

300-730 Exam

Implementing Secure Solutions with Virtual Private Networks

Questions & Answers Demo

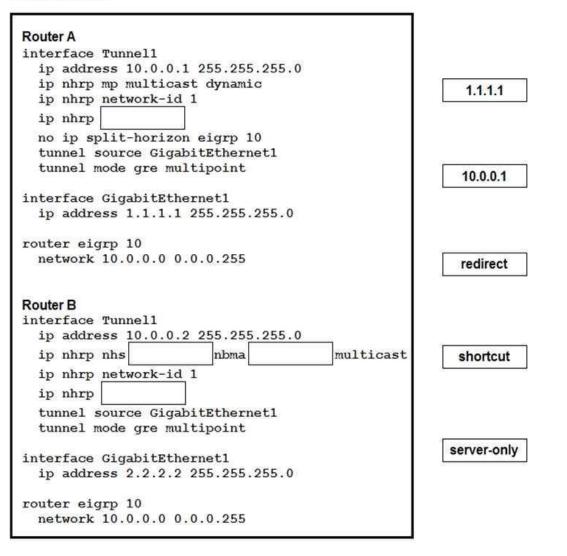
Version: 5.0

Topic 1, Site-to-site Virtual Private Networks on Routers and Firewall

Question: 1

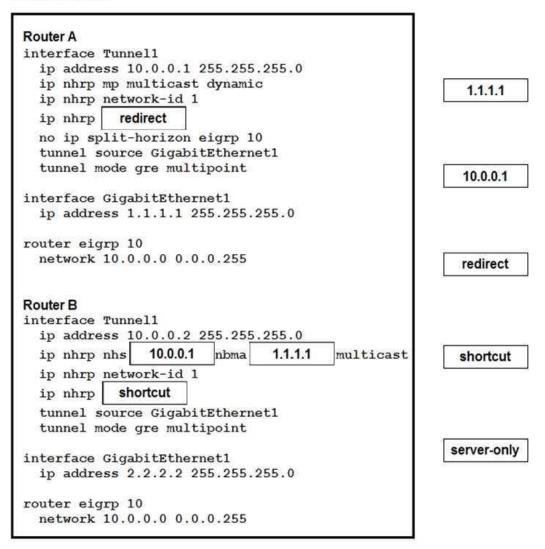
DRAG DROP

Drag and drop the correct commands from the night onto the blanks within the code on the left to implement a design that allow for dynamic spoke-to-spoke communication. Not all comments are used.



Answer:

Explanation:



Reference: <u>https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_dmvpn/configuration/xe-16/sec-conn-dmvpn-xe-16-book/sec-conn-dmvpn-summ-maps.html</u>

Question: 2

A second set of traffic selectors is negotiated between two peers using IKEv2. Which IKEv2 packet will contain details of the exchange?

A. IKEv2 IKE_SA_INIT B. IKEv2 INFORMATIONAL C. IKEv2 CREATE_CHILD_SA D. IKEv2 IKE_AUTH

Answer: B

Question: 3

Refer to the exhibit.

NORSENDAW (ip nolocp)
10.0.0.2/32 with 10.0.0.2
Thomal oversals of 00:02:09, explice 00:00:00.
Types: dynamic, Flags: woigue registration used nologo 00:00:01.
NORA address: 2.2.2.1.
10.0.0.3/32 with 10.0.0.3
Thomal oversals of 00:13:25, 01:46:34
Types: dynamic, Flags: woigue registrationed used nologo 00:00:13:25, 01:46:34

The DMVPN tunnel is dropping randomly and no tunnel protection is configured. Which spoke configuration mitigates tunnel drops?

```
A interface Tunnel0
    ip address 10.0.0.2 255.255.255.0
    no ip redirects
    ip nhrp map 10.0.0.1 1.1.1.1
    ip nhrp map multicast 1.1.1.1
    ip nhrp network-id 1
    ip nhrp holdtime 20
    ip nhrp nhs 10.0.0.1
    ip nhrp registration timeout 120
    ip nhrp shortcut
    tunnel source GigabitEthernet0/1
    tunnel mode gre multipoint
   end
B interface Tunnel0
   ip address 10.0.0.2 255.255.255.0
   no ip redirects
   ip nhrp map 10.0.0.1 1.1.1.1
   ip nhrp map multicast 1.1.1.1
   ip nhrp network-id 1
   ip nhrp holdtime 120
   ip nhrp nhs 10.0.0.1
   ip nhrp registration timeout 120
   ip nhrp shortcut
   tunnel source GigabitEthernet0/1
   tunnel mode gre multipoint
  end
```

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(a.
   O. Example: a sease interaction of the
     ip address 10.0.0.2 255.255.255.0
     partiessesser information of it court
     ip map map 10.0.0.1 1.1.1.1.
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     ting holocego norstawaarder tild. II.
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     ip addresss 10.0.0.2 255.255.255.0
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```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

Question: 4

On a FlexVPN hub-and-spoke topology where spoke-to-spoke tunnels are not allowed, which command is needed for the hub to be able to terminate FlexVPN tunnels?

A. interface virtual-access

B. ip nhrp redirect

C. interface tunnel

D. interface virtual-template

Answer: D

Question: 5

Which statement about GETVPN is true?

A. The configuration that defines which traffic to encrypt originates from the key server.

- B. TEK rekeys can be load-balanced between two key servers operating in COOP.
- C. The pseudotime that is used for replay checking is synchronized via NTP.

D. Group members must acknowledge all KEK and TEK rekeys, regardless of configuration.

Answer: A