

PASSTCERT

QUESTION & ANSWER

Higher Quality
Better Service!

We offer free update service for one year
[HTTP://WWW.PASSTCERT.COM](http://www.passtcert.com)

Exam : **300-730**

Title : Implementing Secure
Solutions with Virtual Private
Networks (SVPN)

Version : DEMO

1.DRAG DROP

Drag and drop the correct commands from the right 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 Area

Router A	
interface Tunnell	
ip address 10.0.0.1 255.255.255.0	
ip nhrp mp multicast dynamic	<input type="text" value="1.1.1.1"/>
ip nhrp network-id 1	
ip nhrp <input type="text"/>	
no ip split-horizon eigrp 10	
tunnel source GigabitEthernet1	
tunnel mode gre multipoint	<input type="text" value="10.0.0.1"/>
interface GigabitEthernet1	
ip address 1.1.1.1 255.255.255.0	
router eigrp 10	
network 10.0.0.0 0.0.0.255	<input type="text" value="redirect"/>
Router B	
interface Tunnell	
ip address 10.0.0.2 255.255.255.0	
ip nhrp nhs <input type="text"/> nbma <input type="text"/> multicast	<input type="text" value="shortcut"/>
ip nhrp network-id 1	
ip nhrp <input type="text"/>	
tunnel source GigabitEthernet1	
tunnel mode gre multipoint	
interface GigabitEthernet1	
ip address 2.2.2.2 255.255.255.0	<input type="text" value="server-only"/>
router eigrp 10	
network 10.0.0.0 0.0.0.255	

Answer:

Answer Area

Router A

```
interface Tunnell
  ip address 10.0.0.1 255.255.255.0
  ip nhrp mp multicast dynamic
  ip nhrp network-id 1
  ip nhrp 
  no ip split-horizon eigrp 10
  tunnel source GigabitEthernet1
  tunnel mode gre multipoint
```

```
interface GigabitEthernet1
  ip address 1.1.1.1 255.255.255.0
```

```
router eigrp 10
  network 10.0.0.0 0.0.0.255
```

Router B

```
interface Tunnell
  ip address 10.0.0.2 255.255.255.0
  ip nhrp nhs  nbma  multicast
  ip nhrp network-id 1
  ip nhrp 
  tunnel source GigabitEthernet1
  tunnel mode gre multipoint
```

```
interface GigabitEthernet1
  ip address 2.2.2.2 255.255.255.0
```

```
router eigrp 10
  network 10.0.0.0 0.0.0.255
```

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_dmvpn/configuration/xr-16/sec-conn-dmvpn-xr-16-book/sec-conn-dmvpn-summm-maps.html

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

3.Refer to the exhibit.

```
HUB#show ip nhrp
10.0.0.2/32 via 10.0.0.2
  Tunnel0 created 00:02:09, expire 00:00:01
  Type: dynamic, Flags: unique registered used nhop
  NBMA address: 2.2.2.1
10.0.0.3/32 via 10.0.0.3
  Tunnel0 created 00:13:25, 01:46:34
  Type: dynamic, Flags: unique registered used nhop
  NBMA address: 3.3.3.1
```

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
```

C)

```
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 20
 ip nhrp shortcut
 tunnel source GigabitEthernet0/1
 tunnel mode gre multipoint
end
```

D)

```
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 150
 ip nhrp shortcut
 tunnel source GigabitEthernet0/1
 tunnel mode gre multipoint
end
```

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

Answer: D

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

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