



**Vendor:** Cisco

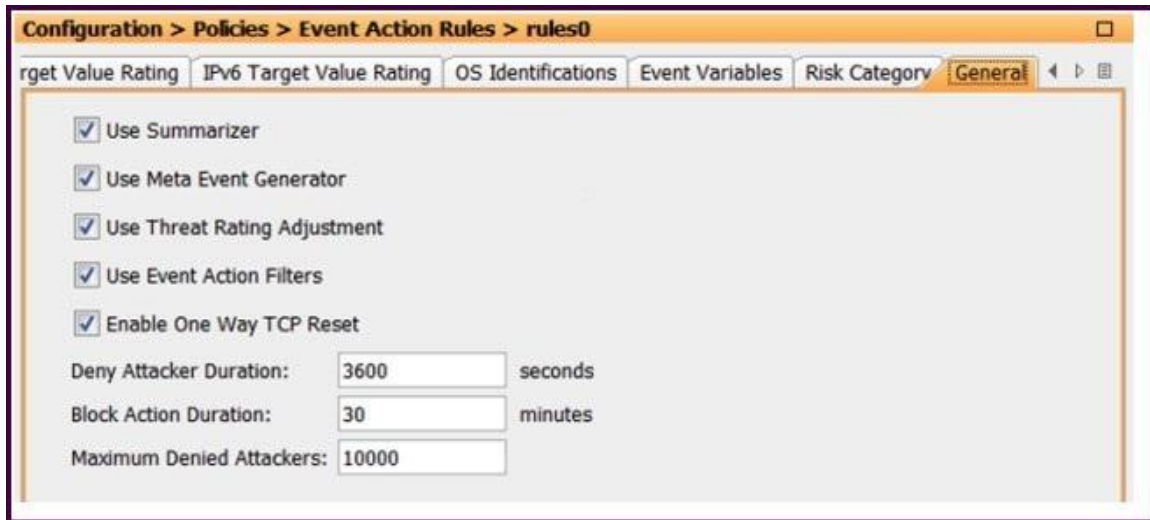
**Exam Code:** 642-627

**Exam Name:** Implementing Cisco Intrusion Prevention  
System v7.0 - (IPS v7.0)

**Version:** DEMO

### QUESTION 1

Refer to the exhibit. Which three statements are true? (Choose three.)



- A. Triggered inline blocks will last for 1 hour while triggered requests for external systems to block will last for 30 minutes.
- B. Triggered inline blocks will last for 30 minutes while triggered requests for external systems to block will last for 1 hour.
- C. TCP Resets will only be sent to the victim IP address.
- D. TCP Resets will only be sent to the attacker IP address.
- E. The IPS appliance can be configured to ignore scanning events sourced from the organization network management system.
- F. An alert risk rating will be calculated from the base value of the threat rating reduced by a value corresponding to the preventative actions taken by the IPS appliance.

**Answer:** ACE

### QUESTION 2

The default virtual sensor on all IPS appliances is vs0. Which three components are assigned to vs0 by default? (Choose three.)

- A. sig0
- B. engine0
- C. rules0
- D. ad0
- E. filters0
- F. gc0

**Answer:** ACD

### QUESTION 3

Which three statements about the Cisco IPS appliance anomaly detection feature are true? (Choose three.)

- A. The scanner threshold is used to detect a single scanner.

- B. Once the multiple scanners alert is triggered, the learning period will begin.
- C. The histogram is used to detect multiple scanners.
- D. Once a scanner threshold is violated, an alert is triggered for the multiple scanner signature.
- E. The illegal zone should contain non-allocated internal IP addresses.
- F. The traffic anomaly signature engine contains only two anomaly detection signatures (signature ID 13000 and 13001).

**Answer:** ACE

#### QUESTION 4

Which four data strings will match the regular expression `c[a-z]*sc[0-4]+?` (Choose four.)

- A. Cisc0
- B. Francisc0123456789
- C. Ciscocisc0
- D. SanFrancisco44
- E. SanFranciscosc00L
- F. csc0123456780

**Answer:** BCEF

#### QUESTION 5

The Cisco IDM Custom Signature Wizard asks you to select between the protocol types IP, ICMP, UDP, and TCP under which circumstance?

- A. when you specify the String engine
- B. when you specify the Service engine
- C. when you specify the Atomic engine
- D. when you specify the String or Service engine
- E. when you do not select a specific engine

**Answer:** E

#### QUESTION 6

Regarding the Cisco IPS NME, when should the heartbeat reset be disabled on the ISR?

- A. when performing an upgrade on the ISR
- B. when the NME is used in inline mode
- C. when the NME is used in promiscuous mode
- D. when the NME is used in fail-open mode
- E. when the NME is used in fail-closed open mode
- F. when performing an upgrade on the NME

**Answer:** F

#### QUESTION 7

Which three IPS alert actions are available in promiscuous mode? (Choose three.)

- A. reset tcp connection
- B. request block host
- C. deny packet
- D. deny connection
- E. send snmp inform
- F. log pair packets

**Answer:** ABF

#### **QUESTION 8**

Which Cisco IPS appliance feature uses profile-based intrusion detection?

- A. profiler
- B. anomaly detection
- C. threat detection
- D. netflow
- E. reputation filter
- F. senderbase

**Answer:** B

#### **QUESTION 9**

Which two statements are true regarding the Cisco IPS appliance traffic normalizer? (Choose two.)

- A. It only operates in inline mode.
- B. It operates in one of three modes: symmetric, loose, or asymmetric.
- C. It can help prevent false negatives that are caused by evasions.
- D. It can help ensure that Layer 7 traffic conforms to its protocol specifications.
- E. It will not modify fragmented IP traffic.

**Answer:** AC

#### **QUESTION 10**

Numerous attacks using duplicate packets, changed packets, or out-of-order packets are able to successfully evade and pass through the Cisco IPS appliance when it is operating in inline mode. What could be causing this problem?

- A. The IPS Application Inspection and Control is disabled.
- B. All the DoS signatures are disabled.
- C. All the reconnaissance signatures are disabled.
- D. TCP state bypass is enabled.
- E. The normalizer is set to asymmetric mode.

**Answer:** E

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