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**Exam** : **300-206**

**Title** : **Implementing Cisco Edge  
Network Security Solutions**

**Vendor** : **Cisco**

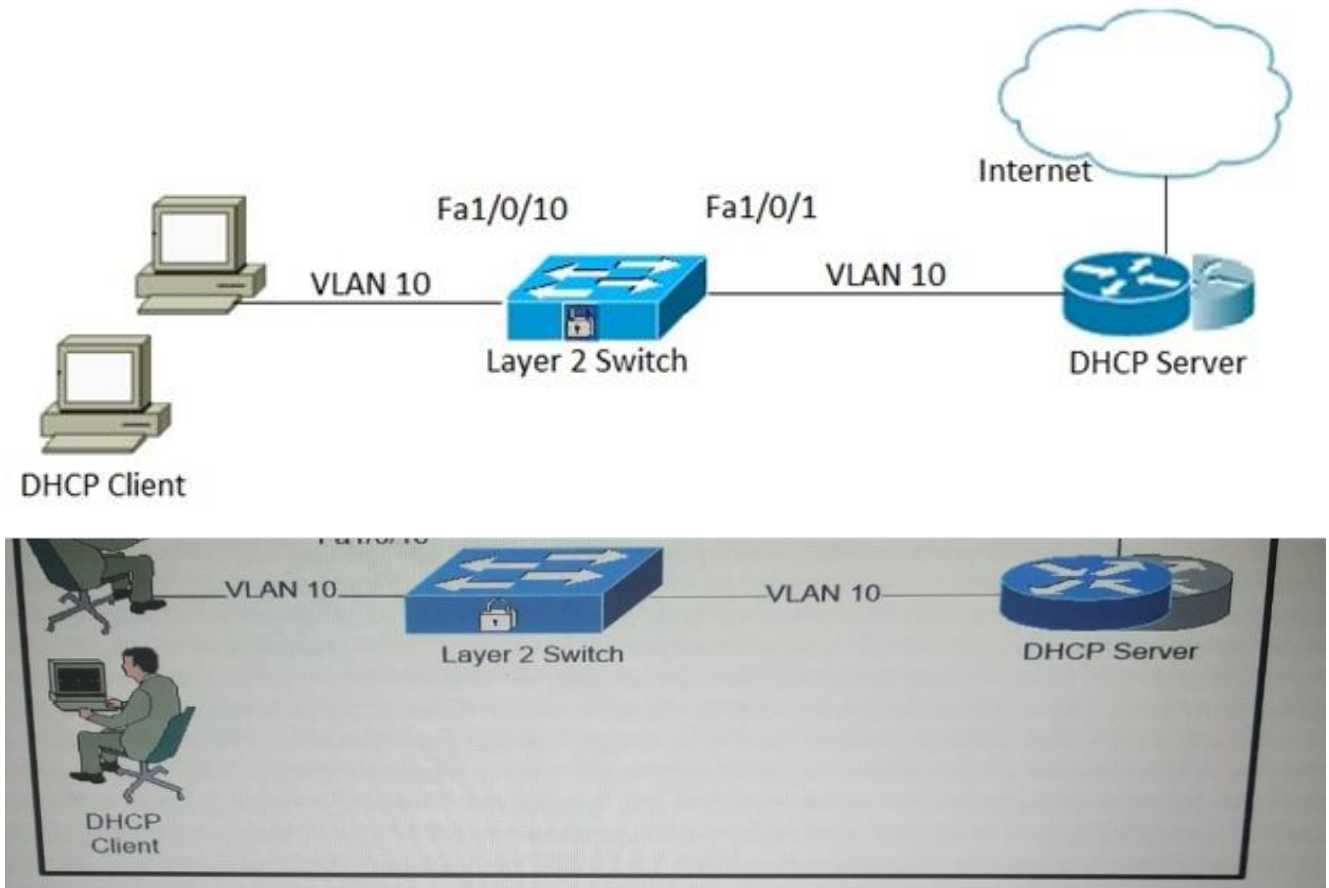
**Version** : **DEMO**

**NO.1** Which command limits a router to be administered only via SSH?

- A. transport ssh
- B. transport input ssh
- C. transport deny telnet
- D. transport telnet

**Answer:** B

**NO.2** Refer to the exhibit.



You configure DHCP snooping in VLAN 10. Which two configuration commands do you implement on the switch to enable Dynamic ARP inspection in VLAN 10? (Choose two.)

- A. switch (config)# ip arp inspection
- B. switch (config)# int fa1/0/10  
switch (config-if)# ip arp inspection untrust
- C. switch (config)# ip arp inspection vlan 10
- D. switch (config)# int fa1/0/1  
switch (config-if)# ip arp inspection trust
- E. switch (config)# int fa1/0/1  
switch (config-if)# ip arp inspection vlan 10

**Answer:** C,D

**NO.3** Which two features are supported with the ASA packet-tracer command? (Choose two.)

- A. debugging packets in noncluster nodes

- B. injecting modified ICMP packets through the firewall into the data path
- C. simulating a packet decrypt
- D. injecting tracer packets through the firewall into the data path
- E. displaying each matching policy as a packet transits the firewall

**Answer:** D,E

Explanation

Explanation/Reference

In addition to capturing packets with the capture command, it is possible to trace the lifespan of a packet through the ASA to see if it is behaving as expected. The packet-tracer command enables you to do the following:

- \*Debug all packet drops in a production network.
- \*Verify the configuration is working as intended.
- \*Show all rules applicable to a packet along with the CLI lines that caused the rule addition.
- \*Show a timeline of packet changes in a datapath.
- \*Inject tracer packets into the datapath.
- \*Search for an IPv4 or IPv6 address based on the user identity and the FQDN.
- \*Debug packets across cluster nodes.

<https://www.cisco.com/c/en/us/td/docs/security/asa/asa-command-reference/I-R/cmdref2/p1.html>

**NO.4** Which two unified communications protocols can be inspected for an anomaly by using the Cisco ASA 5500 Series firewall? (Choose two.)

- A. SCP
- B. MGCP
- C. RTSP
- D. TFTP
- E. RSH

**Answer:** B,C

Explanation

Explanation/Reference

Feature	Details
Unified Communications Application Inspection and Control	<ul style="list-style-type: none"> <li>• Supported protocols include SIP, SCCP, H.323, MGCP, RTP and RTCP, TCP, CTIQBE, and Real Time Streaming Protocol (RTSP).</li> </ul>

[https://www.cisco.com/c/en/us/products/collateral/security/asa-5500-series-next-generation-firewalls/product\\_data\\_sheet0900aecd8073cbbf.html](https://www.cisco.com/c/en/us/products/collateral/security/asa-5500-series-next-generation-firewalls/product_data_sheet0900aecd8073cbbf.html)

**NO.5** Refer to the exhibit.

```
access-list test extended permit ip 2001:DB5:7::/64
192.168.1.0 255.255.255.0
```

Which statement about this access list is true?

- A. This access list is not valid and does not work at all.
- B. This access list is valid and works without additional configuration
- C. IPv6 to IPv4 traffic permitted on the Cisco ASA by default
- D. This access list does not work without 6to4 NAT
- E. We can pass only IPv6 to IPv6 and IPv4 to IPv4 traffic

**Answer:** D

**NO.6** You must configure a Cisco ASA 5500 Series as an NTP client by using authentication. Drag and drop the configuration steps from the left into the correct order on the right.

Configure the IP address and the key ID of the NTP server	step 1
Configure the trusted key ID of the NTP server	step 2
Enable NTP authentication	step 3
Set the authentication key	step 4

**Answer:**

Configure the IP address and the key ID of the NTP server	Enable NTP authentication
Configure the trusted key ID of the NTP server	Configure the trusted key ID of the NTP server
Enable NTP authentication	Set the authentication key
Set the authentication key	Configure the IP address and the key ID of the NTP server

Enable NTP authentication

Configure the trusted key ID of the NTP server

Set the authentication key

Configure the IP address and the key ID of the NTP server

**NO.7** Drag and drop the steps on the left into the correct order of Cisco Security Manager rules when using inheritance on the right.

local rules in child policy	step 1
default rules from parent policy	step 2
mandatory rules from parent policy	step 3

**Answer:**

local rules in child policy	mandatory rules from parent policy
default rules from parent policy	local rules in child policy
mandatory rules from parent policy	default rules from parent policy

mandatory rules from parent policy

local rules in child policy

default rules from parent policy

**NO.8** In which two ways can you isolate and secure multiple tenants in a virtualized data center?  
(Choose two.)

- A. Deploy VRF-Lite to provide Layer 3 isolation.
- B. Implement LUN masking to provide compute separation at Layer 2.
- C. Assign VLANs to tenant servers to logically separate Layer 3 domains.
- D. Implement redundant ASAs at the perimeter to provide per-tenant firewalling.
- E. Group vNICs with VMware vCenter to provide port profile isolation at Layer 2.

**Answer:** C,E

Explanation

Explanation/Reference

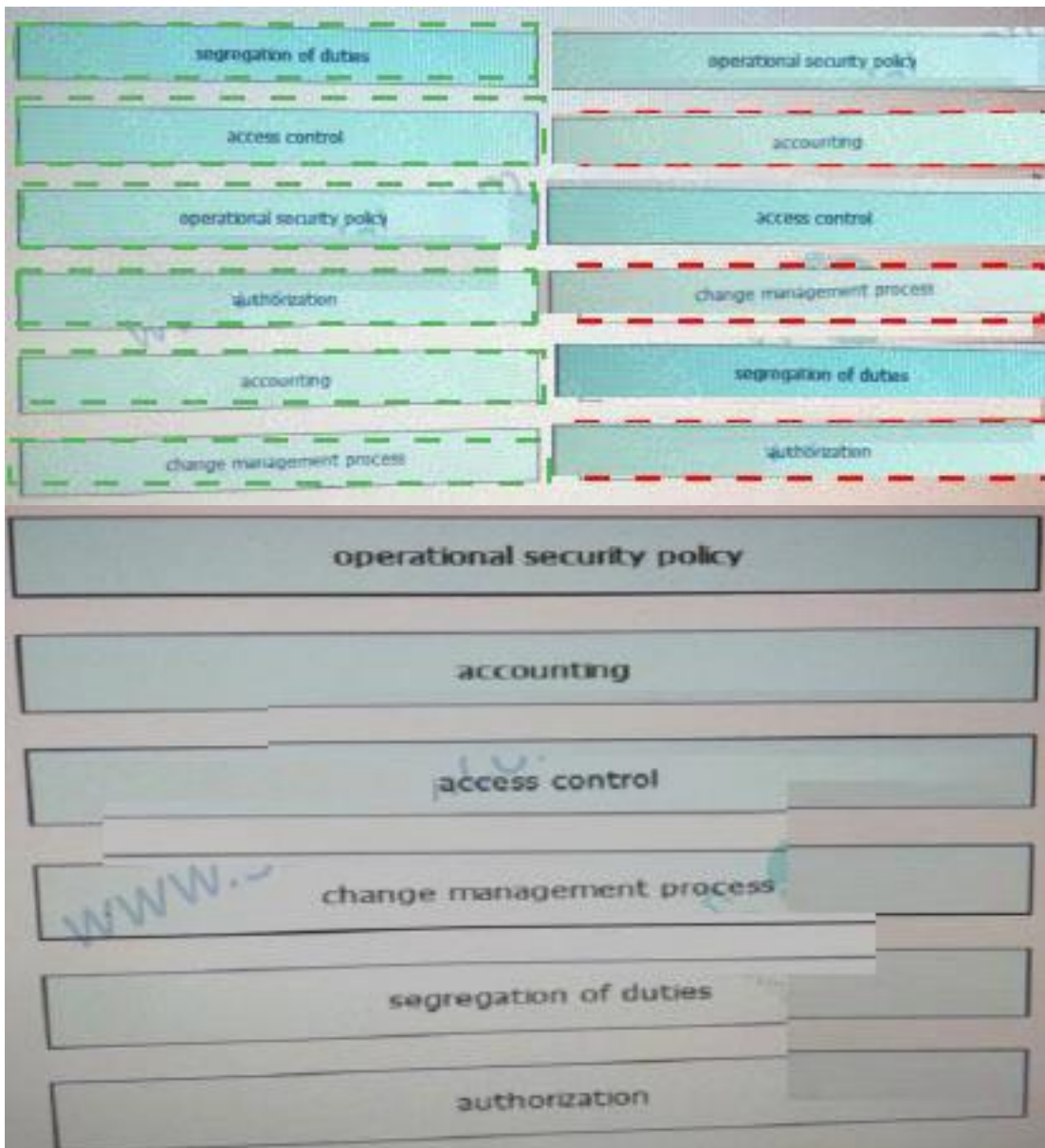
Secure Isolation-In a multi-tenant environment, the ability to securely contain and isolate tenant traffic is a fundamental requirement, protecting tenant resources and providing risk mitigation in the event that a specific tenant's privacy is breached. Like availability, isolation mechanisms are applied in a multi-layered fashion in order to implement the requisite infrastructure protection and security zoning policies on a per-tenant basis. In practice, techniques fall into two categories of physical and logical isolation mechanisms. However, VMDC analysis focuses mainly on logical mechanisms. These include various L2 and L3 mechanisms, such as multiple vNICs (i.e., for specific control or data traffic), 802.1q VLANs, MPLS VRFs, VSANs, combined with access control mechanisms (i.e., RBAC and directory services, IPSec or SSL VPNs), and packet filtering and firewall policies.

[https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data\\_Center/VMDC/2-2/design\\_guide/vmdcDesign22/VMDC\\_2-2\\_DG\\_1.html](https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/VMDC/2-2/design_guide/vmdcDesign22/VMDC_2-2_DG_1.html)

**NO.9** Drag and drop the operational security measures on the left onto the correct definitions on the right.



**Answer:**



**NO.10** Which three statements about transparent firewall are true? (Choose three)

- A. It only support PAT
- B. Both interfaces must be configured with private IP Addresses
- C. It does not support dynamic routing protocols
- D. Transparent firewall works at Layer 2
- E. It can have only a management IP address

**Answer:** C,D,E

**NO.11** Which two voice and video protocols do the Cisco ASA 5500 Series support with Cisco Unified Communications Application Inspection? (Chose two)

- A. H248
- B. SCCP
- C. SDP
- D. SCTP
- E. H.323
- F. SRTP

**Answer:** B,E

**NO.12** Which ASA high availability mode ensures that both ASAs are simultaneously processing live network traffic?

- A. active/active
- B. active/passive
- C. primary/active
- D. active/standby

**Answer:** A