Exam Questions 300-710

Securing Networks with Cisco Firepower (SNCF)

https://www.2passeasy.com/dumps/300-710/

NEW QUESTION 1
- (Exam Topic 5)
A network administrator is trying to convert from LDAP to LDAPS for VPN user authentication on a Cisco FTD. Which action must be taken on the Cisco FTD objects to accomplish this task?

A. Add a Key Chain object to acquire the LDAPS certificate.
B. Create a Certificate Enrollment object to get the LDAPS certificate needed.
C. Identify the LDAPS cipher suite and use a Cipher Suite List object to define the Cisco FTD connection requirements.
D. Modify the Policy List object to define the session requirements for LDAPS.

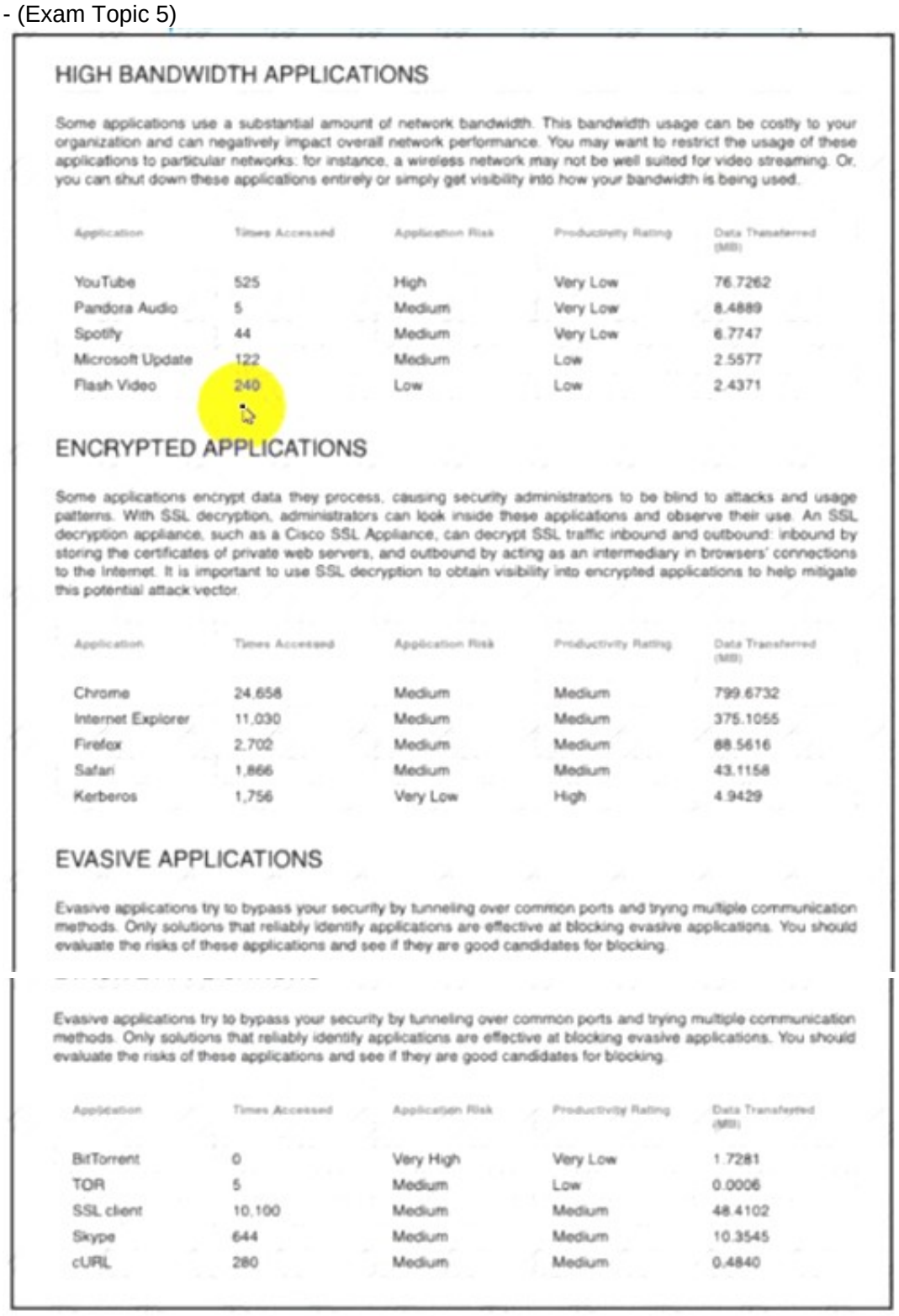
Answer: B

NEW QUESTION 2
- (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 3
- (Exam Topic 5)



HIGH BANDWIDTH APPLICATIONS

Some applications use a substantial amount of network bandwidth. This bandwidth usage can be costly to your organization and can negatively impact overall network performance. You may want to restrict the usage of these applications to particular networks: for instance, a wireless network may not be well suited for video streaming. Or, you can shut down these applications entirely or simply get visibility into how your bandwidth is being used.

Application	Times Accessed	Application Risk	Productivity Rating	Data Transferred (MB)
YouTube	525	High	Very Low	76.7262
Pandora Audio	5	Medium	Very Low	8.4889
Spotify	44	Medium	Very Low	6.7747
Microsoft Update	122	Medium	Low	2.5577
Flash Video	240	Low	Low	2.4371

ENCRYPTED APPLICATIONS

Some applications encrypt data they process, causing security administrators to be blind to attacks and usage patterns. With SSL decryption, administrators can look inside these applications and observe their use. An SSL decryption appliance, such as a Cisco SSL Appliance, can decrypt SSL traffic inbound and outbound: inbound by storing the certificates of private web servers, and outbound by acting as an intermediary in browsers' connections to the Internet. It is important to use SSL decryption to obtain visibility into encrypted applications to help mitigate this potential attack vector.

Application	Times Accessed	Application Risk	Productivity Rating	Data Transferred (MB)
Chrome	24,658	Medium	Medium	799.6732
Internet Explorer	11,030	Medium	Medium	375.1055
Firefox	2,702	Medium	Medium	88.5616
Safari	1,866	Medium	Medium	43.1158
Kerberos	1,756	Very Low	High	4.9429

EVASIVE APPLICATIONS

Evasive applications try to bypass your security by tunneling over common ports and trying multiple communication methods. Only solutions that reliably identify applications are effective at blocking evasive applications. You should evaluate the risks of these applications and see if they are good candidates for blocking.

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Application	Times Accessed	Application Risk	Productivity Rating	Data Transferred (MB)
BitTorrent	0	Very High	Very Low	1.7281
TOR	5	Medium	Low	0.0006
SSL client	10,100	Medium	Medium	48.4102
Skype	644	Medium	Medium	10.3545
cURL	280	Medium	Medium	0.4840

Refer to the exhibit. An engineer is analyzing a Network Risk Report from Cisco FMC. Which application must the engineer take immediate action against to prevent unauthorized network use?

A. Kerberos
B. YouTube
C. Chrome
D. TOR

Answer:

D

NEW QUESTION 4
- (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 5
- (Exam Topic 5)
What is a feature of Cisco AMP private cloud?

A. It supports anonymized retrieval of threat intelligence
B. It supports security intelligence filtering.
C. It disables direct connections to the public cloud.
D. It performs dynamic analysis

Answer: C

NEW QUESTION 6
- (Exam Topic 5)
A company is in the process of deploying intrusion protection with Cisco FTDs managed by a Cisco FMC. Which action must be selected to enable fewer rules detect only critical conditions and avoid false positives?

A. Connectivity Over Security
B. Balanced Security and Connectivity
C. Maximum Detection
D. No Rules Active

Answer: A

NEW QUESTION 7
- (Exam Topic 5)
What is a characteristic of bridge groups on a Cisco FTD?

A. In routed firewall mode, routing between bridge groups must pass through a routed interface.
B. In routed firewall mode, routing between bridge groups is supported.
C. In transparent firewall mode, routing between bridge groups is supported
D. Routing between bridge groups is achieved only with a router-on-a-stick configuration on a connected router

Answer: B

NEW QUESTION 8
- (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. flexconfig object for NetFlow
B. interface object to export NetFlow
C. security intelligence object for NetFlow
D. variable set object for NetFlow

Answer: A

NEW QUESTION 9
- (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 10
- (Exam Topic 5)
An organization is installing a new Cisco FTD appliance in the network. An engineer is tasked with configuring access between two network segments within the same IP subnet. Which step is needed to accomplish this task?

A. Assign an IP address to the Bridge Virtual Interface.
B. Permit BPDU packets to prevent loops.
C. Specify a name for the bridge group.
D. Add a separate bridge group for each segment.

Answer: A

NEW QUESTION 10
- (Exam Topic 5)
An engineer must configure a Cisco FMC dashboard in a child domain. Which action must be taken so that the dashboard is visible to the parent domain?

A. Add a separate tab.
B. Adjust policy inheritance settings.
C. Add a separate widget.
D. Create a copy of the dashboard.

Answer: D

NEW QUESTION 11
- (Exam Topic 5)
An engineer is configuring Cisco FMC and wants to limit the time allowed for processing packets through the interface However if the time is exceeded the configuration must allow packets to bypass detection What must be configured on the Cisco FMC to accomplish this task?

A. Fast-Path Rules Bypass
B. Cisco ISE Security Group Tag
C. Inspect Local Traffic Bypass
D. Automatic Application Bypass

Answer: D

NEW QUESTION 15
- (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.

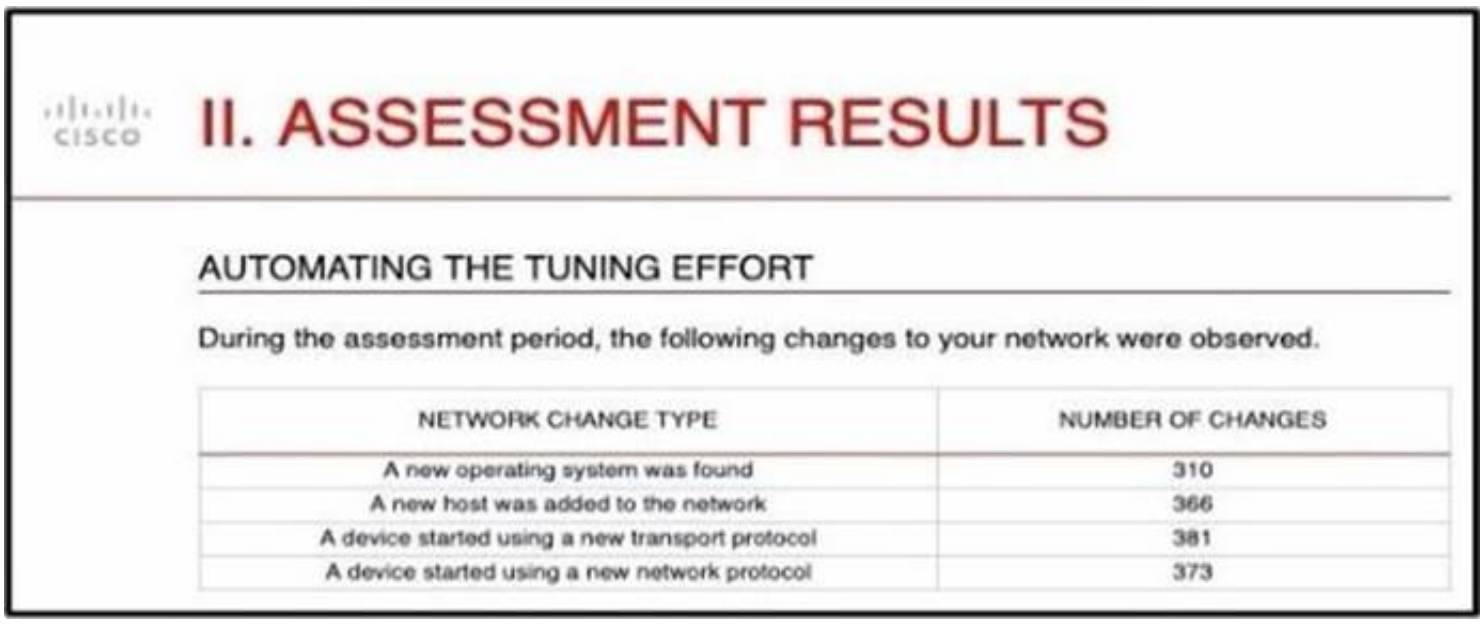
Answer: D

NEW QUESTION 19
- (Exam Topic 5)
A security engineer is adding three Cisco FTD devices to a Cisco FMC. Two of the devices have successfully registered to the Cisco FMC. The device that is unable to register is located behind a router that translates all outbound traffic to the router's WAN IP address. Which two steps are required for this device to register to the Cisco FMC? (Choose two.)

A. Reconfigure the Cisco FMC lo use the device's private IP address instead of the WAN address.
B. Configure a NAT ID on both the Cisco FMC and the device.
C. Add the port number being used for PAT on the router to the device's IP address in the Cisco FMC.
D. Reconfigure the Cisco FMC to use the device's hostname instead of IP address.
E. Remove the IP address defined for the device in the Cisco FMC.

Answer: BE

NEW QUESTION 23
- (Exam Topic 5)
Refer to the exhibit.



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 27
- (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 31
- (Exam Topic 5)
While integrating Cisco Umbrella with Cisco Threat Response, a network security engineer wants to automatically push blocking of domains from the Cisco Threat Response interface to Cisco Umbrella. Which API meets this requirement?

A. investigate
B. reporting
C. enforcement
D. REST

Answer: D

NEW QUESTION 34
- (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. All types of Cisco Firepower devices are supported.
B. An on-premises proxy server does not need to be set up and maintained.
C. Cisco Firepower devices do not need to be connected to the Internet.
D. Supports all devices that are running supported versions of Cisco Firepower.

Answer: B

NEW QUESTION 35
- (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 36
- (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 41
- (Exam Topic 5)
An engineer wants to perform a packet capture on the Cisco FTD to confirm that the host using IP address 192 168.100.100 has the MAC address of 0042 7734.103 to help troubleshoot a connectivity issue What is the correct tcpdump command syntax to ensure that the MAC address appears in the packet capture

output?

A. -nm src 192.168.100.100
B. -ne src 192.168.100.100
C. -w capture.pcap -s 1518 host 192.168.100.100 mac
D. -w capture.pcap -s 1518 host 192.168.100.100 ether

Answer: B

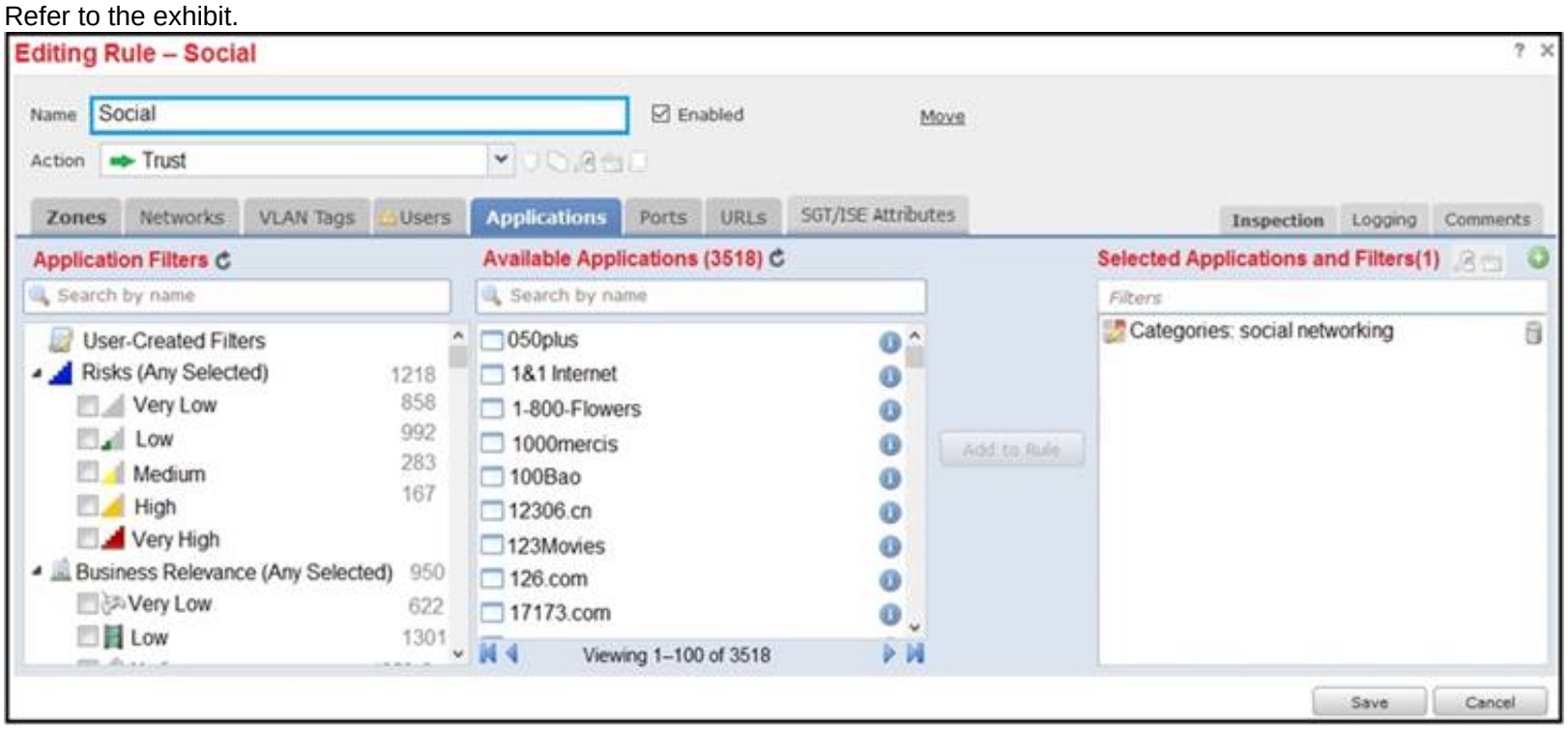
Explanation:
Reference:
https://www.cisco.com/c/en/us/support/docs/security/firepower-ngfw/212474-working-with-firepower-threat-de

NEW QUESTION 43
- (Exam Topic 5)
While configuring FTD, a network engineer wants to ensure that traffic passing through the appliance does not require routing or Vlan rewriting. Which interface mode should the engineer implement to accomplish this task?

A. passive
B. transparent
C. Inline tap
D. Inline set

Answer: B

NEW QUESTION 44
- (Exam Topic 5)
Refer to the exhibit.

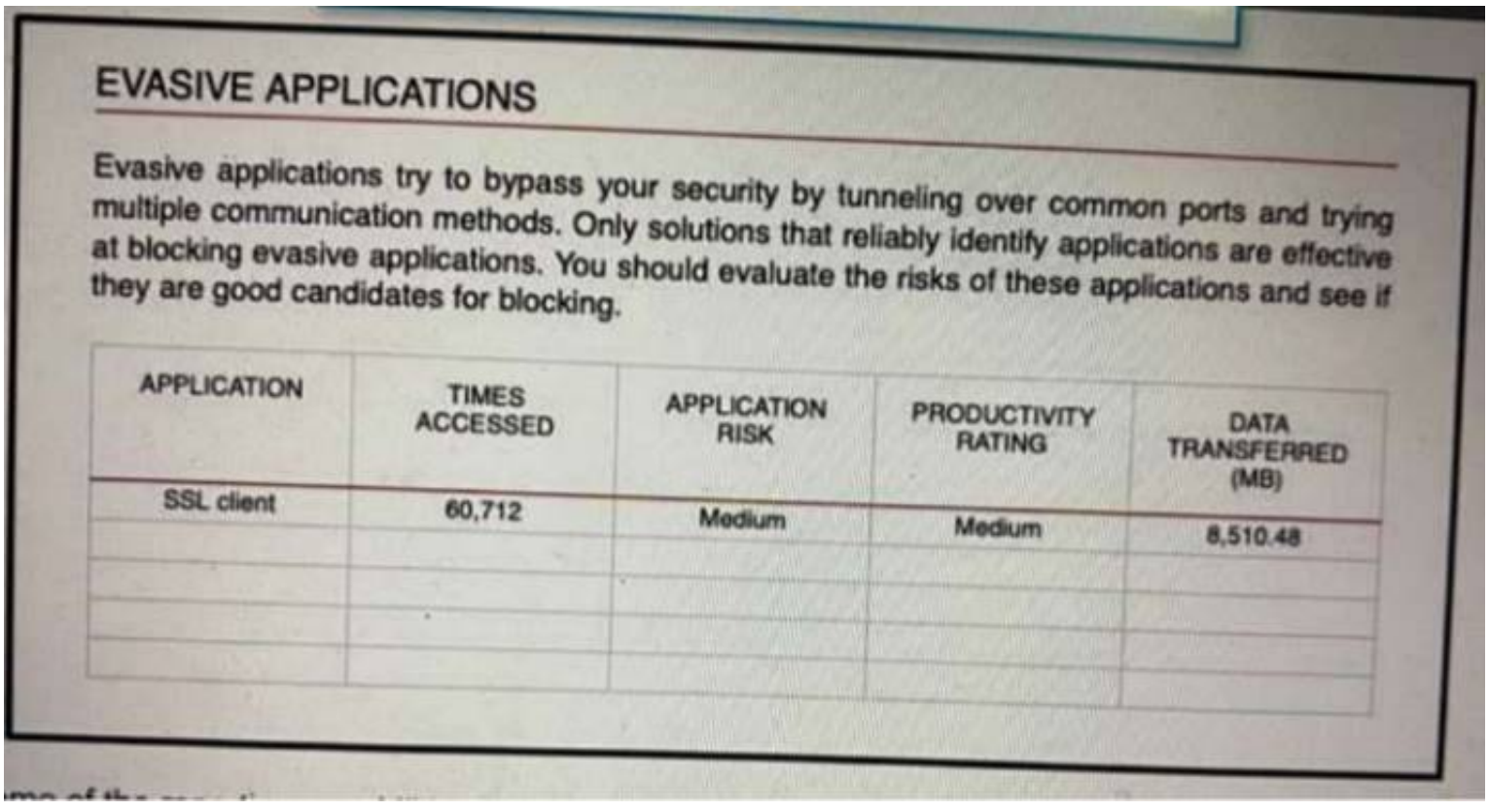


An organization has an access control rule with the intention of sending all social media traffic for inspection After using the rule for some time, the administrator notices that the traffic is not being inspected, but is being automatically allowed What must be done to address this issue?

A. Modify the selected application within the rule
B. Change the intrusion policy to connectivity over security.
C. Modify the rule action from trust to allow
D. Add the social network URLs to the block list

Answer: A

NEW QUESTION 45
- (Exam Topic 5)
Refer to the exhibit.



EVASIVE APPLICATIONS

Evasive applications try to bypass your security by tunneling over common ports and trying multiple communication methods. Only solutions that reliably identify applications are effective at blocking evasive applications. You should evaluate the risks of these applications and see if they are good candidates for blocking.

APPLICATION	TIMES ACCESSED	APPLICATION RISK	PRODUCTIVITY RATING	DATA TRANSFERRED (MB)
SSL client	60,712	Medium	Medium	8,510.48

An administrator is looking at some of the reporting capabilities for Cisco Firepower and noticed this section of the Network Risk report showing a lot of SSL activity that cloud be used for evasion. Which action will mitigate this risk?

A. Use SSL decryption to analyze the packets.
B. Use encrypted traffic analytics to detect attacks
C. Use Cisco AMP for Endpoints to block all SSL connection
D. Use Cisco Tetration to track SSL connections to servers.

Answer: A

NEW QUESTION 50
- (Exam Topic 5)
An engineer needs to configure remote storage on Cisco FMC. Configuration backups must be available from a secure location on the network for disaster recovery. Reports need to back up to a shared location that auditors can access with their Active Directory logins. Which strategy must the engineer use to meet these objectives?

A. Use SMB for backups and NFS for reports.
B. Use NFS for both backups and reports.
C. Use SMB for both backups and reports.
D. Use SSH for backups and NFS for reports.

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/firepower/640/configuration/guide/fpmc-config-guide-v64/syste “You cannot send backups to one remote system and reports to another, but you can choose to send either to a remote system and store the other on the Firepower Management Center.”

NEW QUESTION 55
- (Exam Topic 5)
An organization has implemented Cisco Firepower without IPS capabilities and now wants to enable inspection for their traffic. They need to be able to detect protocol anomalies and utilize the Snort rule sets to detect malicious behaviour. How is this accomplished?

A. Modify the access control policy to redirect interesting traffic to the engine
B. Modify the network discovery policy to detect new hosts to inspect
C. Modify the network analysis policy to process the packets for inspection
D. Modify the intrusion policy to determine the minimum severity of an event to inspect.

Answer: D

NEW QUESTION 56
- (Exam Topic 5)
What must be implemented on Cisco Firepower to allow multiple logical devices on a single physical device to have access to external hosts?

A. Add at least two container instances from the same module.
B. Set up a cluster control link between all logical devices
C. Add one shared management interface on all logical devices.
D. Define VLAN subinterfaces for each logical device.

Answer: C

NEW QUESTION 60
- (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 64
- (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 65
- (Exam Topic 5)
A network administrator registered a new FTD to an existing FMC. The administrator cannot place the FTD in transparent mode. Which action enables transparent mode?

A. Add a Bridge Group Interface to the FTD before transparent mode is configured.
B. Dereglster the FTD device from FMC and configure transparent mode via the CLI.
C. Obtain an FTD model that supports transparent mode.
D. Assign an IP address to two physical interfaces.

Answer: B

NEW QUESTION 66
- (Exam Topic 5)
A network engineer must provide redundancy between two Cisco FTD devices. The redundancy configuration must include automatic configuration, translation, and connection updates. After the initial configuration of the two appliances, which two steps must be taken to proceed with the redundancy configuration? (Choose two.)

A. Configure the virtual MAC address on the failover link.
B. Disable hellos on the inside interface.
C. Configure the standby IP addresses.
D. Ensure the high availability license is enabled.
E. Configure the failover link with stateful properties.

Answer: AC

NEW QUESTION 68
- (Exam Topic 5)
In a multi-tennent deployment where multiple domains are in use. which update should be applied outside of the Global Domain?

A. minor upgrade
B. local import of intrusion rules
C. Cisco Geolocation Database
D. local import of major upgrade

Answer: B

NEW QUESTION 73
- (Exam Topic 5)
An engineer wants to connect a single IP subnet through a Cisco FTD firewall and enforce policy. There is a requirement to present the internal IP subnet to the outside as a different IP address. What must be configured to meet these requirements?

A. Configure the downstream router to perform NAT.
B. Configure the upstream router to perform NAT.
C. Configure the Cisco FTD firewall in routed mode with NAT enabled.
D. Configure the Cisco FTD firewall in transparent mode with NAT enabled.

Answer: C

NEW QUESTION 77
- (Exam Topic 5)
An organization has a Cisco IPS running in inline mode and is inspecting traffic for malicious activity. When traffic is received by the Cisco IRS, if it is not dropped, how does the traffic get to its destination?

A. It is retransmitted from the Cisco IPS inline set.
B. The packets are duplicated and a copy is sent to the destination.
C. It is transmitted out of the Cisco IPS outside interface.
D. It is routed back to the Cisco ASA interfaces for transmission.

Answer: A

NEW QUESTION 78
- (Exam Topic 5)
An engineer is troubleshooting a file that is being blocked by a Cisco FTD device on the network. The user is reporting that the file is not malicious.
Which action does the engineer take to identify the file and validate whether or not it is malicious?

A. identify the file in the intrusion events and submit it to Threat Grid for analysis.
B. Use FMC file analysis to look for the file and select Analyze to determine its disposition.
C. Use the context explorer to find the file and download it to the local machine for investigation.
D. Right click the connection event and send the file to AMP for Endpoints to see if the hash is malicious.

Answer: A

NEW QUESTION 83
- (Exam Topic 5)
An administrator is adding a QoS policy to a Cisco FTD deployment. When a new rule is added to the policy and QoS is applied on 'Interfaces in Destination Interface Objects", no interface objects are available What is the problem?

A. The FTD is out of available resources lor us
B. so QoS cannot be added
C. The network segments that the interfaces are on do not have contiguous IP space
D. QoS is available only on routed interfaces, and this device is in transparent mode.
E. A conflict exists between the destination interface types that is preventing QoS from being added

Answer: C

NEW QUESTION 87
- (Exam Topic 5)
An engineer has been tasked with using Cisco FMC to determine if files being sent through the network are malware. Which two configuration tasks must be performed to achieve this file lookup? (Choose two).

A. The Cisco FMC needs to include a SSL decryption policy.
B. The Cisco FMC needs to connect to the Cisco AMP for Endpoints service.
C. The Cisco FMC needs to connect to the Cisco ThreatGrid service directly for sandboxing.
D. The Cisco FMC needs to connect with the FireAMP Cloud.
E. The Cisco FMC needs to include a file inspection policy for malware lookup.

Answer: BE

NEW QUESTION 91
- (Exam Topic 5)
Which firewall design will allow It to forward traffic at layers 2 and 3 for the same subnet?

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

Answer: C

Explanation:
Integrated routing and bridging (IRB) is a feature of Cisco Firepower Threat Defense (FTD) that allows the firewall to forward traffic at both layers 2 and 3 for the same subnet. In this mode, the firewall can act as a switch or a bridge to forward traffic at layer 2 and as a router to forward traffic at layer 3. This allows the firewall to maintain full control over the traffic, while still allowing it to forward traffic at both layers.
https://www.cisco.com/c/en/us/td/docs/security/firepower/ftd-config-guide/FTD-Config-Guide-v6/Integrated-Ro

NEW QUESTION 93
- (Exam Topic 5)
IT management is asking the network engineer to provide high-level summary statistics of the Cisco FTD appliance in the network. The business is approaching a peak season so the need to maintain business uptime is high. Which report type should be used to gather this information?

A. Malware Report
B. Standard Report
C. SNMP Report
D. Risk Report

Answer: B

NEW QUESTION 94
- (Exam Topic 5)
An engineer is setting up a new Firepower deployment and is looking at the default FMC policies to start the implementation During the initial trial phase, the organization wants to test some common Snort rules while still allowing the majority of network traffic to pass Which default policy should be used?

A. Maximum Detection
B. Security Over Connectivity
C. Balanced Security and Connectivity

D. Connectivity Over Security

Answer: C

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/firepower/623/fdm/fptd-fdm-config-guide-623/fptd-fdm-intrusio

NEW QUESTION 96
- (Exam Topic 5)
A network administrator is migrating from a Cisco ASA to a Cisco FTD. EIGRP is configured on the Cisco ASA but it is not available in the Cisco FMC.
Which action must the administrator take to enable this feature on the Cisco FTD?

A. Configure EIGRP parameters using FlexConfig objects.
B. Add the command feature eigrp via the FTD CLI.
C. Create a custom variable set and enable the feature in the variable set.
D. Enable advanced configuration options in the FMC.

Answer: A

NEW QUESTION 101
- (Exam Topic 5)
A network engineer is logged into the Cisco AMP for Endpoints console and sees a malicious verdict for an identified SHA-256 hash. Which configuration is needed to mitigate this threat?

A. Add the hash to the simple custom deletion list.
B. Use regular expressions to block the malicious file.
C. Enable a personal firewall in the infected endpoint.
D. Add the hash from the infected endpoint to the network block list.

Answer: A

NEW QUESTION 106
- (Exam Topic 5)
Drag and drop the configuration steps from the left into the sequence on the right to enable external authentication on Cisco FMC to a RADIUS server.

Select Authentication Method and RADIUS.	step 1
Configure the primary and secondary servers and user roles.	step 2
Select Users and External Authentication.	step 3
Add External Authentication Object.	step 4

A. Mastered
B. Not Mastered

Answer: A

Explanation:
4, 1, 2, 3

NEW QUESTION 107
- (Exam Topic 5)
Which protocol is needed to exchange threat details in rapid threat containment on Cisco FMC?

A. SGT
B. SNMP v3
C. BFD
D. pxGrid

Answer: D

NEW QUESTION 109
- (Exam Topic 5)
A network engineer is logged into the Cisco AMP for Endpoints console and sees a malicious verdict for an identified SHA-256 hash. Which configuration is needed to mitigate this threat?

A. Use regular expressions to block the malicious file.
B. Add the hash from the infected endpoint to the network block list.

C. Add the hash to the simple custom detection list.
D. Enable a personal firewall in the infected endpoint.

Answer: C

NEW QUESTION 114
- (Exam Topic 5)
The CEO ask a network administrator to present to management a dashboard that shows custom analysis tables for the top DNS queries URL category statistics, and the URL reputation statistics.
Which action must the administrator take to quickly produce this information for management?

A. Run the Attack report and filter on DNS to show this information.
B. Create a new dashboard and add three custom analysis widgets that specify the tables needed.
C. Modify the Connection Events dashboard to display the information in a view for management.
D. Copy the intrusion events dashboard tab and modify each widget to show the correct charts.

Answer: B

NEW QUESTION 118
- (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 121
- (Exam Topic 5)
A company wants a solution to aggregate the capacity of two Cisco FTD devices to make the best use of resources such as bandwidth and connections per second. Which order of steps must be taken across the Cisco FTDs with Cisco FMC to meet this requirement?

A. Configure the Cisco FTD interfaces, add members to FMC, configure cluster members in FMC, and create cluster in Cisco FMC.
B. Add members to Cisco FMC, configure Cisco FTD interfaces in Cisco FM
C. configure cluster members in Cisco FMC, create cluster in Cisco FM
D. and configure cluster members in Cisco FMC.
E. Configure the Cisco FTD interfaces and cluster members, add members to Cisco FM
F. and create the cluster in Cisco FMC.
G. Add members to the Cisco FMC, configure Cisco FTD interfaces, create the cluster in Cisco FMC, and configure cluster members in Cisco FMC.

Answer: D

NEW QUESTION 126
- (Exam Topic 5)
An engineer has been tasked with providing disaster recovery for an organization's primary Cisco FMC. What must be done on the primary and secondary Cisco FMCs to ensure that a copy of the original corporate policy is available if the primary Cisco FMC fails?

A. Configure high-availability in both the primary and secondary Cisco FMCs
B. Connect the primary and secondary Cisco FMC devices with Category 6 cables of not more than 10 meters in length.
C. Place the active Cisco FMC device on the same trusted management network as the standby device
D. Restore the primary Cisco FMC backup configuration to the secondary Cisco FMC device when the primary device fails

Answer: D

NEW QUESTION 130
- (Exam Topic 5)
An engineer is configuring a cisco FTD appliance in IPS-only mode and needs to utilize fail-to-wire interfaces. Which interface mode should be used to meet these requirements?

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

Answer: D

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

NEW QUESTION 134
- (Exam Topic 5)
Network traffic coining from an organization's CEO must never be denied. Which access control policy configuration option should be used if the deployment engineer is not permitted to create a rule to allow all traffic?

A. Configure firewall bypass.
B. Change the intrusion policy from security to balance.
C. Configure a trust policy for the CEO.
D. Create a NAT policy just for the CEO.

Answer: C

NEW QUESTION 137
- (Exam Topic 5)
A security engineer must configure a Cisco FTD appliance to inspect traffic coming from the internet. The Internet traffic will be mirrored from the Cisco Catalyst 9300 Switch. Which configuration accomplishes the task?

A. Set interface configuration mode to none.
B. Set the firewall mode to transparent.
C. Set the firewall mode to routed.
D. Set interface configuration mode to passive.

Answer: D

NEW QUESTION 139
- (Exam Topic 5)
A network administrator is troubleshooting access to a website hosted behind a Cisco FTD device External clients cannot access the web server via HTTPS The IP address configured on the web server is 192 168 7.46 The administrator is running the command capture CAP interface outside match ip any 192.168.7.46 255.255.255.255 but cannot see any traffic in the capture Why is this occurring?

A. The capture must use the public IP address of the web server.
B. The FTD has no route to the web server.
C. The access policy is blocking the traffic.
D. The packet capture shows only blocked traffic

Answer: A

NEW QUESTION 143
- (Exam Topic 5)
An engineer runs the command restore remote-manager-backup location 2.2.2.2 admin /Volume/home/admin FTD408566513.zip on a Cisco FMC. After connecting to the repository, the Cisco FTD device is unable to accept the backup file. What is the reason for this failure?

A. The backup file is not in .cfg format.
B. The wrong IP address is used.
C. The backup file extension was changed from .tar to .zip.
D. The directory location is incorrect.

Answer: C

Explanation:
Reference: https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/BRKSEC-3455.pdf

NEW QUESTION 145
- (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 149
- (Exam Topic 5)
An administrator must use Cisco FMC to install a backup route within the Cisco FTD to route traffic in case of a routing failure with the primary route. Which action accomplishes this task?

A. Install the static backup route and modify the metric to be less than the primary route.
B. Configure EIGRP routing on the FMC to ensure that dynamic routes are always updated.
C. Use a default route on the FMC instead of having multiple routes contending for priority.
D. Create the backup route and use route tracking on both routes to a destination IP address in the network.

Answer: A

NEW QUESTION 152
- (Exam Topic 5)
A network administrator is configuring a site-to-site IPsec VPN to a router sitting behind a Cisco FTD. The administrator has configured an access policy to allow traffic to this device on UDP 500, 4500, and ESP VPN traffic is not working. Which action resolves this issue?

A. Set the allow action in the access policy to trust.

B. Enable IPsec inspection on the access policy.
C. Modify the NAT policy to use the interface PAT.
D. Change the access policy to allow all ports.

Answer: B

NEW QUESTION 153
- (Exam Topic 5)
A security engineer is deploying a pair of primary and secondary Cisco FMC devices. The secondary must also receive updates from Cisco Talos. Which action achieves this goal?

A. Force failover for the secondary Cisco FMC to synchronize the rule updates from the primary.
B. Configure the secondary Cisco FMC so that it receives updates from Cisco Talos.
C. Manually import rule updates onto the secondary Cisco FMC device.
D. Configure the primary Cisco FMC so that the rules are updated.

Answer: D

NEW QUESTION 155
- (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 159
- (Exam Topic 5)
An engineer has been asked to show application usages automatically on a monthly basis and send the information to management What mechanism should be used to accomplish this task?

A. event viewer
B. reports
C. dashboards
D. context explorer

Answer: B

NEW QUESTION 161
- (Exam Topic 4)
What is a valid Cisco AMP file disposition?

A. non-malicious
B. malware
C. known-good
D. pristine

Answer: B

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

NEW QUESTION 165
- (Exam Topic 4)
Which connector is used to integrate Cisco ISE with Cisco FMC for Rapid Threat Containment?

A. pxGrid
B. FTD RTC
C. FMC RTC
D. ISEGrid

Answer: A

NEW QUESTION 169
- (Exam Topic 5)
An analyst is reviewing the Cisco FMC reports for the week. They notice that some peer-to-peer applications are being used on the network and they must identify which poses the greatest risk to the environment. Which report gives the analyst this information?

A. Attacks Risk Report
B. User Risk Report
C. Network Risk Report

D. Advanced Malware Risk Report

Answer: C

NEW QUESTION 170
- (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 173
- (Exam Topic 5)
An engineer has been tasked with using Cisco FMC to determine if files being sent through the network are malware. Which two configuration takes must be performed to achieve this file lookup? (Choose two.)

A. The Cisco FMC needs to include a SSL decryption policy.
B. The Cisco FMC needs to connect to the Cisco AMP for Endpoints service.
C. The Cisco FMC needs to connect to the Cisco ThreatGrid service directly for sandboxing.
D. The Cisco FMC needs to connect with the FireAMP Cloud.
E. The Cisco FMC needs to include a file inspection policy for malware lookup.

Answer: DE

NEW QUESTION 174
- (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 176
- (Exam Topic 3)
After deploying a network-monitoring tool to manage and monitor networking devices in your organization, you realize that you need to manually upload an MIB for the Cisco FMC. In which folder should you upload the MIB file?

A. /etc/sf/DCMIB.ALERT
B. /sf/etc/DCEALERT.MIB
C. /etc/sf/DCEALERT.MIB
D. system/etc/DCEALERT.MIB

Answer: C

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-External-Responses.pdf

NEW QUESTION 177
- (Exam Topic 3)
Which command must be run to generate troubleshooting files on an FTD?

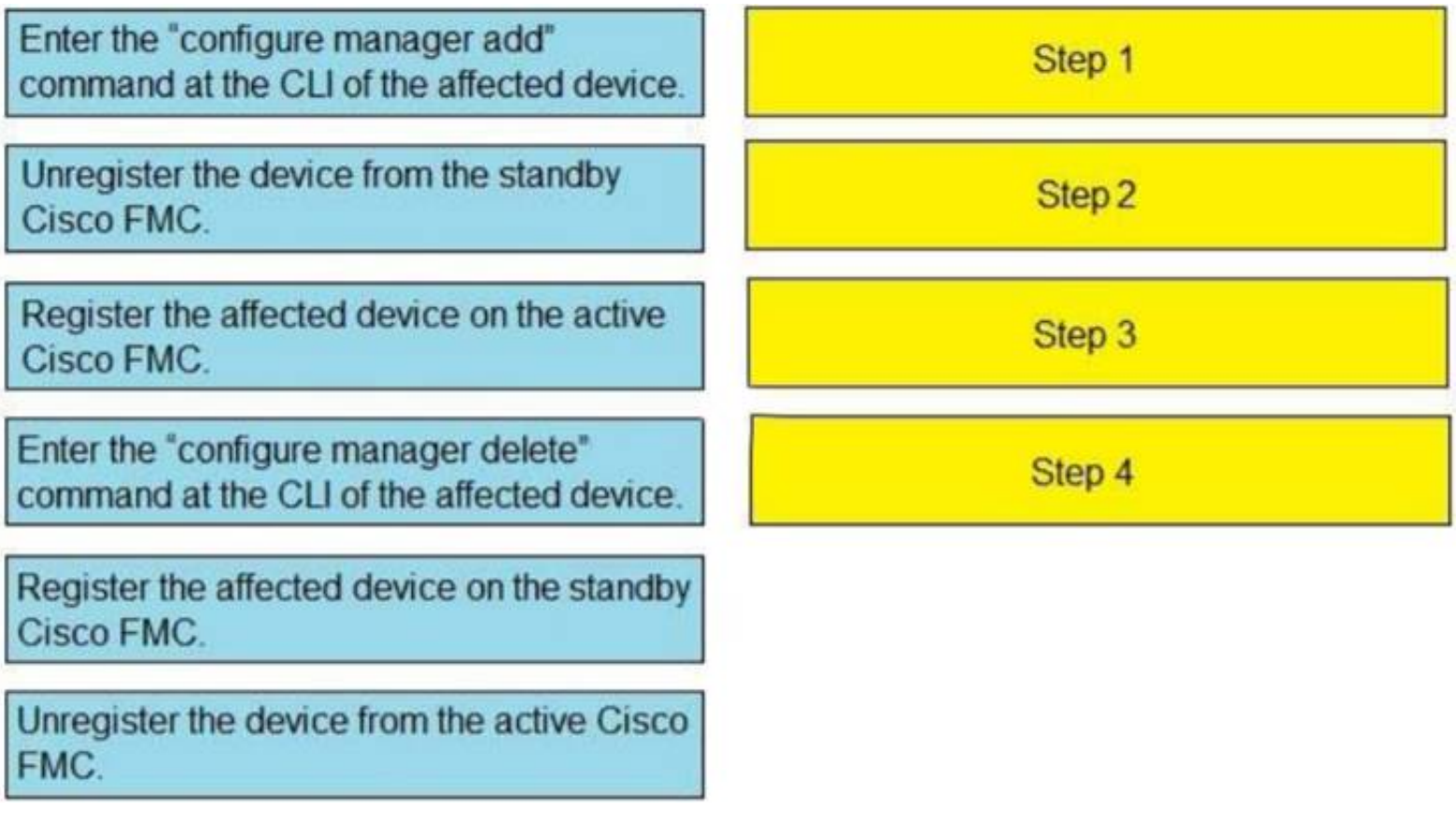
A. system support view-files
B. sudo sf_troubleshoot.pl
C. system generate-troubleshoot all
D. show tech-support

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/security/sourcefire-defense-center/117663-technote- SourceFire-00.html

NEW QUESTION 182
- (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.



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 184
- (Exam Topic 4)
Which two features of Cisco AMP for Endpoints allow for an uploaded file to be blocked? (Choose two.)

A. application blocking
B. simple custom detection
C. file repository
D. exclusions
E. application whitelisting

Answer: AB

NEW QUESTION 185
- (Exam Topic 3)
Which action should be taken after editing an object that is used inside an access control policy?

A. Delete the existing object in use.
B. Refresh the Cisco FMC GUI for the access control policy.
C. Redeploy the updated configuration.
D. Create another rule using a different object name.

Answer: C

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

NEW QUESTION 186
- (Exam Topic 3)
Which command is typed at the CLI on the primary Cisco FTD unit to temporarily stop running high- availability?

A. configure high-availability resume
B. configure high-availability disable
C. system support network-options
D. configure high-availability suspend

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/610/configuration/guide/fpmc-config- guide-v61/firepower_threat_defense_high_availability.html

NEW QUESTION 191

- (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 193
- (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 198
- (Exam Topic 3)
What is the maximum bit size that Cisco FMC supports for HTTPS certificates?

A. A.-1024B.8192C.4096D.2048

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/610/configuration/guide/fpmc-config- guide-v61/system_configuration.html

NEW QUESTION 200
- (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 203
- (Exam Topic 3)
Which command is entered in the Cisco FMC CLI to generate a troubleshooting file?

A. show running-config
B. show tech-support chassis
C. system support diagnostic-cli
D. sudo sf_troubleshoot.pl

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/support/docs/security/sourcefire-defense-center/117663-technote- SourceFire-00.html

NEW QUESTION 208
- (Exam Topic 3)
Which command-line mode is supported from the Cisco Firepower Management Center CLI?

A. privileged
B. user
C. configuration
D. admin

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/660/configuration/guide/fpmc-config- guide-v66/command_line_reference.pdf

NEW QUESTION 211
- (Exam Topic 2)
A company is in the process of deploying intrusion prevention with Cisco FTDs managed by a Cisco FMC. An engineer must configure policies to detect potential intrusions but not block the suspicious traffic. Which action accomplishes this task?

A. Configure IDS mode when creating or editing a policy rule under the Cisco FMC Intrusion tab in Access Policies section by unchecking the "Drop when inline" option.
B. Configure IPS mode when creating or editing a policy rule under the Cisco FMC Intrusion tab in Access Policies section by checking the "Drop when inline" option.
C. Configure IPS mode when creating or editing a policy rule under the Cisco FMC Intrusion tab in Access Policies section by unchecking the "Drop when inline" option.
D. Configure IDS mode when creating or editing a policy rule under the Cisco FMC Intrusion tab in Access Policies section by checking the "Drop when inline" option.

Answer: A

NEW QUESTION 214
- (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 219
- (Exam Topic 2)
Which two routing options are valid with Cisco Firepower Threat Defense? (Choose two.)

A. BGPv6
B. ECMP with up to three equal cost paths across multiple interfaces
C. ECMP with up to three equal cost paths across a single interface
D. BGPv4 in transparent firewall mode
E. BGPv4 with nonstop forwarding

Answer: AC

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/601/configuration/guide/fpmc-config- guide-v601/fpmc-config-guide-v60_chapter_01100011.html#ID-2101-0000000e

NEW QUESTION 222
- (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 225
- (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 229
- (Exam Topic 2)
When creating a report template, how can the results be limited to show only the activity of a specific subnet?

A. Create a custom search in Firepower Management Center and select it in each section of the report.
B. Add an Input Parameter in the Advanced Settings of the report, and set the type to Network/IP.
C. Add a Table View section to the report with the Search field defined as the network in CIDR format.
D. Select IP Address as the X-Axis in each section of the report.

Answer: B

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firesight/541/user-guide/FireSIGHT-System- UserGuide-v5401/Reports.html#87267

NEW QUESTION 230
- (Exam Topic 2)
Which object type supports object overrides?

A. time range
B. security group tag
C. network object
D. DNS server group

Answer: C

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-config-guide-v60/Reusable_Objects.html#concept_8BFE8B9A83D742D9B647A74F7AD50053

NEW QUESTION 233
- (Exam Topic 2)
What is the result of specifying of QoS rule that has a rate limit that is greater than the maximum throughput of an interface?

A. The rate-limiting rule is disabled.
B. Matching traffic is not rate limited.
C. The system rate-limits all traffic.
D. The system repeatedly generates warnings.

Answer: B

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

NEW QUESTION 236
- (Exam Topic 2)
Which command is run on an FTD unit to associate the unit to an FMC manager that is at IP address 10.0.0.10, and that has the registration key Cisco123?

A. configure manager local 10.0.0.10 Cisco123
B. configure manager add Cisco123 10.0.0.10
C. configure manager local Cisco123 10.0.0.10
D. configure manager add 10.0.0.10 Cisco123

Answer: D

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/misc/fmc-ftd-mgmt-nw/fmc-ftd-mgmt- nw.html#id_106101

NEW QUESTION 238
- (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 240
- (Exam Topic 1)
An engineer must configure high availability for the Cisco Firepower devices. The current network topology does not allow for two devices to pass traffic concurrently. How must the devices be implemented in this environment?

A. in active/active mode
B. in a cluster span EtherChannel
C. in active/passive mode
D. in cluster interface mode

Answer: C

NEW QUESTION 245
- (Exam Topic 1)
Which policy rule is included in the deployment of a local DMZ during the initial deployment of a Cisco NGFW through the Cisco FMC GUI?

A. a default DMZ policy for which only a user can change the IP addresses.
B. deny ip any
C. no policy rule is included
D. permit ip any

Answer: C

NEW QUESTION 247
- (Exam Topic 1)
An engineer is tasked with deploying an internal perimeter firewall that will support multiple DMZs Each DMZ has a unique private IP subnet range. How is this requirement satisfied?

A. Deploy the firewall in transparent mode with access control policies.
B. Deploy the firewall in routed mode with access control policies.
C. Deploy the firewall in routed mode with NAT configured.
D. Deploy the firewall in transparent mode with NAT configured.

Answer: C

Explanation:
Reference:
https://www.cisco.com/c/en/us/td/docs/security/asa/asa96/configuration/general/asa-96-general-config/intro-fw.

NEW QUESTION 250
- (Exam Topic 1)
An engineer is building a new access control policy using Cisco FMC. The policy must inspect a unique IPS policy as well as log rule matching. Which action must be taken to meet these requirements?

A. Configure an IPS policy and enable per-rule logging.
B. Disable the default IPS policy and enable global logging.
C. Configure an IPS policy and enable global logging.
D. Disable the default IPS policy and enable per-rule logging.

Answer: C

NEW QUESTION 252
- (Exam Topic 1)
What are two application layer preprocessors? (Choose two.)

A. CIFS
B. IMAP
C. SSL
D. DNP3
E. ICMP

Answer: BC

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

NEW QUESTION 254
- (Exam Topic 1)
What are the minimum requirements to deploy a managed device inline?

A. inline interfaces, security zones, MTU, and mode
B. passive interface, MTU, and mode
C. inline interfaces, MTU, and mode

D. passive interface, security zone, MTU, and mode

Answer: C

Explanation:
Reference: https://www.cisco.com/c/en/us/td/docs/security/firepower/650/configuration/guide/fpmc-config- guide-v65/ips_device_deployments_and_configuration.html

NEW QUESTION 255
- (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 257
- (Exam Topic 1)
An engineer is configuring a Cisco IPS to protect the network and wants to test a policy before deploying it. A copy of each incoming packet needs to be monitored while traffic flow remains constant. Which IPS mode should be implemented to meet these requirements?

A. Inline tap
B. passive
C. transparent
D. routed

Answer: A

NEW QUESTION 259
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