QUESTION 12
Where is split tunneling defined for IKEv2 remote access clients on a Cisco router?

A. IKEv2 authorization policy
B. Group Policy
C. virtual template
D. webvpn context

Answer: B

QUESTION 13
Which technology is used to send multicast traffic over a site-to-site VPN?

A. GRE over IPsec on IOS router
B. GRE over IPsec on FTD
C. IPsec tunnel on FTD
D. GRE tunnel on ASA

Answer: B

QUESTION 14
Which feature of GETVPN is a limitation of DMVPN and FlexVPN?

A. sequence numbers that enable scalable replay checking
B. enabled use of ESP or AH
C. design for use over public or private WAN
D. no requirement for an overlay routing protocol

Answer: D

QUESTION 15
Refer to the exhibit. Cisco AnyConnect must be set up on a router to allow users to access internal servers
192.168.0.10 and 192.168.0.11.
All other traffic should go out of the client's local NIC.
Which command accomplishes this configuration?

```
ip access-list extended CCNP
 permit 192.168.0.10
 permit 192.168.0.11

webvpn gateway SSL_Gateway
 ip address 172.16.0.25 port 443
 ssl trustpoint AnyConnect_Cert
 inservice

webvpn context SSL_Context
 gateway SSL_Gateway

 ssl authenticate verify all
 inservice

 policy group SSL_Policy
    functions svc-enabled
    svc address-pool "ACPool" netmask 255.255.255.0
    svc dns-server primary 192.168.0.100
    svc default-domain cisco.com
 default-group-policy SSL_Policy
```

A. svc split include 192.168.0.0 255.255.255.0
B. svc split exclude 192.168.0.0 255.255.255.0
C. svc split include acl CCNP
D. svc split exclude acl CCNP

Answer: C

QUESTION 16
Drag and Drop Question
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 Area

```
Router A
interface Tunnel1
  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 Tunnel1
  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
```

| 1.1.1.1 |
| 10.0.0.1 |
| redirect |
| shortcut |
| server-only |

Answer:

Answer Area

Router A
```
interface Tunnel1
  ip address 10.0.0.1 255.255.255.0
  ip nhrp mp multicast dynamic
  ip nhrp network-id 1
  ip nhrp  [ redirect ]
  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 Tunnel1
  ip address 10.0.0.2 255.255.255.0
  ip nhrp nhs [ 10.0.0.1 ] nbma [ 1.1.1.1 ] multicast
  ip nhrp network-id 1
  ip nhrp [ shortcut ]
  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
```

[server-only]

Explanation:
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

QUESTION 17
Which two are characteristics of GETVPN? (Choose two.)

A. The IP header of the encrypted packet is preserved
B. A key server is elected among all configured Group Members
C. Unique encryption keys are computed for each Group Member
D. The same key encryption and traffic encryption keys are distributed to all Group Members

Answer: AD

QUESTION 18
In FlexVPN, what is the role of a NHRP resolution request?

A. It allows these entities to directly communicate without requiring traffic to use an intermediate hop

B. It dynamically assigns VPN users to a group
C. It blocks these entities from to directly communicating with each other
D. It makes sure that each VPN spoke directly communicates with the hub

Answer: A

QUESTION 19
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 20
Refer to the exhibit. The DMVPN tunnel is dropping randomly and no tunnel protection is configured.

```
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
```

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
```

Answer: D

QUESTION 21
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 22
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