



# Cisco

## 300-206 Exam

### Cisco Implementing Cisco Edge Network Security Solutions Exam

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## Version: 22.0

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### Question: 1

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Which two user privileges does ASDM allow engineer to create? (Choose two)

- A. Full access
- B. admin
- C. read-write
- D. read-only
- E. write-only

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**Answer: CE**

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### Question: 2

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Refer to the exhibit.

```
Switch(config-if)# switchport mode access
Switch(config-if)# switchport port-security
Switch(config-if)# switchport port-security
mac-address sticky
```

Which two are true statements about the expected port security behavior? (Choose two.)

- A. If a violation occurs, the switch port waits one minute to recover by default.
- B. Only one MAC address can be learned by default on the switch port.
- C. Up to five MAC addresses can be learned by default on the switch port.
- D. If a violation occurs, the switch port remains active, but the traffic is dropped.
- E. If a violation occurs, the switch port shuts down.

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**Answer: BE**

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Reference:

[https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/25ew/configuration/guide/conf/port\\_sec.pdf](https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/25ew/configuration/guide/conf/port_sec.pdf)

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**Question: 3**

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An engineer is applying best practices to stop STP unauthorized changes from the user's port. Which two actions help accomplish this task? (Choose two)

- A. Enable STP Guard
- B. Configure RSTP
- C. Disable STP
- D. Enable BPDU Guard
- E. Enable Root Guard

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**Answer: DE**

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**Question: 4**

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When you enable IP source Guard on private VLAN ports, which additional action must you take for IP Source Guard to be effective?

- A. Enable DHCP snooping on the isolated VLAN
- B. Enable BPDU guard on the isolated VLAN.
- C. Enable BPDU guard on the primary VLAN.
- D. Enable DHCP snooping on the primary VLAN.

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**Answer: D**

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**Question: 5**

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DRAG DROP

An engineer must create an SSHv2 configuration for a remote user with a key size of 2048 on the inside network of 192.168.0.0/19 with a fully qualified domain name. Drag and drop the Cisco ASA commands on the left onto the matching function on the right.

ssh 192.168.0.0 255.255.224.0 inside	Create enable password to use SSH
domain-name <domain>	Define user and password to connect via SSH
aaa authentication ssh console LOCAL	Configure authentication mode
ssh version 2	Specify SSH protocol version
enable password <password>	Allow access from the inside interface
username <username> password <password>	Configure FQDN
crypto key generate rsa modulus 2048	Generate a key pair

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**Answer:**

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**enable password <password>**

**username <username> password <password>**

**aaa authentication ssh console LOCAL**

**ssh version 2**

**ssh 192.168.0.0 255.255.224.0 inside**

**domain-name <domain>**

**crypto key generate rsa modulus 2048**

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**Question: 6**

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Refer to the exhibit.

```
C2911A> enable view
C2911A# configure terminal
C2911A(config)# parser view ccnp1
C2911A(config-view)#commands exec include show ip bgp summary

%Password not set for view ccnp1
```

An engineer is configuring IOS role based CLI access and is getting an error upon entering the commands exec include show ip bgp summary parser view command.

Based on the console message received, which command would fix this error?

- A. enable secret <password>
- B. username <user> secret <password>
- C. password <password>

D. secret 5 <encrypted password>

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**Answer: D**

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**Question: 7**

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After a session has been secured with MACsec, which two types of traffic can be sent and received unencrypted?

- A. EAPOL-Start
- B. DHCP offer
- C. Cisco Discovery Protocol
- D. DHCP discover
- E. EAPOL-Logoff

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**Answer: AC**

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**Question: 8**

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Which two main functions for application inspection on ASA are true?

- A. When services use dynamically assigned ports, the application inspection identifies dynamic port and permits data on these ports.
- B. When services embed IP addresses in the packet, the application inspection translates embedded addresses and updates the checksum.
- C. When services are operating on nonstandard ports, the application inspection identifies the nonstandard port and allows the service to run normally.
- D. When services need IP options to function, the application inspection keeps IP options during the packet transition through the appliance.
- E. When services use load balancing, the application inspection ensures that connections are load balanced across the servers equally.

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**Answer: AB**

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**Question: 9**

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An engineer suspects that client workstations are experiencing extremely poor response time due to a man in middle attack. Which feature must be enabled and configured to provide relief from this type of attack?

- A. Internet Key Exchange
- B. Link Aggregation
- C. Reverse ARP

- D. Dynamic ARP Inspection
- E. private VLANs

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**Answer: D**

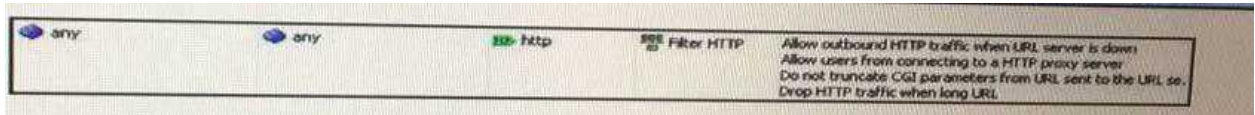
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**Question: 10**

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Refer to the exhibit.



Which option describes the role of the filter rule on this Cisco ASA firewall?

- A. to discard http traffic destined to a proxy server
- B. to define allowed traffic when the URL filtering server is unavailable
- C. to perform deep packet inspection on all http traffic crossing the Cisco ASA
- D. to send http traffic to a defined URL filtering server

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**Answer: D**

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