Cisco

Exam Questions 300-710

Securing Networks with Cisco Firepower (SNCF)

NEW QUESTION 1
- (Exam Topic 5)
A user within an organization opened a malicious file on a workstation which in turn caused a ransomware attack on the network. What should be configured within the Cisco FMC to ensure the file is tested for viruses on a sandbox system?

A. Capacity handling
B. Local malware analysis
C. Spere analysis
D. Dynamic analysis

Answer: D

NEW QUESTION 2
- (Exam Topic 5)
An engineer integrates Cisco FMC and Cisco ISE using pxGrid. Which role is assigned for Cisco FMC?

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

Answer: C

NEW QUESTION 3
- (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 4
- (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 5
- (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 6
- (Exam Topic 5)
A network engineer wants to add a third-party threat feed into the Cisco FMC for enhanced threat detection Which action should be taken to accomplish this goal?

A. Enable Threat Intelligence Director using STIX and TAXII
B. Enable Rapid Threat Containment using REST APIs
C. Enable Threat Intelligence Director using REST APIs
D. Enable Rapid Threat Containment using STIX and TAXII

Answer: A

NEW QUESTION 7
- (Exam Topic 5)

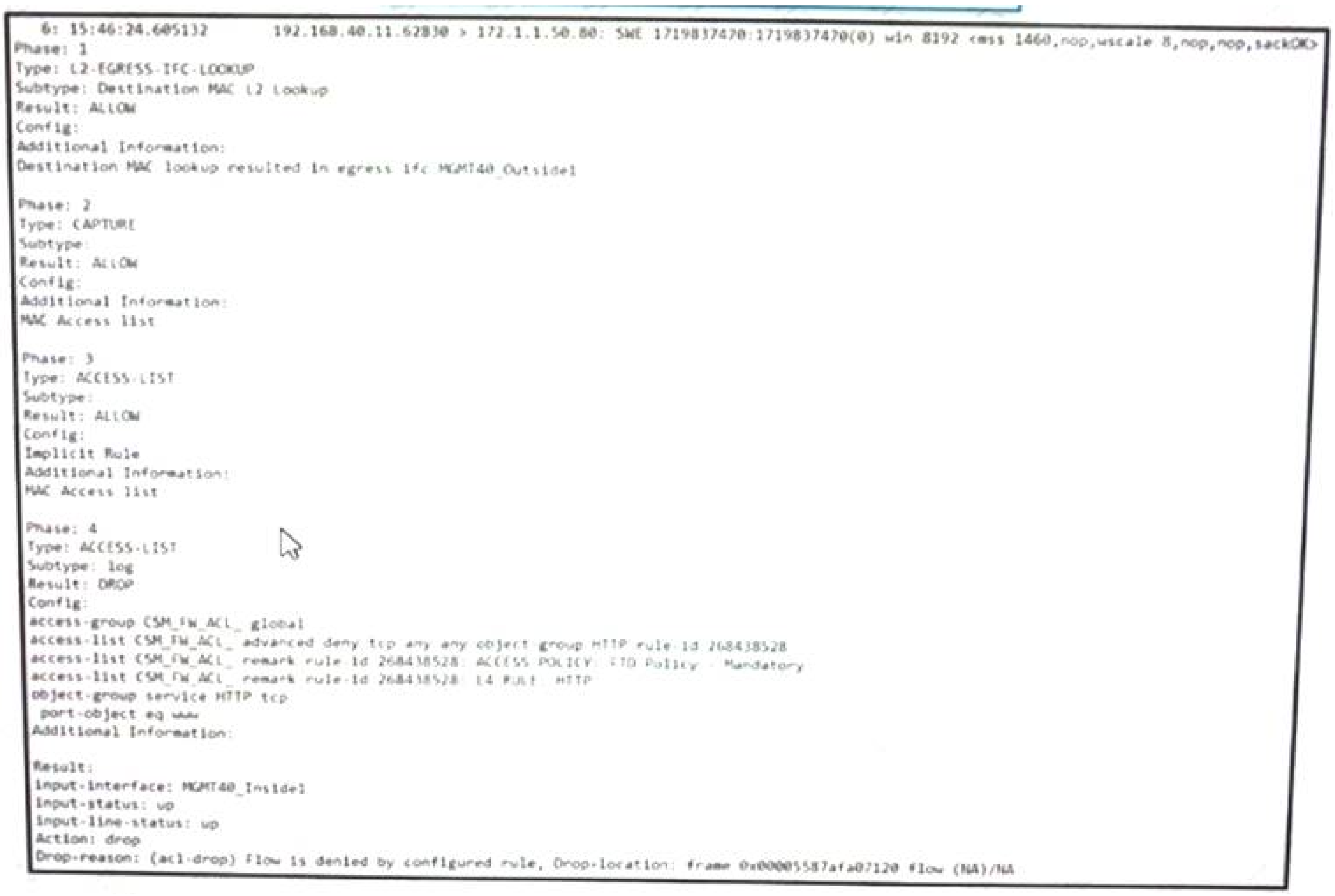
An engineer must build redundancy into the network and traffic must continuously flow if a redundant switch in front of the firewall goes down. What must be configured to accomplish this task?

A. redundant interfaces on the firewall cluster mode and switches
B. redundant interfaces on the firewall noncluster mode and switches
C. vPC on the switches to the interface mode on the firewall duster
D. vPC on the switches to the span EtherChannel on the firewall cluster

Answer: D

Explanation:
Reference: https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2018/pdf/BRKSEC-2020.pdf

NEW QUESTION 8
- (Exam Topic 5)
Refer to the exhibit.



```
   6: 15:46:24.605132       192.168.40.11.62830 > 172.1.1.50.80: SWE 1719837470:1719837470(0) win 8192 <mss 1460,nop,wscale 8,nop,nop,sackOK>
Phase: 1
Type: L2-EGRESS-IFC-LOOKUP
Subtype: Destination MAC L2 Lookup
Result: ALLOW
Config:
Additional Information:
Destination MAC lookup resulted in egress ifc MGMT40_Outside1

Phase: 2
Type: CAPTURE
Subtype:
Result: ALLOW
Config:
Additional Information:
MAC Access list

Phase: 3
Type: ACCESS-LIST
Subtype:
Result: ALLOW
Config:
Implicit Rule
Additional Information:
MAC Access list

Phase: 4
Type: ACCESS-LIST
Subtype: log
Result: DROP
Config:
access-group CSM_FW_ACL_ global
access-list CSM_FW_ACL_ advanced deny tcp any any object group HTTP rule-id 268438528
access-list CSM_FW_ACL_ remark rule-id 268438528: ACCESS POLICY: FTD Policy - Mandatory
access-list CSM_FW_ACL_ remark rule-id 268438528: L4 RULE: HTTP
object-group service HTTP tcp
 port-object eq www
Additional Information:

Result:
input-interface: MGMT40_Inside1
input-status: up
input-line-status: up
Action: drop
Drop-reason: (acl-drop) Flow is denied by configured rule, Drop-location: frame 0x00005587afa07120 flow (NA)/NA
```

What must be done to fix access to this website while preventing the same communication to all other websites?

A. Create an intrusion policy rule to have Snort allow port 80 to only 172.1.1 50.
B. Create an access control policy rule to allow port 80 to only 172.1.1 50.
C. Create an intrusion policy rule to have Snort allow port 443 to only 172.1.1.50
D. Create an access control policy rule to allow port 443 to only 172.1.1 50

Answer: B

NEW QUESTION 9
- (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 10
- (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 11
- (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 12
- (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 13
- (Exam Topic 5)
An engineer is troubleshooting connectivity to the DNS servers from hosts behind a new Cisco FTD device. The hosts cannot send DNS queries to servers in the DMZ. Which action should the engineer take to troubleshoot this issue using the real DNS packets?

A. Use the Connection Events dashboard to check the block reason and adjust the inspection policy as needed.
B. Use the packet capture tool to check where the traffic is being blocked and adjust the access control or intrusion policy as needed.
C. Use the packet tracer tool to determine at which hop the packet is being dropped.
D. Use the show blocks command in the Threat Defense CLI tool and create a policy to allow the blockedtraffic.

Answer: A

NEW QUESTION 14
- (Exam Topic 5)
Upon detecting a flagrant threat on an endpoint, which two technologies instruct Cisco Identity Services Engine to contain the infected endpoint either manually or automatically? (Choose two.)

A. Cisco ASA 5500 Series
B. Cisco FMC
C. Cisco AMP
D. Cisco Stealthwatch
E. Cisco ASR 7200 Series

Answer: CD

NEW QUESTION 15
- (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 16
- (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 17
- (Exam Topic 1)
What is a result of enabling Cisco FTD clustering?

A. For the dynamic routing feature, if the master unit fails, the newly elected master unit maintains all existing connections.
B. Integrated Routing and Bridging is supported on the master unit.
C. Site-to-site VPN functionality is limited to the master unit, and all VPN connections are dropped if the master unit fails.
D. All Firepower appliances can support Cisco FTD clustering.

Answer: C

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

NEW QUESTION 18
- (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 19
- (Exam Topic 1)
What is the difference between inline and inline tap on Cisco Firepower?

A. Inline tap mode can send a copy of the traffic to another device.
B. Inline tap mode does full packet capture.
C. Inline mode cannot do SSL decryption.
D. Inline mode can drop malicious traffic.

Answer: A

NEW QUESTION 20
- (Exam Topic 1)
Which two deployment types support high availability? (Choose two.)

A. transparent
B. routed
C. clustered
D. intra-chassis multi-instance
E. virtual appliance in public cloud

Answer: AB

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 21
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