PASSTCERT
QUESTION & ANSWER

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Exam : **500-258**

Title : Cisco ASA Express Security

Version : Demo

1.On the Cisco ASA, tcp-map can be applied to a traffic class using which MPF CLI configuration command?

A. inspect

B. sysopt connection

C. tcp-options

D. parameters

E. set connection advanced-options

Answer: E

2.Refer to the exhibit.

```
failover
failover lan unit primary
failover lan interface MYFAILOVER GigabitEthernet0/2
failover interface ip MYFAILOVER 172.16.5.1 255.255.255.0 standby 172.16.5.10
failover link  MYFAILOVER  GigabitEthernet0/2
failover key cisco123
failover group 1
primary
preempt
failover group 2
secondary
preempt
```

Which command enables the stateful failover option?

A. failover link MYFAILOVER GigabitEthernet0/2

B. failover lan interface MYFAILOVER GigabitEthernet0/2

C. failover interface ip MYFAILOVER 172.16.5.1 255.255.255.0 standby 172.16.5.10

D. preempt

E. failover group 1

F. primary

G. failover lan unit primary

Answer: A

3.In one custom dynamic application, the inside client connects to an outside server using TCP port 4444 and negotiates return client traffic in the port range of 5000 to 5500. The server then starts streaming UDP data to the client on the negotiated port in the specified range.

Which Cisco ASA feature or command supports this custom dynamic application?

A. TCP normalizer

B. TCP intercept

C. ip verify command

D. established command

E. tcp-map and tcp-options commands

F. set connection advanced-options command

Answer: D

4.Which Cisco ASA CLI command is used to enable HTTPS (Cisco ASDM) access from any inside host on the 10.1.16.0/20 subnet?
A. http 10.1.16.0 0.0.0.0 inside
B. http 10.1.16.0 0.0.15.255 inside
C. http 10.1.16.0 255.255.240.0 inside
D. http 10.1.16.0 255.255.255.255
Answer: C

5.Refer to the exhibit.

Which traffic is permitted on the inside interface without any interface ACLs configured?
A. any IP traffic input to the inside interface
B. any IP traffic input to the inside interface destined to any lower security level interfaces
C. only HTTP traffic input to the inside interface
D. only HTTP traffic output from the inside interface
E. No input traffic is permitted on the inside interface.
F. No output traffic is permitted on the inside interface.
Answer: C

6.On Cisco ASA Software Version 8.3 and later, which two statements correctly describe the NAT table or NAT operations? (Choose two.)
A. The NAT table has four sections.
B. Manual NAT configurations are found in the first (top) and/or the last (bottom) section(s) of the NAT table.
C. Auto NAT also is referred to as Object NAT.
D. Auto NAT configurations are found only in the first (top) section of the NAT table.
E. The order of the NAT entries in the NAT table is not relevant to how the packets are matched against the NAT table.
F. Twice NAT is required for hosts on the inside to be accessible from the outside.
Answer: B,C

7.Which two Cisco ASA licensing features are correct with Cisco ASA Software Version 8.3 and later? (Choose two.)
A. Identical licenses are not required on the primary and secondary Cisco ASA appliance.

B. Cisco ASA appliances configured as failover pairs disregard the time-based activation keys.

C. Time-based licenses are stackable in duration but not in capacity.

D. A time-based license completely overrides the permanent license, ignoring all permanently licensed features until the time-based license is uninstalled.

Answer: A,C

8.Which four unicast or multicast routing protocols are supported by the Cisco ASA appliance? (Choose four.)

A. RIP (v1 and v2)

B. OSPF

C. ISIS

D. BGP

E. EIGRP

F. Bidirectional PIM

G. MOSPF

H. PIM dense mode

Answer: A,B,E,F

9.Refer to the exhibit.

```
S    10.2.2.0 255.255.255.0 [1/0] via 172.16.1.10, dmz
S    10.3.3.0 255.255.255.0 [2/0] via 172.16.1.11, dmz
```

Which Cisco ASA CLI commands configure these static routes in the Cisco ASA routing table?

A. route dmz 10.2.2.0 0.0.0.255 172.16.1.10

route dmz 10.3.3.0 0.0.0.255 172.16.1.11

B. route dmz 10.2.2.0 0.0.0.255 172.16.1.10 1

route dmz 10.3.3.0 0.0.0.255 172.16.1.11 1

C. route dmz 10.2.2.0 0.0.0.255 172.16.1.10

route dmz 10.3.3.0 0.0.0.255 172.16.1.11 2

D. route dmz 10.2.2.0 255.255.255.0 172.16.1.10

route dmz 10.3.3.0 255.255.255.0 172.16.1.11

E. route dmz 10.2.2.0 255.255.255.0 172.16.1.10 1

route dmz 10.3.3.0 255.255.255.0 172.16.1.11 1

F. route dmz 10.2.2.0 255.255.255.0 172.16.1.10

route dmz 10.3.3.0 255.255.255.0 172.16.1.11 2

Answer: F

10.Which two options show the required Cisco ASA command(s) to allow this scenario? (Choose two.)

An inside client on the 10.0.0.0/8 network connects to an outside server on the 172.16.0.0/16 network using TCP and the server port of 2001. The inside client negotiates a client port in the range between UDP ports 5000 to 5500. The outside server then can start sending UDP data to the inside client on the negotiated port within the specified UDP port range.

A. access-list INSIDE line 1 permit tcp 10.0.0.0 255.0.0.0 172.16.0.0 255.255.0.0 eq 2001

access-group INSIDE in interface inside

B. access-list INSIDE line 1 permit tcp 10.0.0.0 255.0.0.0 172.16.0.0 255.255.0.0 eq 2001
access-list INSIDE line 2 permit udp 10.0.0.0 255.0.0.0 172.16.0.0 255.255.0.0 eq established
access-group INSIDE in interface inside
C. access-list OUTSIDE line 1 permit tcp 172.16.0.0 255.255.0.0 eq 2001 10.0.0.0 255.0.0.0
access-list OUTSIDE line 2 permit udp 172.16.0.0 255.255.0.0 10.0.0.0 255.0.0.0 eq 5000-5500
access-group OUTSIDE in interface outside
D. access-list OUTSIDE line 1 permit tcp 172.16.0.0 255.255.0.0 eq 2001 10.0.0.0 255.0.0.0
access-list OUTSIDE line 2 permit udp 172.16.0.0 255.255.0.0 10.0.0.0 255.0.0.0 eq established
access-group OUTSIDE in interface outside
E. established tcp 2001 permit udp 5000-5500
F. established tcp 2001 permit from udp 5000-5500
G. established tcp 2001 permit to udp 5000-5500
Answer: A,G