconfigured to drop it. Which Cisco IPS mode meets these requirements?

A. failsafe
B. inline tap
C. promiscuous
D. bypass

Answer: B

NEW QUESTION 62
- (Exam Topic 5)
A security engineer must integrate an external feed containing STIX/TAXII data with Cisco FMC. Which feature must be enabled on the Cisco FMC to support this connection?

A. Cisco Success Network
B. Cisco Secure Endpoint Integration
C. Threat Intelligence Director
D. Security Intelligence Feeds

Answer: C

NEW QUESTION 66
- (Exam Topic 5)
administrator is configuring SNORT inspection policies and is seeing failed deployment messages in Cisco FMC . What information should the administrator generate for Cisco TAC to help troubleshoot?

A. A Troubleshoot" file for the device in question.
B. A "show tech" file for the device in question
C. A "show tech" for the Cisco FMC.
D. A "troubleshoot" file for the Cisco FMC

Answer: A

NEW QUESTION 67
- (Exam Topic 5)
A network engineer is extending a user segment through an FTD device for traffic inspection without creating another IP subnet How is this accomplished on an FTD device in routed mode?

A. by leveraging the ARP to direct traffic through the firewall
B. by assigning an inline set interface
C. by using a BVI and create a BVI IP address in the same subnet as the user segment
D. by bypassing protocol inspection by leveraging pre-filter rules

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config-guide-v64/trans

NEW QUESTION 68
- (Exam Topic 5)
An administrator is attempting to remotely log into a switch in the data centre using SSH and is unable to connect. How does the administrator confirm that traffic is reaching the firewall?

A. by running Wireshark on the administrator's PC
B. by performing a packet capture on the firewall.
C. by running a packet tracer on the firewall.
D. by attempting to access it from a different workstation.

Answer: B

NEW QUESTION 70
- (Exam Topic 5)
A network administrator needs to create a policy on Cisco Firepower to fast-path traffic to avoid Layer 7 inspection. The rate at which traffic is inspected must be optimized. What must be done to achieve this goal?

A. Enable lhe FXOS for multi-instance.
B. Configure a prefilter policy.
C. Configure modular policy framework.
D. Disable TCP inspection.

Answer: B

NEW QUESTION 74
- (Exam Topic 5)
A network engineer is receiving reports of users randomly getting disconnected from their corporate applications which traverses the data center FTD appliance Network monitoring tools show that the FTD appliance utilization is peaking above 90% of total capacity. What must be done in order to further analyze this issue?

A. Use the Packet Export feature to save data onto external drives
B. Use the Packet Capture feature to collect real-time network traffic
C. Use the Packet Tracer feature for traffic policy analysis
D. Use the Packet Analysis feature for capturing network data

Answer: B

NEW QUESTION 75
- (Exam Topic 5)
With a recent summer time change, system logs are showing activity that occurred to be an hour behind real time Which action should be taken to resolve this issue?

A. Manually adjust the time to the correct hour on all managed devices
B. Configure the system clock settings to use NTP with Daylight Savings checked
C. Manually adjust the time to the correct hour on the Cisco FMC.
D. Configure the system clock settings to use NTP

Answer: B

NEW QUESTION 79

- (Exam Topic 5)
After using Firepower for some time and learning about how it interacts with the network, an administrator is trying to correlate malicious activity with a user Which widget should be configured to provide this visibility on the Cisco Firepower dashboards?

A. Custom Analysis
B. Current Status
C. Current Sessions
D. Correlation Events

Answer: A

NEW QUESTION 81
- (Exam Topic 5)
A Cisco FTD device is running in transparent firewall mode with a VTEP bridge group member ingress interface. What must be considered by an engineer tasked with specifying a destination MAC address for a packet trace?

A. Only the UDP packet type is supported.
B. The output format option for the packet logs is unavailable.
C. The destination MAC address is optional if a VLAN ID value is entered.
D. The VLAN ID and destination MAC address are optional.

Answer: C

NEW QUESTION 85
- (Exam Topic 5)
An administrator is configuring a transparent Cisco FTD device to receive ERSPAN traffic from multiple switches on a passive port but the FTD is not processing the traffic What is the problem?

A. The switches do not have Layer 3 connectivity to the FTD device for GRE traffic transmission.
B. The FTD must be configured with an ERSPAN port, not a passive port.
C. The FTD must &e in routed mode to process ERSPAN traffic.
D. The switches were not set up with a monitor session ID (hat matches the flow ID defined on the FTD

Answer: C

NEW QUESTION 87
- (Exam Topic 5)
A security engineer must deploy a Cisco FTD appliance as a bump in the wire to detect intrusion events without disrupting the flow of network traffic. Which two features must be configured to accomplish the task? (Choose two.)

A. inline set pair
B. transparent mode
C. tapemode
D. passive interfaces
E. bridged mode

Answer: BC

NEW QUESTION 88
- (Exam Topic 5)
An organization has noticed that malware was downloaded from a website that does not currently have a known bad reputation. How will this issue be addresses globally in the quickest way possible and with the least amount of impact?

A. by denying outbound web access
B. Cisco Talos will automatically update the policies.
C. by Isolating the endpoint
D. by creating a URL object in the policy to block the website

Answer: D

NEW QUESTION 90
- (Exam Topic 5)
An engineer wants to change an existing transparent Cisco FTD to routed mode.
The device controls traffic between two network segments. Which action is mandatory to allow hosts to reestablish communication between these two segments after the change?

A. remove the existing dynamic routing protocol settings.
B. configure multiple BVIs to route between segments.
C. assign unique VLAN IDs to each firewall interface.
D. implement non-overlapping IP subnets on each segment.

Answer: D

NEW QUESTION 95
- (Exam Topic 5)
An engineer must define a URL object on Cisco FMC. What is the correct method to specify the URL without performing SSL inspection?

A. Use Subject Common Name value.
B. Specify all subdomains in the object group.
C. Specify the protocol in the object.
D. Include all URLs from CRL Distribution Points.

Answer: B

NEW QUESTION 96
- (Exam Topic 3)
How many report templates does the Cisco Firepower Management Center support?

A. 20
B. 10
C. 5
D. unlimited

Answer: D

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

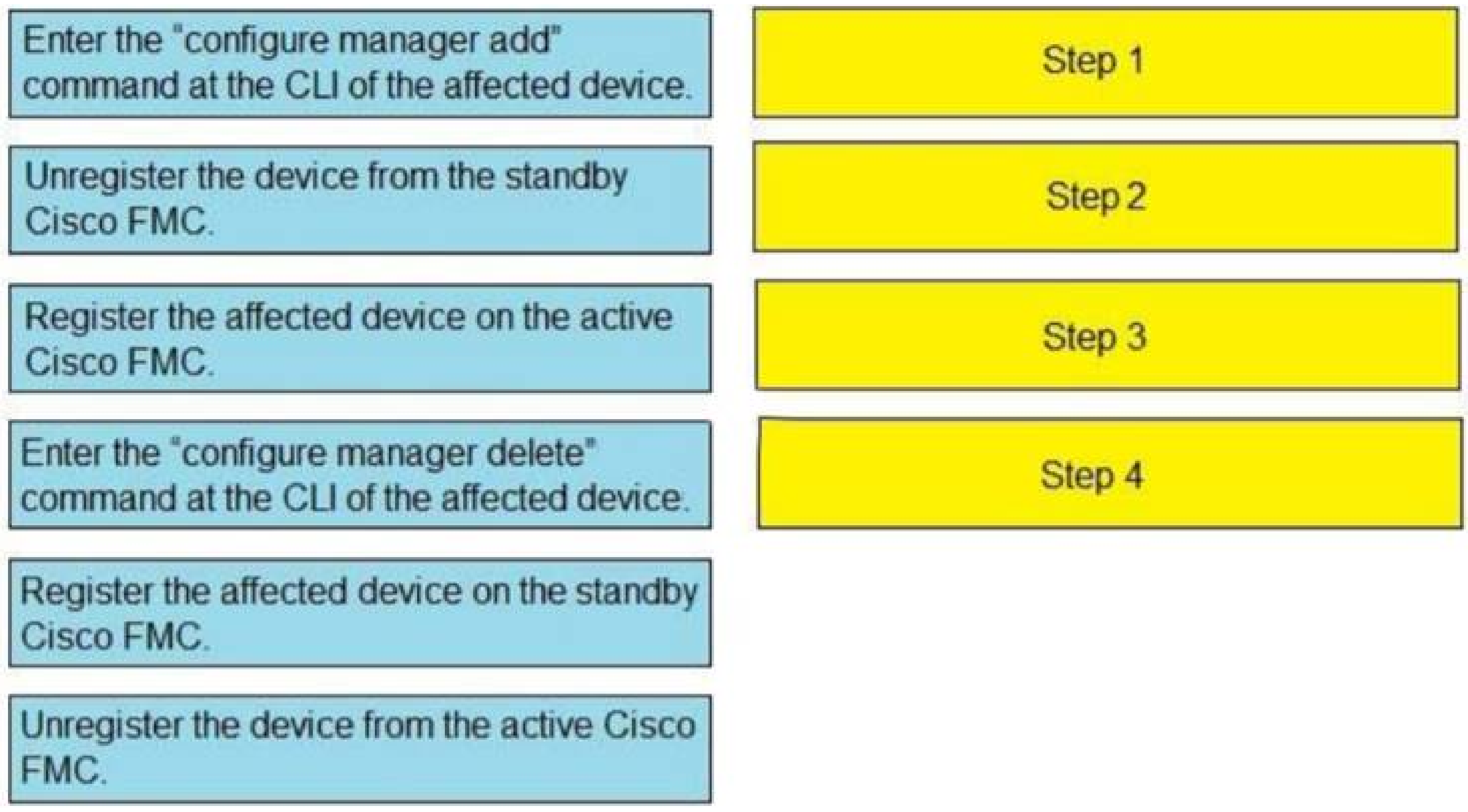
NEW QUESTION 100
- (Exam Topic 3)
A network engineer is configuring URL Filtering on Firepower Threat Defense. Which two port requirements on the Firepower Management Center must be validated to allow communication with the cloud service? (Choose two.)

A. outbound port TCP/443
B. inbound port TCP/80
C. outbound port TCP/8080
D. inbound port TCP/443
E. outbound port TCP/80

Answer: AE

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

NEW QUESTION 104
- (Exam Topic 3)
Drag and drop the steps to restore an automatic device registration failure on the standby Cisco FMC from the left into the correct order on the right. Not all options are used.



Enter the "configure manager add" command at the CLI of the affected device.

Unregister the device from the standby Cisco FMC.

Register the affected device on the active Cisco FMC.

Enter the "configure manager delete" command at the CLI of the affected device.

Register the affected device on the standby Cisco FMC.

Unregister the device from the active Cisco FMC.

Step 1

Step 2

Step 3

Step 4

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/620/configuration/guide/fpmc-config- guide-v62/firepower_management_center_high_availability.html#id_32288

NEW QUESTION 106
- (Exam Topic 4)
Which Cisco Advanced Malware Protection for Endpoints policy is used only for monitoring endpoint actively?

A. Windows domain controller
B. audit
C. triage
D. protection

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/security/amp-endpoints/214933-amp-for-endpoints- deployment-methodology.html

NEW QUESTION 111
- (Exam Topic 3)
Which command is run at the CLI when logged in to an FTD unit, to determine whether the unit is managed locally or by a remote FMC server?

A. system generate-troubleshoot
B. show configuration session
C. show managers
D. show running-config | include manager

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/command_ref/b_Command_Reference_for_Firepower_Threat_Defense/c_3.html

NEW QUESTION 112
- (Exam Topic 3)
Which group within Cisco does the Threat Response team use for threat analysis and research?

A. Cisco Deep Analytics
B. OpenDNS Group
C. Cisco Network Response
D. Cisco Talos

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/products/security/threat-response.html#~benefits

NEW QUESTION 114
- (Exam Topic 3)
Which report template field format is available in Cisco FMC?

A. box lever chart
B. arrow chart
C. bar chart
D. benchmark chart

Answer: C

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

NEW QUESTION 118
- (Exam Topic 3)
Which Cisco Firepower feature is used to reduce the number of events received in a period of time?

A. rate-limiting
B. suspending
C. correlation
D. thresholding

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firesight/541/firepower-module-user-guide/asa- firepower-module-user-guide-v541/Intrusion-Global-Threshold.html

NEW QUESTION 121
- (Exam Topic 3)
What is a behavior of a Cisco FMC database purge?

A. User login and history data are removed from the database if the User Activity check box is selected.

B. Data can be recovered from the device.
C. The appropriate process is restarted.
D. The specified data is removed from Cisco FMC and kept for two weeks.

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/620/configuration/guide/fpmc-config- guide-v62/management_center_database_purge.pdf

NEW QUESTION 124
- (Exam Topic 3)
Which two packet captures does the FTD LINA engine support? (Choose two.)

A. Layer 7 network ID
B. source IP
C. application ID
D. dynamic firewall importing
E. protocol

Answer: BE

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/security/firepower-ngfw/212474-working-with- firepower-threat-defense-f.html

NEW QUESTION 127
- (Exam Topic 2)
An organization is using a Cisco FTD and Cisco ISE to perform identity-based access controls. A network administrator is analyzing the Cisco FTD events and notices that unknown user traffic is being allowed through the firewall. How should this be addressed to block the traffic while allowing legitimate user traffic?

A. Modify the Cisco ISE authorization policy to deny this access to the user.
B. Modify Cisco ISE to send only legitimate usernames to the Cisco FTD.
C. Add the unknown user in the Access Control Policy in Cisco FTD.
D. Add the unknown user in the Malware & File Policy in Cisco FTD.

Answer: C

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/firepower/640/fdm/fptd-fdm-config-guide-640/fptd-fdm-identity

NEW QUESTION 129
- (Exam Topic 2)
In which two ways do access control policies operate on a Cisco Firepower system? (Choose two.)

A. Traffic inspection can be interrupted temporarily when configuration changes are deployed.
B. The system performs intrusion inspection followed by file inspection.
C. They can block traffic based on Security Intelligence data.
D. File policies use an associated variable set to perform intrusion prevention.
E. The system performs a preliminary inspection on trusted traffic to validate that it matches the trusted parameters.

Answer: AC

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

NEW QUESTION 132
- (Exam Topic 2)
A network administrator notices that remote access VPN users are not reachable from inside the network. It is determined that routing is configured correctly, however return traffic is entering the firewall but not leaving it What is the reason for this issue?

A. A manual NAT exemption rule does not exist at the top of the NAT table.
B. An external NAT IP address is not configured.
C. An external NAT IP address is configured to match the wrong interface.
D. An object NAT exemption rule does not exist at the top of the NAT table.

Answer: A

Explanation:
https://www.cisco.com/c/en/us/support/docs/security/firepower-management-center/212702-configure-and-verif

NEW QUESTION 135
- (Exam Topic 2)
An engineer configures a network discovery policy on Cisco FMC. Upon configuration, it is noticed that excessive and misleading events filing the database and overloading the Cisco FMC. A monitored NAT device is executing multiple updates of its operating system in a short period of time. What configuration change must be made to alleviate this issue?

A. Leave default networks.
B. Change the method to TCP/SYN.
C. Increase the number of entries on the NAT device.
D. Exclude load balancers and NAT devices.

Answer: D

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

NEW QUESTION 139
- (Exam Topic 2)
An administrator is creating interface objects to better segment their network but is having trouble adding interfaces to the objects. What is the reason for this failure?

A. The interfaces are being used for NAT for multiple networks.
B. The administrator is adding interfaces of multiple types.
C. The administrator is adding an interface that is in multiple zones.
D. The interfaces belong to multiple interface groups.

Answer: D

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/firepower/620/configuration/guide/fpmc-config-guide-v62/reusa "All interfaces in an interface object must be of the same type: all inline, passive, switched, routed, or ASA FirePOWER. After you create an interface object, you cannot change the type of interfaces it contains."

NEW QUESTION 142
- (Exam Topic 1)
On the advanced tab under inline set properties, which allows interfaces to emulate a passive interface?

A. transparent inline mode
B. TAP mode
C. strict TCP enforcement
D. propagate link state

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config- guide-v64/inline_sets_and_passive_interfaces_for_firepower_threat_defense.html

NEW QUESTION 143
- (Exam Topic 2)
Which Firepower feature allows users to configure bridges in routed mode and enables devices to perform Layer 2 switching between interfaces?

A. FlexConfig
B. BDI
C. SGT
D. IRB

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/620/relnotes/
Firepower_System_Release_Notes_Version_620/new_features_and_functionality.html

NEW QUESTION 144
- (Exam Topic 2)
Which two statements about bridge-group interfaces in Cisco FTD are true? (Choose two.)

A. The BVI IP address must be in a separate subnet from the connected network.
B. Bridge groups are supported in both transparent and routed firewall modes.
C. Bridge groups are supported only in transparent firewall mode.
D. Bidirectional Forwarding Detection echo packets are allowed through the FTD when using bridge-group members.
E. Each directly connected network must be on the same subnet.

Answer: BE

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/620/configuration/guide/fpmc-config- guide-v62/transparent_or_routed_firewall_mode_for_firepower_threat_defense.html

NEW QUESTION 148
- (Exam Topic 1)
Which firewall design allows a firewall to forward traffic at layer 2 and layer 3 for the same subnet?

A. Cisco Firepower Threat Defense mode
B. transparent mode
C. routed mode
D. integrated routing and bridging

Answer: B

NEW QUESTION 153
- (Exam Topic 1)
Which Cisco Firepower Threat Defense, which two interface settings are required when configuring a routed interface? (Choose two.)

A. Redundant Interface
B. EtherChannel
C. Speed
D. Media Type
E. Duplex

Answer: CE

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/firepower/610/fdm/fptd-fdm-config-guide-610/fptd-fdm- interfaces.html

NEW QUESTION 155
- (Exam Topic 1)
Which interface type allows packets to be dropped?

A. passive
B. inline
C. ERSPAN
D. TAP

Answer: B

Explanation:
Reference:
https://www.cisco.com/c/en/us/support/docs/security/firepower-ngfw/200908-configuring-firepower- threat-defense-int.html

NEW QUESTION 158
- (Exam Topic 1)
A network engineer implements a new Cisco Firepower device on the network to take advantage of its intrusion detection functionality. There is a requirement to analyze the traffic going across the device, alert on any malicious traffic, and appear as a bump in the wire How should this be implemented?

A. Specify the BVl IP address as the default gateway for connected devices.
B. Enable routing on the Cisco Firepower
C. Add an IP address to the physical Cisco Firepower interfaces.
D. Configure a bridge group in transparent mode.

Answer: D

Explanation:
Traditionally, a firewall is a routed hop and acts as a default gateway for hosts that connect to one of its screened subnets. A transparent firewall, on the other hand, is a Layer 2 firewall that acts like a “bump in the wire,” or a “stealth firewall,” and is not seen as a router hop to connected devices. However, like any other firewall, access control between interfaces is controlled, and all of the usual firewall checks are in place. Layer 2 connectivity is achieved by using a "bridge group" where you group together the inside and outside interfaces for a network, and the ASA uses bridging techniques to pass traffic between the interfaces. Each bridge group includes a Bridge Virtual Interface (BVI) to which you assign an IP address on the network. You can have multiple bridge groups for multiple networks. In transparent mode, these bridge groups cannot communicate with each other.
https://www.cisco.com/c/en/us/td/docs/security/asa/asa97/configuration/general/asa-97-general-config/intro-fw.

NEW QUESTION 161
- (Exam Topic 1)
With Cisco Firepower Threat Defense software, which interface mode must be configured to passively receive traffic that passes through the appliance?

A. inline set
B. passive
C. routed
D. inline tap

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config- guide-v64/interface_overview_for_firepower_threat_defense.html

NEW QUESTION 166
- (Exam Topic 1)
Which two conditions must be met to enable high availability between two Cisco FTD devices? (Choose two.)

A. same flash memory size
B. same NTP configuration
C. same DHCP/PPoE configuration
D. same host name
E. same number of interfaces

Answer: BE

Explanation:
https://www.cisco.com/c/en/us/support/docs/security/firepower-management-center/212699-configure-ftd-high- Conditions
In order to create an HA between 2 FTD devices, these conditions must be met: Same model
Same version (this applies to FXOS and to FTD - (major (first number), minor (second number), and maintenance (third number) must be equal))
Same number of interfaces
Same type of interfaces
Both devices as part of same group/domain in FMC
Have identical Network Time Protocol (NTP) configuration Be fully deployed on the FMC without uncommitted changes Be in the same firewall mode: routed or transparent.
Note that this must be checked on both FTD devices and FMC GUI since there have been cases where the FTDs had the same mode, but FMC does not reflect this.
Does not have DHCP/Point-to-Point Protocol over Ethernet (PPPoE) configured in any of the interface Different hostname (Fully Qualified Domain Name (FQDN)) for both chassis. In order to check the chassis
hostname navigate to FTD CLI and run this command

NEW QUESTION 169
- (Exam Topic 1)
Which two dynamic routing protocols are supported in Firepower Threat Defense without using FlexConfig? (Choose two.)

A. EIGRP
B. OSPF
C. static routing
D. IS-IS
E. BGP

Answer: BE

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/firepower/660/fdm/fptd-fdm-config-guide-660/fptd- fdm-routing.html

NEW QUESTION 173
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