database is updated with the foreign entry.

Correct Answer: D

QUESTION 88
Refer to the exhibit. An engineer must configure an ERSPAN session with the remote end of the session 10.10.0.1. Which commands must be added to complete the configuration?

```
Device> enable
Device# configure terminal
Device(config)# monitor session 1 type erspan-source
Device(config-mon-erspan-src)# description source1
Device(config-mon-erspan-src)# source interface GigabitEthernet1/0/1 rx
Device(config-mon-erspan-src)# source interface GigabitEthernet1/0/4 - 8 tx
Device(config-mon-erspan-src)# source interface GigabitEthernet1/0/3
Device(config-mon-erspan-src)# destination
Device(config-mon-erspan-src-dst)# erspan-id 100
Device(config-mon-erspan-src-dst)# origin ip address 10.1.0.1
Device(config-mon-erspan-src-dst)# ip prec 5
Device(config-mon-erspan-src-dst)# ip ttl 32
Device(config-mon-erspan-src-dst)# mtu 1700
Device(config-mon-erspan-src-dst)# origin ip address 10.10.0.1
Device(config-mon-erspan-src-dst)# vrf 1
Device(config-mon-erspan-src-dst)# no shutdown
Device(config-mon-erspan-src-dst)# end
```

A.
```
Device(config)# monitor session 1 type erspan-source
Device(config-mon-erspan-src)# destination
Device(config-mon-erspan-src-dst)#no origin ip address 10.10.0.1
Device(config-mon-erspan-src-dst)#ip address 10.10.0.1
```

B.
```
Device(config)# monitor session 1 type erspan-source
Device(config-mon-erspan-src)# destination
Device(config-mon-erspan-src-dst)#no origin ip address 10.10.0.1
Device(config-mon-erspan-src-dst)#ip destination address 10.10.0.1
```

C.
```
Device(config)# monitor session 1 type erspan-destination
Device(config-mon-erspan-src)# source
Device(config-mon-erspan-src-dst)#origin ip address 10.1.0.1
```

D.
```
Device(config)# monitor session 1 type erspan-source
Device(config-mon-erspan-src)# destination
Device(config-mon-erspan-src-dst)#no vrf 1
```

Correct Answer: A
Explanation:
Example:
Configuring an ERSPAN Source Session on a WAN Interface

The following example shows how to configure more than one WAN interface in a single ERSPAN source monitor session. Multiple interfaces have been separated by a commas.

monitor session 100 type erspan-source

source interface Serial 0/1/0:0, Serial 0/1/0:6

Example:
Configuring an ERSPAN Destination Session

The following example shows how to configure an ERSPAN destination session:

monitor session 2 type erspan-destination

destination interface GigabitEthernet1/3/2

destination interface GigabitEthernet2/2/0

source

erspan-id 100

ip address 10.10.0.1

QUESTION 89
Refer to the exhibit. An engineer must deny Telnet traffic from the loopback interface of router R3 to the Loopback interface of router R2 during, the weekend hours. All other traffic between the loopback interfaces of routers R3 and R2 must be allowed at all times. Which command set accomplishes this task?
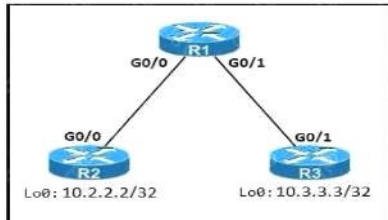
A.
```
R1(config)#time-range WEEKEND
R1(config-time-range)#periodic Friday Sunday 00:00 to 00:00

R1(config)#access-list 150 deny tcp host 10.3.3.3 host 10.2.2.2 eq 23 time-range WEEKEND
R1(config)#access-list 150 permit ip any any

R1(config)#interface G0/1
R1(config-if)#ip access-group 150 in
```

B.
```
R3(config)#time-range WEEKEND
R3(config-time-range)#periodic weekend 00:00 to 23:59

R3(config)#access-list 150 permit tcp host 10.3.3.3 host 10.2.2.2 eq 23 time-range WEEKEND
R3(config)#access-list 150 permit ip any any time-range WEEKEND

R3(config)#interface G0/1
R3(config-if)#ip access-group 150 out
```

C.
```
R3(config)#time-range WEEKEND
R3(config-time-range)#periodic Saturday Sunday 00:00 to 23:59

R3(config)#access-list 150 deny tcp host 10.3.3.3 host 10.2.2.2 eq 23 time-range WEEKEND
R3(config)#access-list 150 permit ip any any time-range WEEKEND

R3(config)#interface G0/1
R3(config-if)#ip access-group 150 out
```

D.
```
R1(config)#time-range WEEKEND
R1(config-time-range)#periodic weekend 00:00 to 23:59

R1(config)#access-list 150 deny tcp host 10.3.3.3 host 10.2.2.2 eq 23 time-range WEEKEND
R1(config)#access-list 150 permit ip any any

R1(config)#interface G0/1
R1(config-if)#ip access-group 150 in
```

Correct Answer: D
Explanation:
We cannot filter traffic that is originated from the local router (R3 in this case) so we can only configure the ACL on R1 or R2. "Weekend hours" means from Saturday morning through Sunday night so we have to configure: "periodic weekend 00:00 to 23:59".Note: The time is specified in 24-hour time (hh:mm), where the hours range from 0 to 23 and the minutes range from 0 to 59.
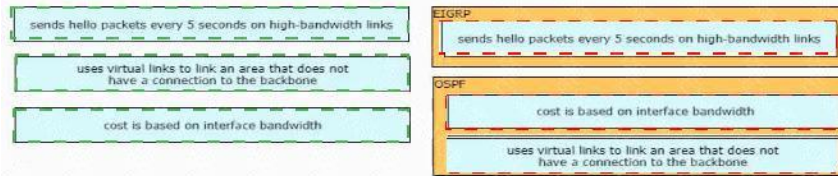**QUESTION 90**
DRAG DROP
Drag and drop the characteristics from the left onto the routing protocols they describe on the right.

Correct Answer:

sends hello packets every 5 seconds on high-bandwidth links	**EIGRP** sends hello packets every 5 seconds on high-bandwidth links
uses virtual links to link an area that does not have a connection to the backbone	**OSPF** cost is based on interface bandwidth
cost is based on interface bandwidth	uses virtual links to link an area that does not have a connection to the backbone

QUESTION 91

An engineer must configure a new loopback Interface on a router and advertise the interface as a fa4 in OSPF. Which command set accomplishes this task?

A. R2(config)# interface Loopback0
    R2(config-if)# ip address 172.22.2.1 255.255.255.0
    R2(config-if)# ip ospf 100 area 0

B. R2(config)# interface Loopback0
    R2(config-if)# ip address 172.22.2.1 255.255.255.0
    R2(config-if)# ip ospf network point-to-point
    R2(config-if)# ip ospf 100 area 0

C. R2(config)# interface Loopback0
    R2(config-if)# ip address 172.22.2.1 255.255.255.0
    R2(config-if)# ip ospf network point-to-multipoint
    R2(config-if)# router ospf 100
    R2(config-router)# network 172.22.2.0 0.0.0.255 area 0

D. R2(config)# interface Loopback0
    R2(config-if)# ip address 172.22.2.1 255.255.255.0
    R2(config-if)# ip ospf network broadcast
    R2(config-if)# ip ospf 100 area 0

Correct Answer: A
Explanation:
Step 1. Create the loopback interface using the interface loopback number global configuration command.

Step 2. Add a description. Although optional, it is a necessary component for documenting a network.

Step 3. Configure the IP address.

For example, the following commands configure a loopback interface of the R1 router shown in (shown earlier in the chapter):

R1# configure terminal

R1(config)# interface loopback 0

R1(config-if)# ip address 10.0.0.1 255.255.255.0

R1(config-if)# exit
R1(config)#

QUESTION 92
While configuring an IOS router for HSRP with a virtual IP of 10 1.1.1. an engineer sees this log message.

Jan 1 12:12:12.111 : %HSRP-4-DIFFVIP1: GigabitEthernet0/0 Grp 1 active routers virtual IP address 10.1.1.1 is different to the locally configured address 10.1.1.25

Which configuration change must the engineer make?

A.   Change the HSRP group configuration on the local router to 1.
B.   Change the HSRP virtual address on the local router to 10.1.1.1.

C. Change the HSRP virtual address on the remote router to 10.1.1.1.
D. Change the HSRP group configuration on the remote router to 1.

Correct Answer: B

QUESTION 93
Refer to the exhibit. Which privilege level is assigned to VTY users?

```
R1# sh run | begin line con
line con o
  exec-timeout 0 0
  privilege level 15
  logging synchronous
  stopbits 1
line aux o
  exec-timeout 0 0
  privilege level 15
  logging synchronous
  stopbits 1
line vty 0 4
  password 7 045802150C2E
  login
line vty 5 15
  password 7 045802150C2E
  login
!
end

R1#  sh  run | include aaa | enable
no aaa new-model
R1#
```

A. 1
B. 7
C. 13
D. 15

Correct Answer: A
Explanation:
Lines (CON, AUX, VTY) default to level 1 privileges.

QUESTION 94
Which resource is able to be shared among virtual machines deployed on the same physical server?

A. applications
B. disk
C. VM configuration file
D. operating system

Correct Answer: B

QUESTION 95
Which two GRE features are configured to prevent fragmentation? (Choose two.)
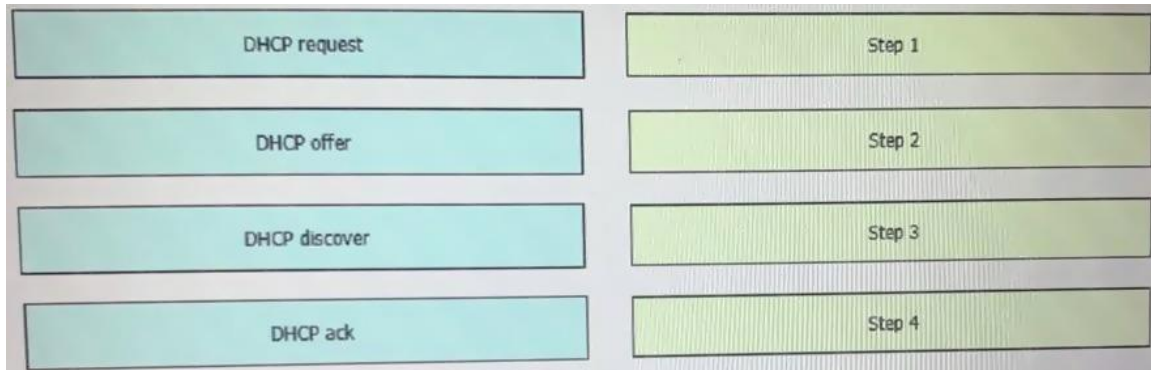
A. TCP MSS
B. PMTUD
C. DF bit Clear

D. MTU ignore
E. IP MTU
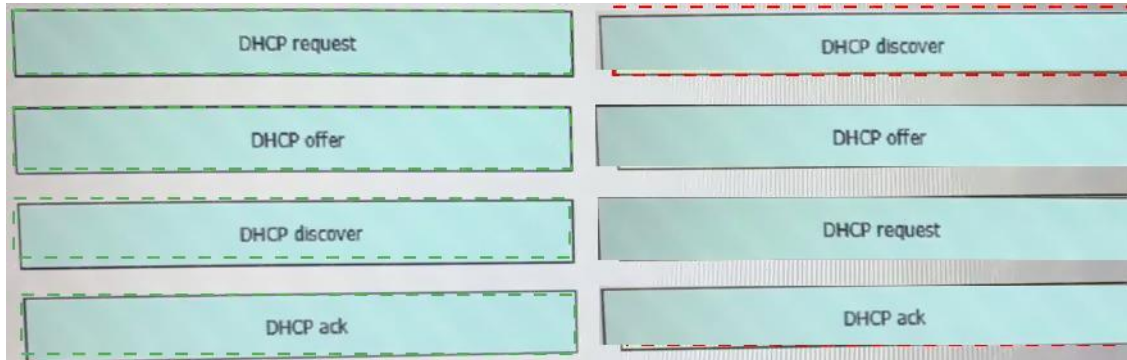F. TCP window size

Correct Answer: AE

QUESTION 96
DRAG DROP
Drag and drop the DHCP messages that are exchanged between a client and an AP into the order they are exchanged on the right.

DHCP request	Step 1
DHCP offer	Step 2
DHCP discover	Step 3
DHCP ack	Step 4

Correct Answer:

DHCP request	DHCP discover
DHCP offer	DHCP offer
DHCP discover	DHCP request
DHCP ack	DHCP ack

QUESTION 97
Refer to the exhibit. A network architect has partially configured static NAT. Which commands should be asked to complete the configuration?