

### **Cisco Threat Control Solutions Exam**

Questions & Answers Demo

## Version: 17.0

#### **Question: 1**

Which three operating systems are supported with Cisco AMP for Endpoints? (Choose three.)

A. Windows

B. AWS

C. Android

D. Cisco IOS

E. OS X

F. ChromeOS

Answer: A, C, E

Explanation:

<u>http://www.cisco.com/c/en/us/products/security/fireamp-endpoints/indHYPERLINK</u> <u>"http://www.cisco.com/c/en/us/products/security/fireamp-endpoints/index.html"ex.html</u>

#### Question: 2

Which Cisco Web Security Appliance feature enables the appliance to block suspicious traffic on all of its ports and IP addresses?

A. explicit forward mode

B. Layer 4 Traffic Monitor

C. transparent mode

D. Secure Web Proxy

Answer: B

#### **Question: 3**

Which feature requires the network discovery policy for it to work on the Cisco Next Generate fusion Prevent-on System,

A. impact flags

- B. URL filtering
- C. security intelligence
- D. health monitoring

Answer: A

#### Question: 4

Which CLI command is used to register a Cisco FirePOWER sensor to Firepower Management Center?

A. configure system add <host><key>

B. configure manager <key> add host

C. configure manager delete

D. configure manger add <host><key>

Answer: D

Explanation:

http://www.cisco.com/c/en/us/td/HYPERLINK

"http://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-configguide-v60/fpmc-config-guide-v60\_appendix\_01011110.html#ID-2201-

00000005"docs/security/firepower/60/configuration/guideHYPERLINK

<u>"http://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-config-guide-v60/fpmc-config-guide-v60\_appendix\_01011110.html#ID-2201-00000005"/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-config-guide-v60/fpmc-confi</u>

"http://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-configguide-v60/fpmc-config-guide-v60\_appendix\_01011110.html#ID-2201-00000005"nfig-guidev60\_appendix\_01011110.html#ID-2201-00000005

#### **Question: 5**

In WSA , which two pieces of information are required to implement transparent user identification using Context Directory Agent? (Choose two.)

- A. the server name where Context Directory Agent is installed
- B. the server name of the global catalog domain controller
- C. the backup Context Directory Agent
- D. the shared secret
- E. the syslog server IP address

Answer: AE

#### **Question: 6**

Which three protocols are required when considering firewall rules email services using a Cisco Email Security Appliance?

A. HTTP

B. SMTP

C. TFTP

D. FTP

E. DNS

F. SNMP

Answer: ABE

#### **Question: 7**

What are two arguments that can be used with the show content-scan command in Cisco IOS software? (Choose two.)

A. data

B. session

C. buffer

D. statistics

E. verbose

Answer: BD

#### Question: 8

Which CLI command is used to generate firewall debug messages on a Cisco FirePOWER sensor?

- A. system support ssl-debug
- B. system support firewall-engine-debug
- C. system support capture-traffic
- D. system support platform

Answer: B

#### **Question: 9**

What is difference between a Cisco Content Security Management virtual appliance and a physical appliance?

A. Migration between virtual appliance of varying sizes is possible, but physical appliances must be of equal size.

B. The virtual appliance requires an additional license to run on a host.

C. The virtual appliance requires an additional license to activate its adapters.

D. The physical appliance is configured with a DHCP-enabled management port to receive an IP Address automatically, but you must assign the virtual appliance an IP address manually in your management subnet.

Answer: B

#### Question: 10

Which Cisco technology secures the network through malware filtering, category-based control, and reputation-based control?

A. Cisco ASA 5500 Series appliances

- B. Cisco IPS
- C. Cisco remote-access VPNs
- D. Cisco WSA

Answer: D

#### Question: 11

When using Cisco AMP for Networks, which feature copies a file to the Cisco AMP cloud for analysis?

- A. Spero analysis
- B. dynamic analysis
- C. sandbox analysis
- D. malware analysis

Answer: B

#### Question: 12

Which type of server is required to communicate with a third-party DLP solution?

A. an ICAP-capable proxy serverB. a PKI certificate serverC. an HTTP serverD. an HTTPS server

Answer: A

Question: 13

Which policy is used to capture host information on the Cisco Next Generation Intrusion Prevention System?

A. network discovery

B. correlation

C. intrusion

D. access control

Answer: C

#### Question: 14

Which Cisco Firepower rule action displays a HTTP warning page and resets the connection of HTTP traffic specified in the access control rule ?

A. Interactive Block with Reset

B. Block

C. Allow with Warning

D. Interactive Block

Answer: A

Explanation:

http://www.cisco.com/c/en/us/td/docs/security/firesight/54HYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firesight/541/firepower-module-user-guide/asafirepower-module-user-guide-v541/AC-Rules-Tuning-Overview.html"1/firepower-module-userguHYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firesight/541/firepower-moduleuser-guide/asa-firepower-module-user-guide-v541/AC-Rules-Tuning-Overview.html"ide/asafirepoHYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firesight/541/firepower-moduleuser-guide/asa-firepower-module-user-guide-v541/AC-Rules-Tuning-Overview.html"ide/asafirepoHYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firesight/541/firepower-moduleuser-guide/asa-firepower-module-user-guide-v541/AC-Rules-Tuning-Overview.html"wer-moduleuser-guide/asa-firepower-module-user-guide-v541/AC-Rules-Tuning-Overview.html"wer-moduleuser-guide-v541/AC-Rules-Tuning-Overview.html

#### **Question: 15**

With Cisco AMP for Endpoints on Windows, which three engines are available in the connector? (Choose three.)

- A. Ethos
- B. Tetra
- C. Annos
- D. Spero
- E. Talos
- F. ClamAV

Answer: ABD

Explanation:

http://www.cisco.com/c/en/us/products/collateral/security/fireamp-private-cloud-virtualappliance/datasheHYPERLINK "http://www.cisco.com/c/en/us/products/collateral/security/fireampprivate-cloud-virtual-appliance/datasheet-c78-733180.html"et-c78-73318HYPERLINK "http://www.cisco.com/c/en/us/products/collateral/security/fireamp-private-cloud-virtualappliance/datasheet-c78-733180.html"0.html

#### **Question: 16**

Refer to the exhibit.

s*	0.0.0.0.0.0.0 [1/0] via 1.1.1.1, outside
C	1.1.1.0 225.255.255.0 is directly connect, outside
s	172.16.0.0 255.255.0.0 [1/0] via 192.168.100.1, inside
с с	192.168.100.0 255.255.255.0 is directly connected, inside
	172.16.10.0 255.255.255.0 is directly connected, dmz
S	10.10.10.0 255.255.255.0 [1/0] via 172.16.10.1, dmz
<u></u>	
	s-list redirect-acl permit ip 192.168.100.0 255.255.255.0 any
acces	s-list redirect-acl permit ip 172.16.0.0 255.255.0.0 any
class	-map redirect-class
n	atch access-list redirect-acl
polic	y-map inside-policy
c	lass redirect-class
	sfr fail-open
servi	ce-policy inside-policy inside

Which option is a result of this configuration?

A. All ingress traffic on the inside interface that matches the access list is redirected.

- B. All egress traffic on the outside interface that matches the access list if redirected.
- C. All TCP traffic that arrives on the inside interface is redirected.

D. All ingress traffic that arrives on the inside interface is redirected.

E. All ingress and egress traffic is redirected to the Cisco FirePOWER module.

Answer: E

#### **Question: 17**

What are two requirements for configuring a hybrid interface in FirePOWER? (Choose two)

A. virtual network

- B. virtual router
- C. virtual appliance
- D. virtual switch
- E. virtual context

**Answer: BD** 

Explanation:

http://www.cisco.com/c/en/us/td/docs/security/firepower/HYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-configguide-v60/Hybrid\_Interfaces.html"60/configuration/guide/fpmcHYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-configguide-v60/Hybrid\_Interfaces.html"-conHYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-configguide-v60/Hybrid\_Interfaces.html"-conHYPERLINK "http://www.cisco.com/c/en/us/td/docs/security/firepower/60/configuration/guide/fpmc-configguide-v60/Hybrid\_Interfaces.html"fig-guide-v60/Hybrid\_Interfaces.html

#### Question: 18

Which type of policy is used to define the scope for applications that are running on hosts?

- A. access control policy.
- B. application awareness policy.
- C. application detector policy.
- D. network discovery policy.

Answer: D

#### **Question: 19**

When you configure the Cisco ESA to perform blacklisting, what are two items you can disable to enhance performance? (Choose two.)

A. rootkit detectionB. spam scanningC. APT detectionD. antivirus scanningE. URL filtering

Answer: BD

#### **Question: 20**

Which protocols can be specified in a Snort rule header for analysis?

A. TCP, UDP, ICMP, and IP B. TCP, UDP, and IP C. TCP, UDP, and ICMP D. TCP, UDP, ICMP, IP, and ESP

E. TCP and UDP

Answer: A

#### Question: 21

Which Cisco ESA predefined sender group uses parameter-matching to reject senders?

A. WHITELIST

- **B. BLACKLIST**
- C. UNKNOWNLIST
- D. SUSPECTLIST

Answer: B

#### Question: 22

With Cisco FirePOWER Threat Defense software, which interface mode do you configure for an IPS deployment, where traffic passes through the appliance but does not require VLAN rewriting?

A. inline set

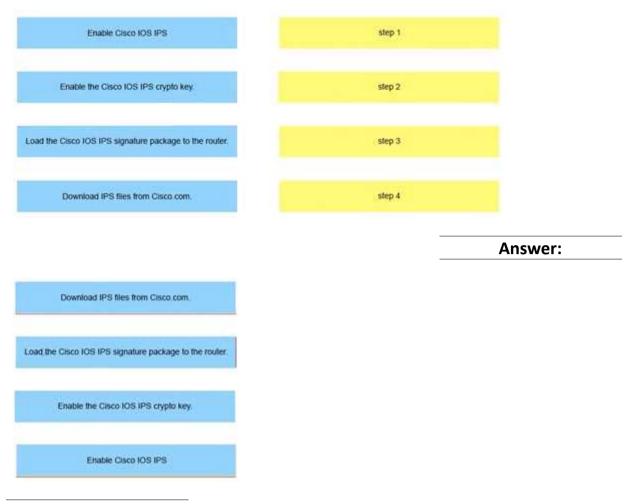
- B. passive
- C. inline tap
- D. routed
- E. transparent

Answer: D

#### Question: 23

DRAG DROP

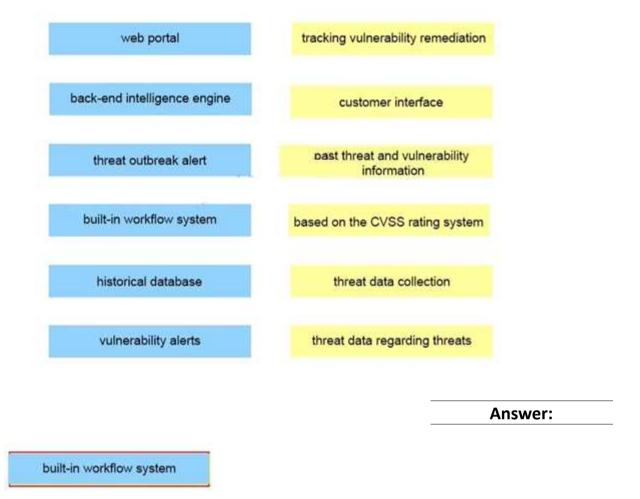
Drag and drop the steps on the left into the correct order of initial Cisco IOS IPS configuration on the right.



#### **Question: 24**

DRAG DROP

Drag and drop the Cisco Security IntelliShield Alert Manager Service components on the left onto the corresponding description on the right.



web portal

historical database

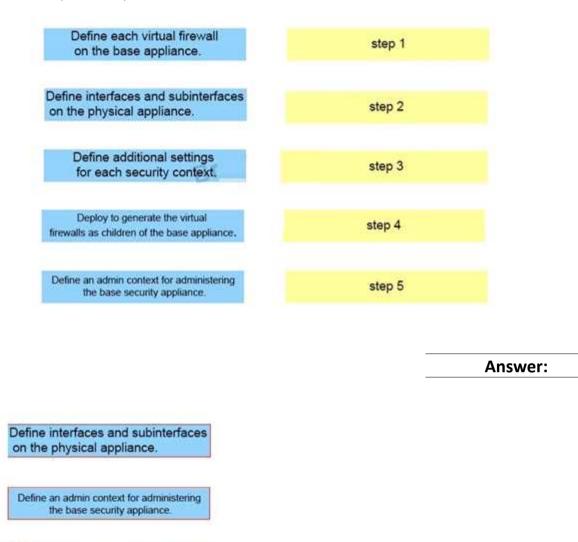
vulnerability alerts

back-end intelligence engine

threat outbreak alert

Question: 25

Drag and drop the steps on the left into the correct order on the right to configure a Cisco ASA NGFW with multiple security contexts.



Reference:

http://www.cisco.com/c/en/us/td/docs/security/security\_management/cisco\_security\_manager/sec urity\_manager/4-4/user/guide/CSMUserGuide\_wrapper/pxcontexts.pdf (page 2 to 4)

Question: 26

Define each virtual firewall on the base appliance.

Deploy to generate the virtual firewalls as children of the base appliance.

> Define additional settings for each security context.

When using Cisco FirePOWFR Services for ASA, how is traffic directed form based Cisco ASA to the CiscoPOWER Services?

- A. SPAN port on a Cisco Catalyst switch.
- B. WCCP on the ASA.
- C. inline interface pair on the Cisco FirePOWER module.
- D. service policy on the ASA.

Answer: D

#### Question: 27

In a Cisco FirePOWER instrusion policy, which two event actions can be configured on a rule? (Choose two.)

A. drop packet

- B. drop and generate
- C. drop connection
- D. capture trigger packet
- E. generate events

Answer: B, E

#### **Question: 28**

Which object can be used on a Cisco FirePOWER appliance, but not in an access control policy rule on Cisco FirePOWER services running on a Cisco ASA?

- A. URL
- B. security intelligence
- C. VLAN
- D. geolocation

Answer: C

#### Question: 29

Which two appliances support logical routed interfaces? (Choose two.)

- A. FirePOWER services for ASA-5500-X
- B. FP-4100-series
- C. FP-8000-series

D. FP-7000-series

E. FP-9300-series

#### **Answer: D**

#### Question: 30

#### Scenario

Scenario	×
In this simulation, you have access to the mail flow policies and sender groups configure Appliance. You are also provided the following list of fictional domains. SenderBase has a these domains. The list provides the domain name and the SenderBase Reputation Score	records for one sender from each of
red.public, -6 orange.public, -4 yellow.public, -2 green.public, 2 blue.public, 6	
violet public, 8	
Your task is to review the configuration on the Cisco Email Security Appliance, and then an about the behavior of the Cisco Email Security Appliance given the configuration and the d Scores.	
nstructions	
Access the configuration of the Cisco Email Security Appliance using the MailFlowPolicies tab. Within the GUI, you	can navigate between the Host Accss Table
Overview and Mail Flow Policies tables. You can also navigate to the individual Mail Flow Policies and Sender Grou	
Consider the configuration and the SenderBase Reputation Scores of the following fictitious domains when answe	ering the 5 multiple choice questions.
red public, -6	
orange public, -4	
yellow public, -2	
green public, 2	
blue.public, 6	
blue public, 6     violet public, 8	

Crick on the Mail low Policies tab to access the device configuration. To access the multiple-choice questions, click on the numbered boxes on the left of the top panel. There are four multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.

			Contraction of the second		Na.5h
Ma	ail Flow Po	licies			
Po	licies (Listener:	IncomingMail 172.16	16.25:25 .		
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Po	licy Name			Behavior	De
AC	CCEPTED			Accept	0
BL	OCKED			Reject	1
RE	LAYED			Relay	-
TH	ROTTLED			Accept	
	RUSTED			Accept	1
TR		neters			

For which domains will the Cisco Email Security Appliance allow up to 5000 recipients per message?

- A. violet.public
- B. violet.public and blue.public
- C. violet.public, blue.public and green.public
- D. red.public
- E. orange.public
- F. red.public and orange.public

Answer: E

### Question: 31

Scenario

Scenario	$\times$
In this simulation, you have access to the mail flow policies and sender groups configured on a Cisco Email Security Appliance. You are also provided the following list of fictional domains. SenderBase has records for one sender from each o these domains. The list provides the domain name and the SenderBase Reputation Score for the domain's sender.	ot
red.public, -6 orange public, -4 yellow.public, -2 green.public, 2 blue.public, 6 violet.public, 8	
Your task is to review the configuration on the Cisco Email Security Appliance, and then answer four multiple choice question about the behavior of the Cisco Email Security Appliance given the configuration and the domain SenderBase Reputation Scores.	ons

ructions					1.8
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What is the maximum message size that the Cisco Email Security Appliance will accept from the violet.public domain?

A. 1 KB

- B. 100 KB
- C. 1 MB
- D. 10 MB
- E. 100 MB
- F. Unlimited

Answer: D

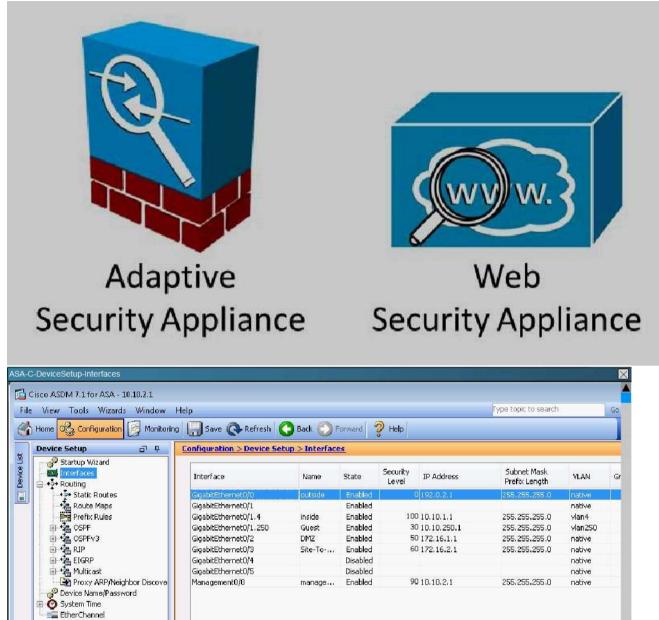
#### Question: 32

The Web Cache Communication Protocol (WCCP) is a content-routing protocol that can facilitate the redirection of traffic flows in real time. Your organization has deployed WCCP to redirect web traffic that traverses their Cisco Adaptive Security Appliances (ASAs) to their Cisco Web Security Appliances (WSAs).

The simulator will provide access to the graphical user interfaces of one Cisco ASA and one Cisco WSA that are participating in a WCCP service. Not all aspects of the GUIs are implemented in the simulator. The options that have been implemented are sufficient to determine the best answer to each of the questions that are presented.

Your task is to examine the details available in the simulated graphical user interfaces and select the

best answer.



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Appliance Management Service		t HTTP request to HTTPS		
L4 Traffic Monitor Wirin	g: Duplex TAP: T1 (In/Out)		E	dit Settings
Copyright © 2003-2012 Cisco Systems, Inc. All.	rights received			

How many Cisco ASAs and how many Cisco WSAs are participating in the WCCP service?

A. One Cisco ASA or two Cisco ASAs configured as an Active/Standby failover pair, and one Cisco WSA.

B. One Cisco ASA or two Cisco ASAs configured as an Active/Active failover pair, and one Cisco WSA.

C. One Cisco ASA or two Cisco ASAs configured as an Active/Standby failover pair, and two Cisco WSAs.

D. One Cisco ASA or two Cisco ASAs configured as an Active/Active failover pair, and two Cisco WSAs.

- E. Two Cisco ASAs and one Cisco WSA.
- F. Two Cisco ASAs and two Cisco WSAs.

Answer: A

Explanation:

We can see from the output that the number of routers (ASA's) is 1, so there is a single ASA or an active/ standby pair being used, and 1 Cache Engine. If the ASA's were in a active/active role it would show up as 2 routers.

#### Question: 33

The Web Cache Communication Protocol (WCCP) is a content-routing protocol that can facilitate the redirection of traffic flows in real time. Your organization has deployed WCCP to redirect web traffic that traverses their Cisco Adaptive Security Appliances (ASAs) to their Cisco Web Security Appliances (WSAs).

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Web Security Appliance

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Separate Routing for	Management Services:	Separate routing (M1 port res	tricted to appliance	management s	ervices only)	
Appliance	Management Services:	HTTP on port 80, HTTPS on po	rt 443, Redirect HT	TP request to H	TTPS	
لد	4 Traffic Monitor Wiring:	Duplex TAP: T1 (In/Out)				
					Ed	dit Settings

- A. Traffic destined to public address space
- B. Traffic sent from public address space
- C. Traffic destined to private address space
- D. Traffic sent from private address space

Answer: B

Explanation:

From the screen shot below we see the WCCP-Redirection ACL is applied, so all traffic from the Private IP space to any destination will be redirected.

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#### **Question: 34**

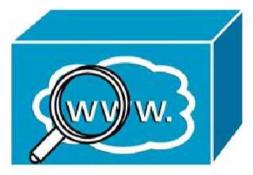
The Web Cache Communication Protocol (WCCP) is a content-routing protocol that can facilitate the redirection of traffic flows in real time. Your organization has deployed WCCP to redirect web traffic that traverses their Cisco Adaptive Security Appliances (ASAs) to their Cisco Web Security Appliances

(WSAs).

The simulator will provide access to the graphical user interfaces of one Cisco ASA and one Cisco WSA that are participating in a WCCP service. Not all aspects of the GUIs are implemented in the simulator. The options that have been implemented are sufficient to determine the best answer to each of the questions that are presented.

Your task is to examine the details available in the simulated graphical user interfaces and select the best answer.





# Adaptive Security Appliance

Web
Security Appliance

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Between the Cisco ASA configuration and the Cisco WSA configuration, what is true with respect to redirected ports?

- A. Both are configured for port 80 only.
- B. Both are configured for port 443 only.
- C. Both are configured for both port 80 and 443.
- D. Both are configured for ports 80, 443 and 3128.
- E. There is a configuration mismatch on redirected ports.

Answer: C

#### Explanation: This can be seen from the WSA Network tab shown below:

	Oynamic service ID:	10 0-255		
	Port numbers:	(up to 8 port numbers, separated by commas)		
		Redirect based on destination port.		
		<ul> <li>Recirect based on source port (return path)</li> </ul>		
		For IP spoofing, define two services, one based on destination port and another based on source port (return path).		
		Coad balance based on server address		
		C Load balance based on client address Applies only if more than one Web Security Appliance is in use		
Router IP Addresses:	10.10.1.1 Separate multiple entries	with line breaks or commes.		
Router Security:	Enable Security for S	sword:		

#### Question: 35

The Web Cache Communication Protocol (WCCP) is a content-routing protocol that can facilitate the redirection of traffic flows in real time. Your organization has deployed WCCP to redirect web traffic that traverses their Cisco Adaptive Security Appliances (ASAs) to their Cisco Web Security Appliances (WSAs).

The simulator will provide access to the graphical user interfaces of one Cisco ASA and one Cisco WSA that are participating in a WCCP service. Not all aspects of the GUIs are implemented in the simulator. The options that have been implemented are sufficient to determine the best answer to each of the questions that are presented.

Your task is to examine the details available in the simulated graphical user interfaces and select the best answer.





# Web Security Appliance

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o <sup>®</sup> Startup Wizard and Interfaces □ • 2 Routing	Interface	Name	State	Security Level	IP Address	Subnet Mask Prefix Length	VLAN	(
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Route Maps	GigabitEthernet0/1	2010 0010	Enabled				native	
Prefix Rules	GigabitEthernet0/1.4	inside	Enabled		010.10.1.1	255.255.255.0	vlan4	
🕀 🏤 OSPF	GigabitEthernet0/1.250	Guest	Enabled		010.10.250.1	255.255.255.0	vlan250	
🕀 🏂 OSPEV3	GigabitEthernet0/2	DMZ	Enabled		0172.16.1.1	255.255.255.0	native	
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Between the Cisco ASA configuration and the Cisco WSA configuration, what is true with respect to redirected ports?

- A. Both are configured for port 80 only.
- B. Both are configured for port 443 only.
- C. Both are configured for both port 80 and 443.
- D. Both are configured for ports 80, 443 and 3128.
- E. There is a configuration mismatch on redirected ports.

Answer: C

#### Explanation: This can be seen from the WSA Network tab shown below:

	Dynamic service ID:     10     0-255     Port numbers:     80,443     (up to 8 port numbers, separated by commas)     (* Redirect based on destination port     (* Redirect based on source port (return path)     For IP spoofing, define two services, one based on destination     port and another based on source port (return path).
	<ul> <li>Load balance based on server address</li> <li>Load balance based on client address</li> <li>Applies only if more than one Web Security Appliance is in use.</li> </ul>
Router IP Addresses:	10.10.1.1  Separate multiple entries with line breaks or commas.
Router Security:	Enable Security for Service     Password:     The password must be between I and 7 characters long.     Confirm Password:     ••••••
> Advanced:	Optional settings for customizing the behavior of the WCCP v2 Router.

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