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Title : Implementing Cisco

Intrusion Prevention System

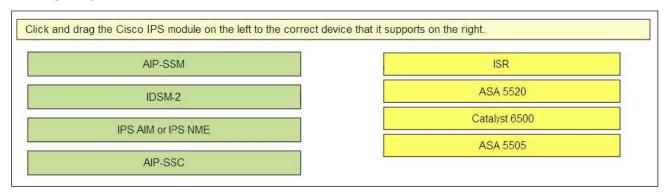
v7.0

Version: DEMO

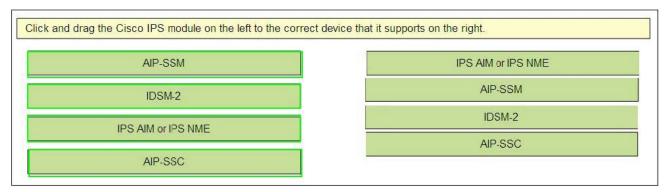
- 1. Which three are global correlation network participation modes? (Choose three.)
- A. off
- B. partial participation
- C. reputation filtering
- D. detect
- E. full participation
- F. learning

Answer: A,B,E

2.DRAG DROP



Answer:



- 3. What are four properties of an IPS signature? (Choose four.)
- A. reputation rating
- B. fidelity rating
- C. summarization strategy
- D. signature engine
- E. global correlation mode
- F. signature ID and signature status

Answer: B,C,D,F

- 4. The custom signature ID of a Cisco IPS appliance has which range of values?
- A. 10000 to 19999
- B. 20000 to 29999
- C. 50000 to 59999
- D. 60000 to 65000

E. 80000 to 90000

F. 1 to 20000

Answer: D

- 5. When upgrading a Cisco IPS AIM or IPS NME using manual upgrade, what must be performed before installing the upgrade?
- A. Disable the heartbeat reset on the router.
- B. Enable fail-open IPS mode.
- C. Enable the Router Blade Configuration Protocol.
- D. Gracefully halt the operating system on the Cisco IPS AIM or IPS NME.

Answer: A

- 6. Which Cisco IPS NME interface is visible to the NME module but not visible in the router configuration and acts as the sensing interface of the NME module?
- A. ids-sensor 0/1 interface
- B. ids-sensor 1/0 interface
- C. gigabitEthernet 0/1
- D. gigabitEthernet 1/0
- E. management 0/1
- F. management 1/0

Answer: C

- 7. Which two methods can be used together to configure a Cisco IPS signature set into detection mode when tuning the Cisco IPS appliance to reduce false positives? (Choose two.)
- A. Subtract all aggressive actions using event action filters.
- B. Enable anomaly detection learning mode.
- C. Enable verbose alerts using event action overrides.
- D. Decrease the number of events required to trigger the signature.
- E. Increase the maximum inter-event interval of the signature.

Answer: A,E

- 8.In which CLI configuration mode is the Cisco IPS appliance management IP address configured?
- A. global configuration ips (config) #
- B. service network-access ips (config-net) #
- C. service host network-settings ips (config-hos-net) #
- D. service interface ips (config-int) #

Answer: C

- 9. Which four parameters are used to configure how often the Cisco IPS appliance generates alerts when a signature is firing? (Choose four.)
- A. summary mode
- B. summary interval
- C. event count key
- D. global summary threshold

- E. summary key
- F. event count
- G. summary count
- H. event alert mode

Answer: A,B,D,F

- 10. Which three Cisco IPS cross-launch capabilities do Cisco Security Manager and Cisco Security MARS support? (Choose three.)
- A. Edit IPS signatures in Cisco Security Manager from a Cisco Security MARS query.
- B. Create custom signatures in Cisco Security Manager from a Cisco Security MARS query.
- C. Create event action filters in Cisco Security Manager from a Cisco Security MARS query.
- D. Create a Cisco Security MARS drop rule from Cisco Security Manager policy.
- E. Create a Cisco Security MARS user inspection rule from Cisco Security Manager policy.
- F. Query Cisco Security MARS from Cisco Security Manager policy.

Answer: C,E,F

- 11. Which statement about inline VLAN pair deployment with the Cisco IPS 4200 Series appliance is true?
- A. The sensing interface acts as an 802.1q trunk port, and the Cisco IPS appliance performs VLAN translation between pairs of VLANs.
- B. The Cisco IPS appliance connects to two physically distinct switches using two paired physical interfaces.
- C. Two sensing interfaces connect to the same switch that forwards traffic between two VLANs.
- D. The pair of sensing interfaces can be selectively divided (virtualized) into multiple logical "wires" by VLANs that can be analyzed separately

Answer: A

- 12. Which four statements about Cisco IPS appliance anomaly detection histograms are true? (Choose four.)
- A. Histograms are learned or configured manually.
- B. Destination IP address row is the same for all histograms.
- C. Source IP address row can be learned or configured.
- D. Anomaly detection only builds a single histogram for all services in a zone.
- E. You can enable a separate histogram and scanner threshold for specific services, or use the default one for all other services
- F. Anomaly detection histograms only track source (attacker) IP addresses.

Answer: A,B,C,E

- 13. You are working with Cisco TAC to troubleshoot a software problem on the Cisco IPS appliance. TAC suspects a fault with the NotificationApp software module in the Cisco IPS appliance. In this case, which Cisco IPS appliance operations may be most affected by the NotificationApp software module fault?
- A. SNMP
- B. IDM or IME
- C. global correlation
- D. remote blocking

E. anomaly detection

F. SDEE
Answer: A

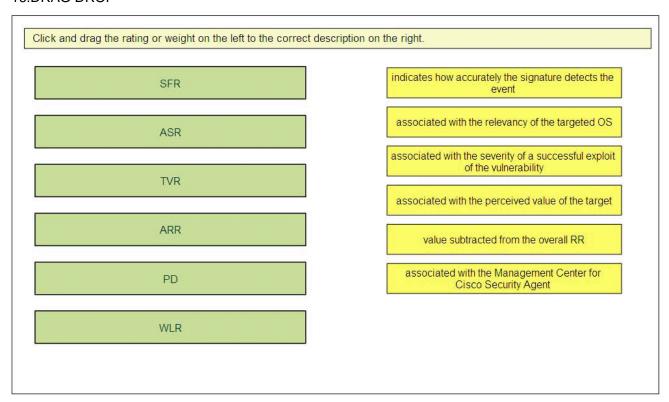
- 14. Which two switching-based mechanisms are used to deploy high availability IPS using multiple Cisco IPS appliances? (Choose two.)
- A. Spanning Tree-based HA
- B. HSRP-basedHA
- C. EtherChannel-based HA
- D. VRRP-basedHA

Answer: A,C

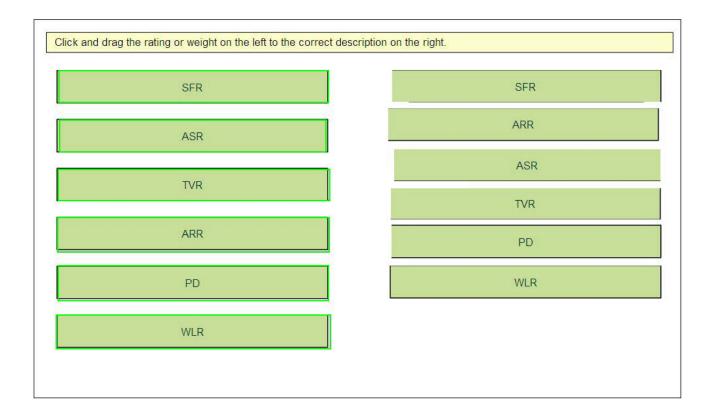
- 15. Which statement about the 4-port GigabitEthernet card with hardware bypass is true?
- A. Hardware bypass only works with inline interface pairs.
- B. Hardware bypass is only supported on the Cisco IPS 4270 appliance.
- C. Hardware bypass is independent from software bypass.
- D. Hardware bypass is enabled if software bypass is configured to "OFF".
- E. Hardware bypass is supported between any of the four GigabitEthernet ports

Answer: A

16.DRAG DROP



Answer:



- 17. What is the correct regular expression to match a URI request equal to /test.exe?
- A. /test.exe
- B. Vtest\.exe
- C. /test\.exe
- D. */test\.exe
- E. */test\.exe
- F. */test.exe

Answer: C

- 18. Which four types of interface modes are available on the Cisco IPS 4200 Series appliance? (Choose four.)
- A. promiscuous
- B. inline TAP
- C. inline interface
- D. inline VLAN pair
- E. VLAN groups
- F. bypass

Answer: A,C,D,E

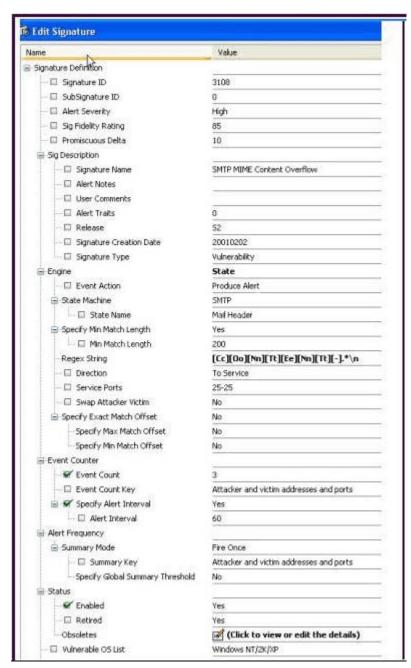
- 19. Which option is best to use to capture only a subset of traffic (capturing traffic per-IP-address, per-protocol, or per-application) off the switch backplane and copy it to the Cisco IPS appliance?
- A. SPAN
- B. PBR
- C. VACL

D. MPF

E. STP

Answer: C

20.Refer to the exhibit.



Which statement is true?

- A. A summary alert is sent once during each interval for each unique Summary Key entry.
- B. An alert is generated each time the signature triggers.
- C. This signature does not fire until three events are seen during 60 seconds with the same attacker and victim IP addresses and ports
- D. This signature is disabled by default.
- E. When this signature triggers, the Cisco IPS appliance sends an SNMP trap for this event.

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Answer: C