Free Questions for 350-401 by ebraindumps

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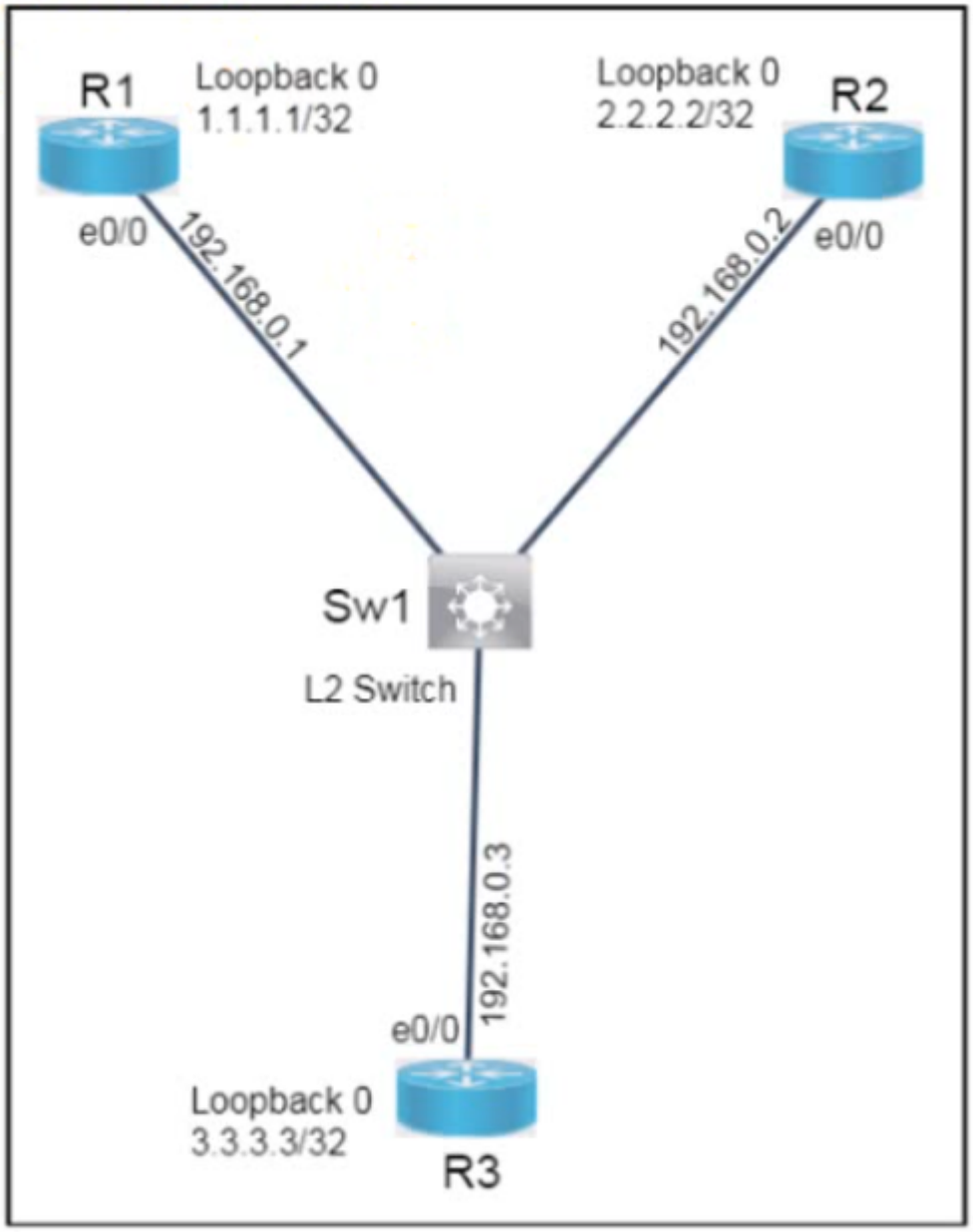
Question 1

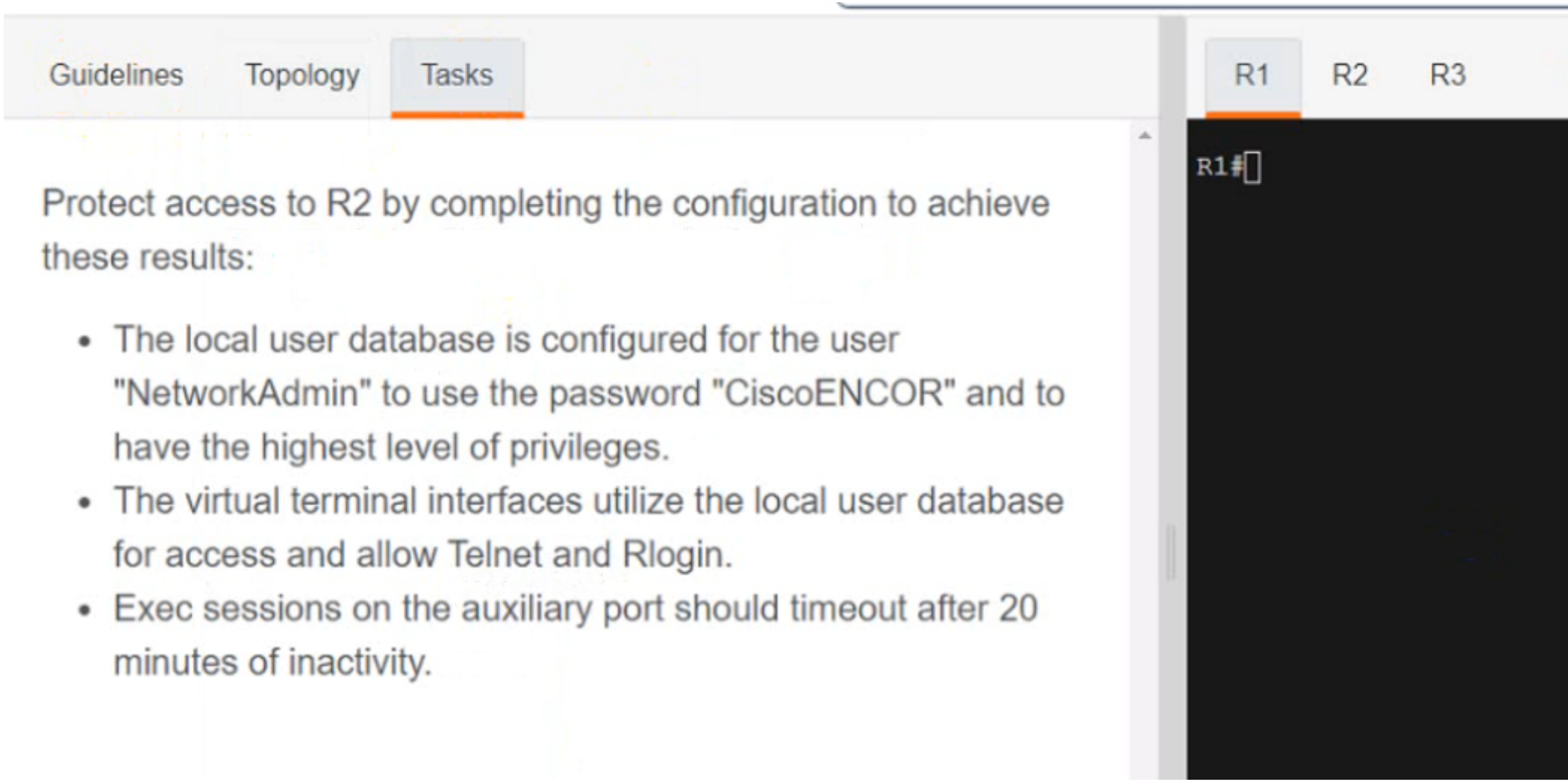
Question Type: **MultipleChoice**

SIMULATION

33:-


R1
Loopback 0
1.1.1.1/32
Loopback 0
2.2.2.2/32
R2
e0/0
192.168.0.1
192.168.0.2
e0/0
Sw1
L2 Switch
192.168.0.3
e0/0
Loopback 0
3.3.3.3/32
R3

R1#


Guidelines
Topology
Tasks
R1
R2
R3
R1#
Protect access to R2 by completing the configuration to achieve these results:
The local user database is configured for the user "NetworkAdmin" to use the password "CiscoENCOR" and to have the highest level of privileges.
The virtual terminal interfaces utilize the local user database for access and allow Telnet and Rlogin.
Exec sessions on the auxiliary port should timeout after 20 minutes of inactivity.

Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

R2

config t

username NetworkAdmin privilege 15 password CiscoENCOR

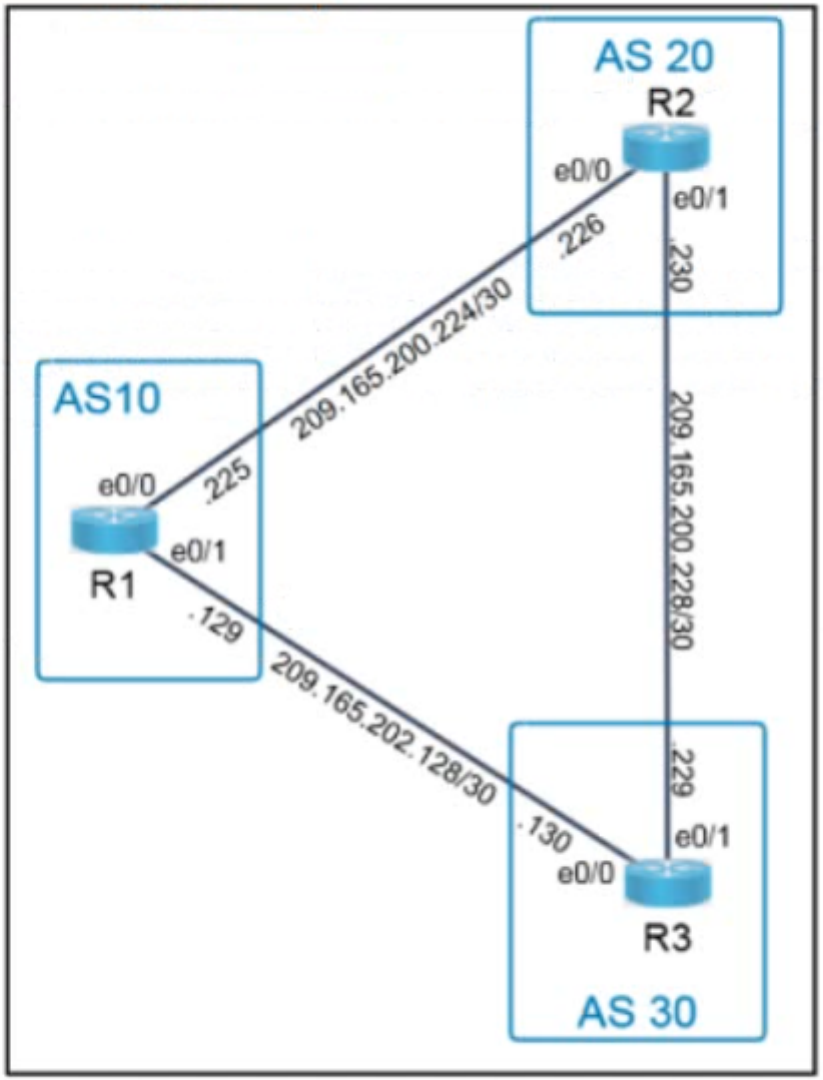
line vty 0 4

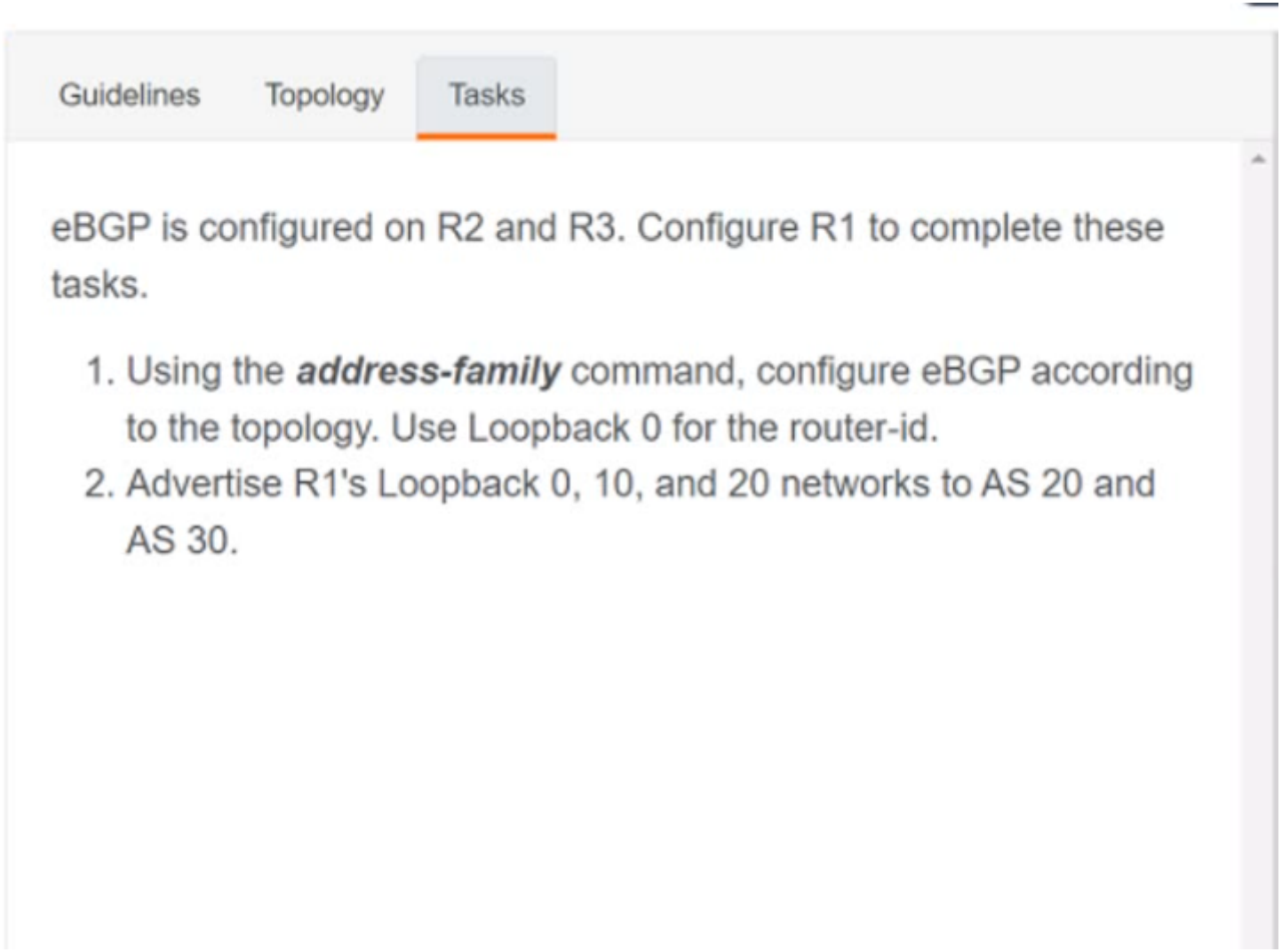
login local

transport input telnet rlogin

exec-timeout 1200 0

Guidelines | Topology | Tasks




Guidelines
Topology
Tasks
eBGP is configured on R2 and R3. Configure R1 to complete these tasks.
1. Using the address-family command, configure eBGP according to the topology. Use Loopback 0 for the router-id.
2. Advertise R1's Loopback 0, 10, and 20 networks to AS 20 and AS 30.

R1

router bgp 10

no bgp default ipv4-unicast

bgp router-id 10.1.1.111

neigh 209.165.200.226 remote-as 20

neigh 209.165.202.130 remote-as 30

address-family ipv4

network 10.1.1.10 mask 255.255.255.255

network 209.165.201.20 mask 255.255.255.255

network 209.165.201.10 mask 255.255.255.255

neigh 209.165.200.226 activate

neigh 209.165.202.130 activate

wr

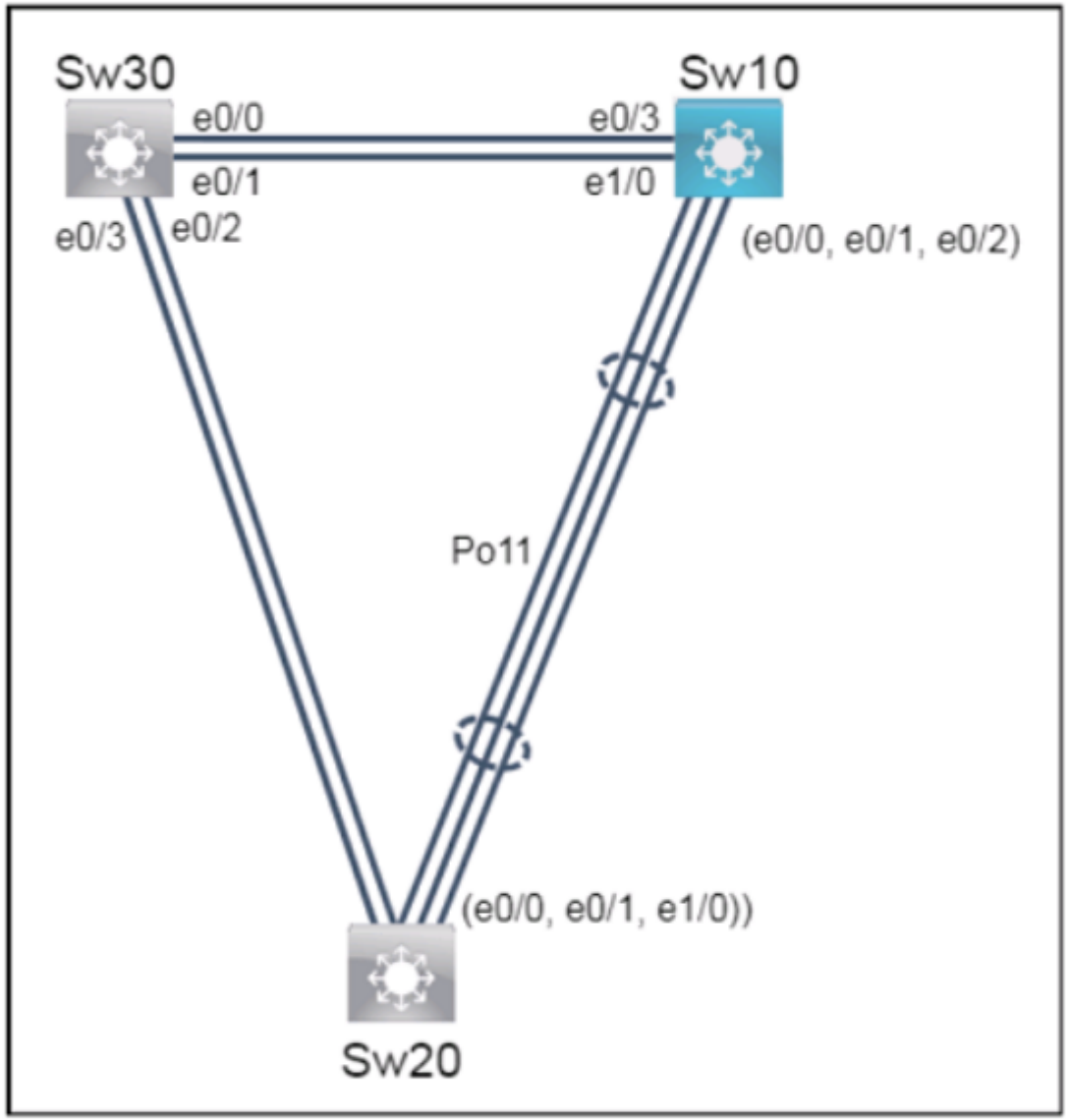
Question 2

Question Type: **MultipleChoice**

SIMULATION

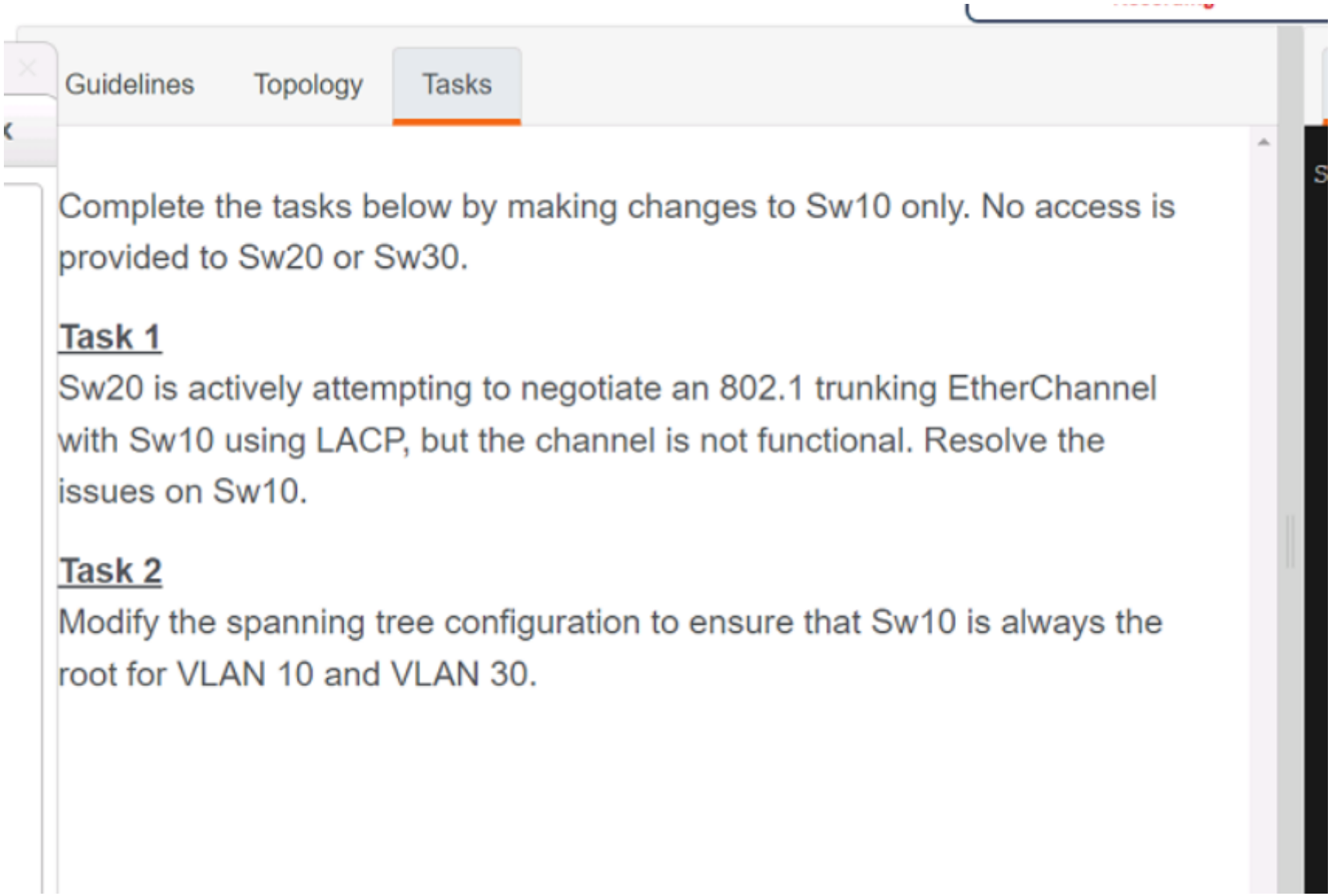
32:-

ines | Topology | Tasks



Sw10

```
Sw10#
```


Guidelines
Topology
Tasks
Complete the tasks below by making changes to Sw10 only. No access is provided to Sw20 or Sw30.
Task 1
Sw20 is actively attempting to negotiate an 802.1 trunking EtherChannel with Sw10 using LACP, but the channel is not functional. Resolve the issues on Sw10.
Task 2
Modify the spanning tree configuration to ensure that Sw10 is always the root for VLAN 10 and VLAN 30.

Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

Solution:-

Default int range et0/0-1

Int range e0/0 -- 1

Sw trunk encap dot1

Switch mode trunk

Channel-group 2 mode passive

No shut

Spanning-tree vlan 10 priority 0

Spanning-tree vlan 30 priority 0

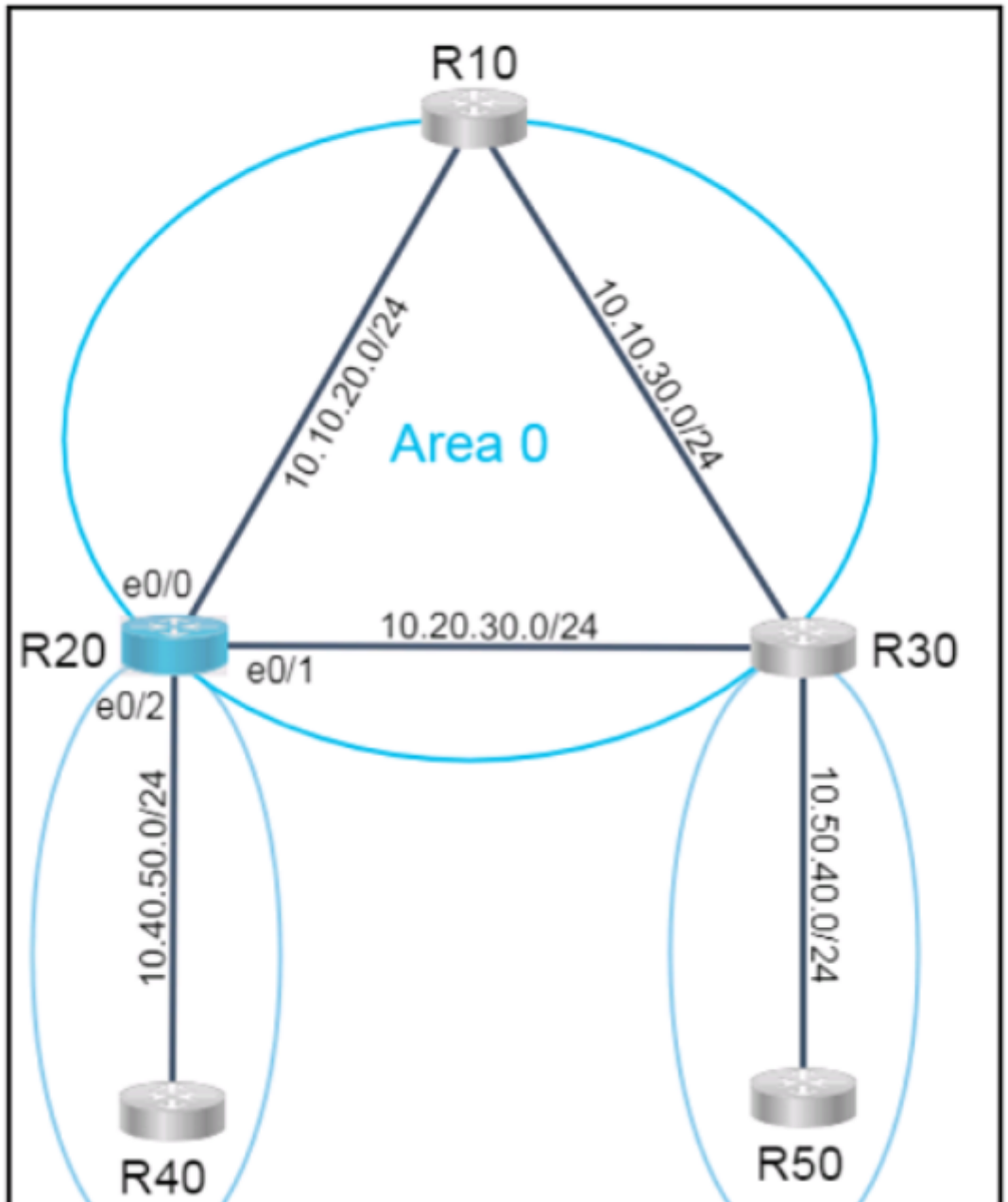
Question 3

Question Type: **MultipleChoice**

SIMULATION

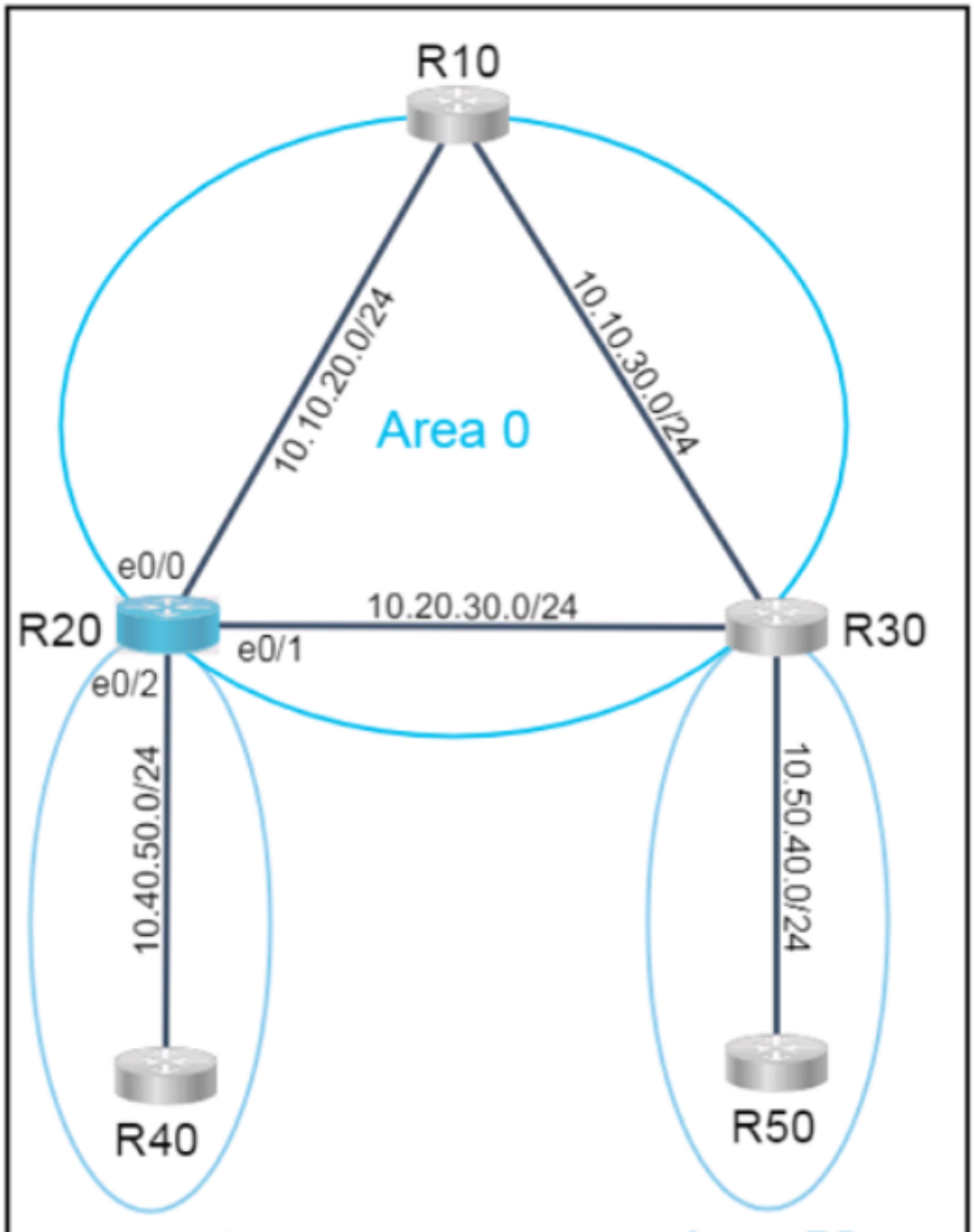
31:-

Guidelines | Topology | Tasks



nment

uidelines | Topology | Tasks



Comment

Recording

Guidelines Topology Tasks

x

OSPF is preconfigured on all devices except R20.
Configure R20 to complete these tasks.

Task 1:

Configure OSPF according to the topology using these requirements:

- Use Process ID 20.
- Use Loopback0 for the Router ID.
- Advertise all networks into OSPF.
    - Do not use **network** statements under the OSPF process to accomplish this task.

Task 2:

Configure a /18 summary route for Area 40.

OR

Guidelines Topology Tasks

OSPF is preconfigured on all devices except R20. Configure R20 to complete these tasks.

Task 1:

Configure OSPF according to the topology using these requirements:

- Use Process ID 100.
- Use Loopback1 for the Router ID.
- Advertise all networks into OSPF.
  - Do not use **network** statements under the OSPF process to accomplish this task.

Task 2:

Configure a /19 summary route for Area 40.

- Advertise only Type 3 LSAs into Area 0.

R20

```
R20#
```

OR

Comment

Recording

Guidelines | Topology | Tasks

OSPF is preconfigured on all devices except R20.
Configure R20 to complete these tasks.

Task 1:

Configure OSPF according to the topology using these requirements:

- Use Process ID 10.
- Use Loopback0 for the Router ID.
- Advertise all networks into OSPF.
    - Do not use **network** statements under the OSPF process to accomplish this task.

Task 2:

Configure a /16 summary route for Area 40.

- Advertise only Type 3 LSAs into Area 0

OR

Guidelines Topology Tasks

OSPF is preconfigured on all devices except R20. Configure R20 to complete these tasks.

Task 1:

Configure OSPF according to the topology using these requirements:

- Use Process ID 10.
- Use Loopback1 for the Router ID.
- Advertise all networks into OSPF.
  - Use **network** statements under the OSPF process to accomplish this task.

Task 2:

Configure a /20 summary route for Area 40.

- Advertise only Type 3 LSAs into Area 0.

R20

```
R20#
R20#
R20#
R20#
R20#
R20#
R20#sh ip int br | ex u
Interface
         Protocol
Ethernet0/0
         up
Ethernet0/1
         up
Ethernet0/2
         up
Loopback0
         up
Loopback1
         up

R20#
```

Options:

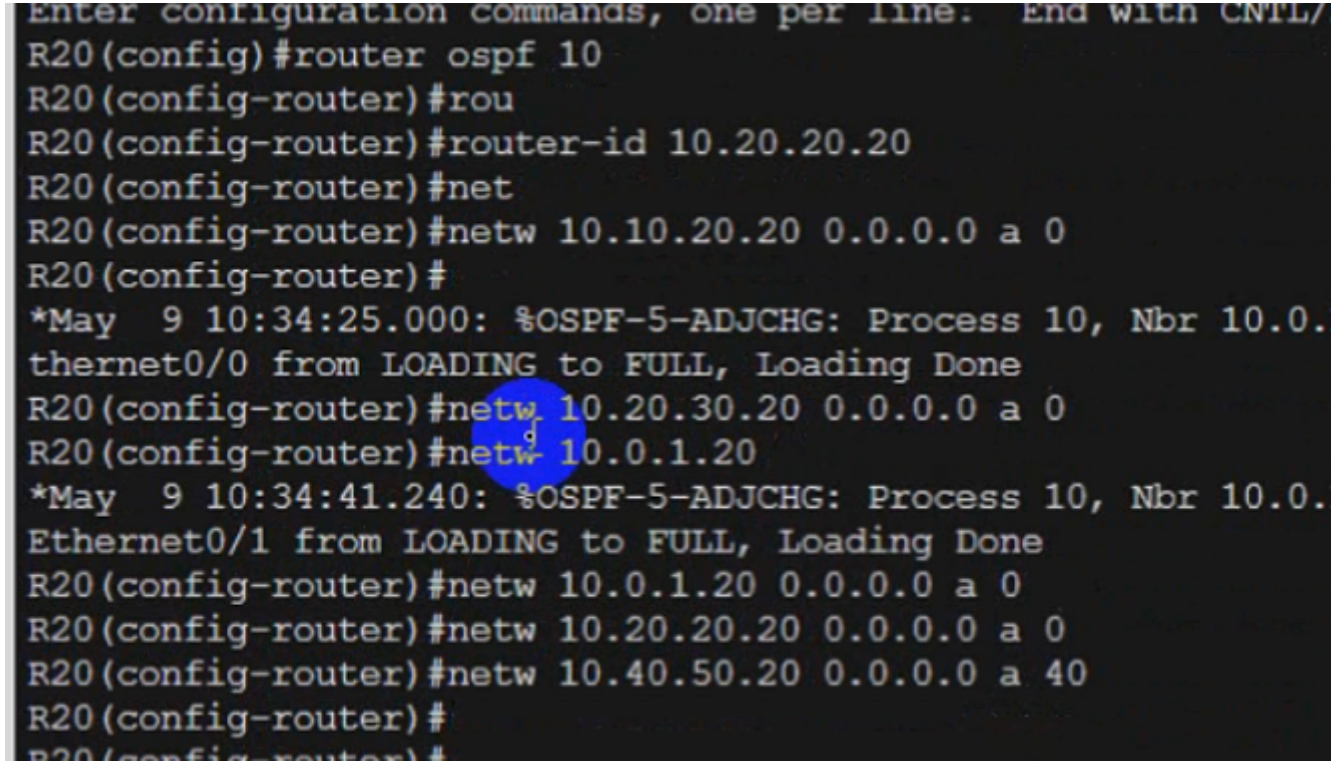
A- See the solution below in Explanation

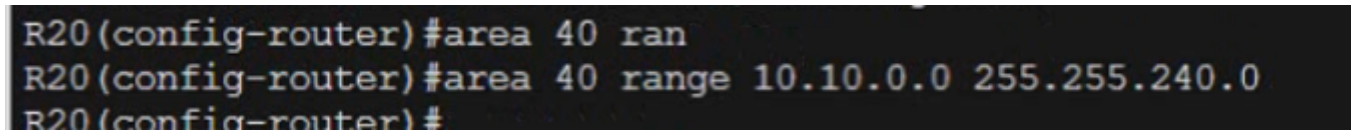
Answer:

A

Explanation:

Solution:-





wr

Question 4

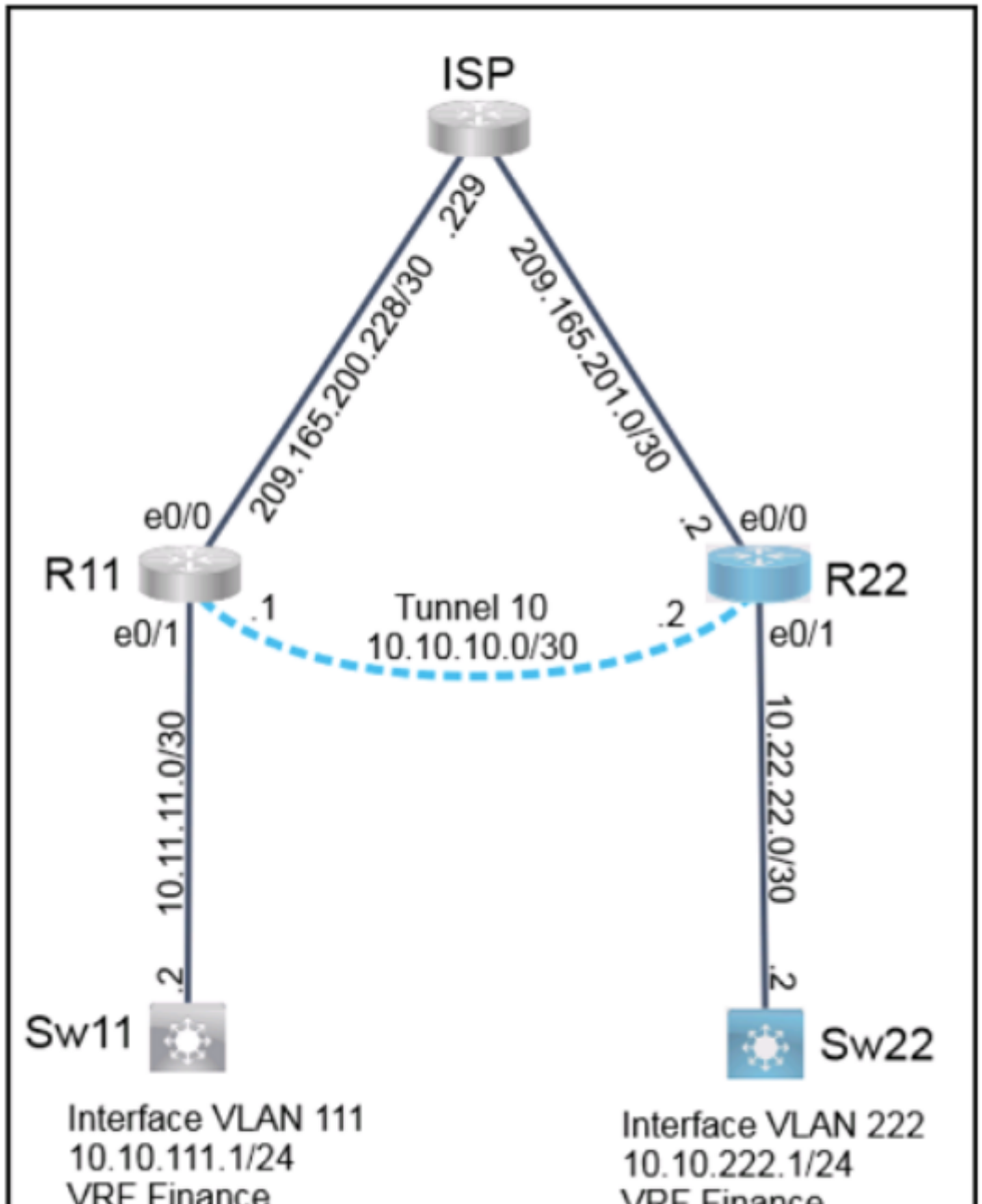
Question Type: **MultipleChoice**

SIMULATION

30:-

Guidelines | Topology | Tasks

R22 | Sw22



R22#

Guidelines Topology Tasks

A colleague started configuring a new network. All configurations on R11 are complete and communication between R11 and R22 is functional. Complete the configurations on R22 for the tasks below.

Task 1

Extend the Finance VRF between R11 and R22 using Tunnel 10.

Task 2

Complete the Finance VRF configuration on R22 and configure static routing so that traffic between VLAN 111 and VLAN 222 uses Tunnel 10 exclusively.

Note: Sw22 can be used to validate traffic flow.

Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

R22

int tun0

vrf forwarding FINANCE

ip add 10.10.10.2 255.255.255.0

tunn source e0/0

tunnel dest 209.165.200.230

no shut

ip route vrf FINANCE 10.10.111.0 255.255.255.0 tunn0

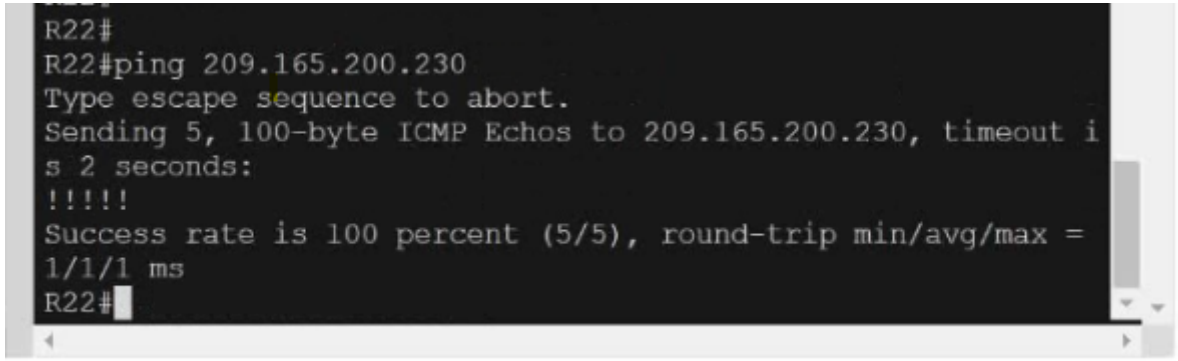
int et0/1

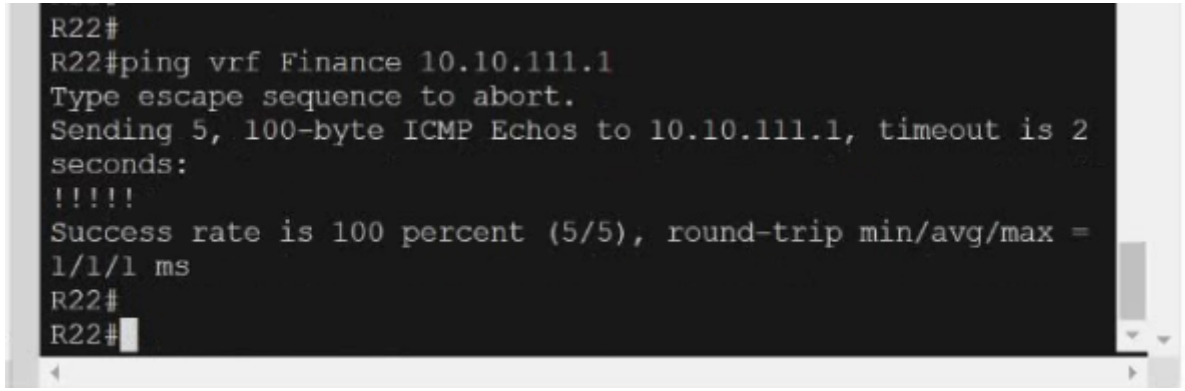
vrf forwarding FINANCE

ip address 10.22.22.1 255.255.255.252

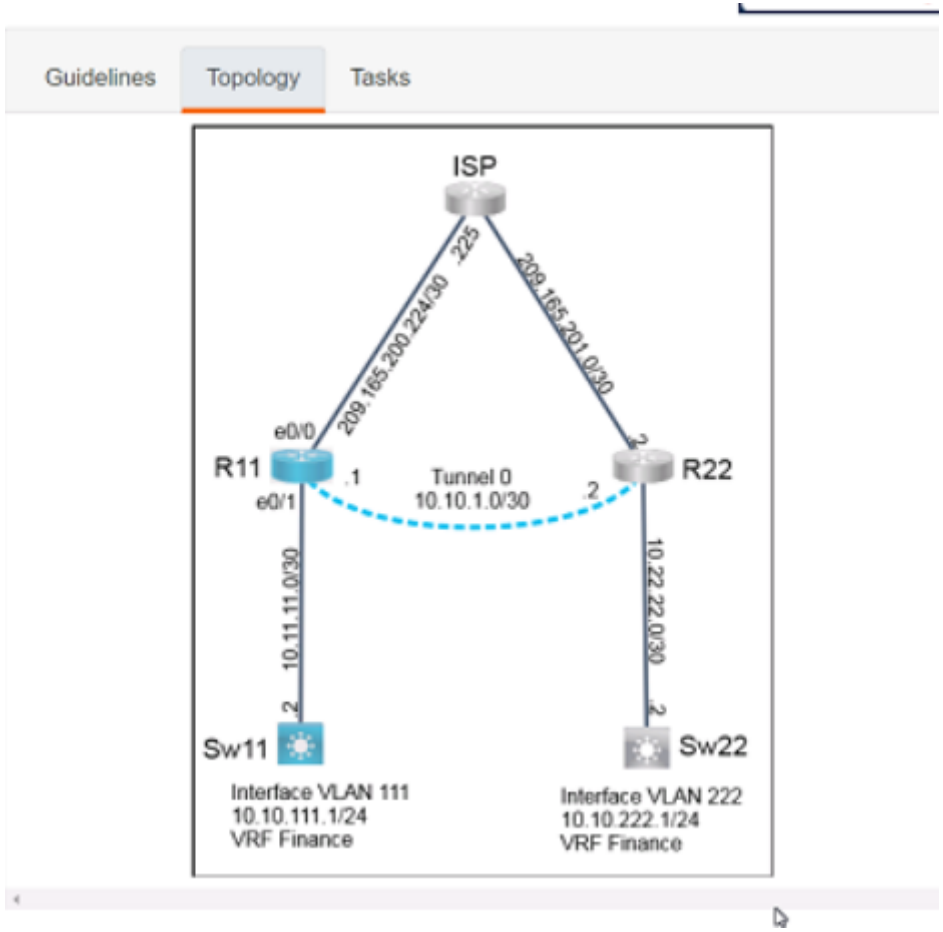
wr

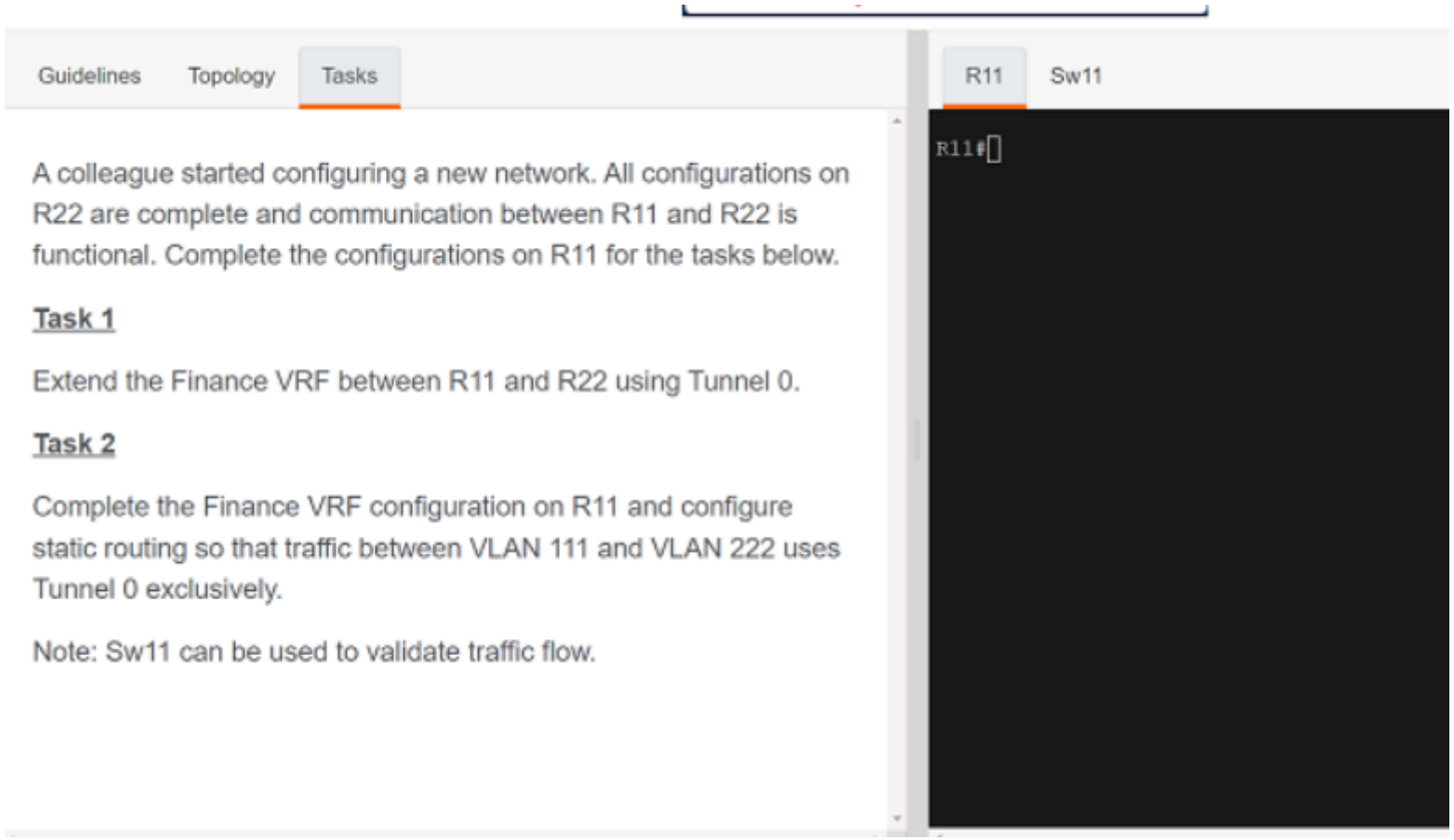
Verification:-





OR


Guidelines
Topology
Tasks
ISP
209.165.200.224/30
.225
209.165.201.0/30
.2
e0/0
R11
.1
Tunnel 0
10.10.1.0/30
.2
R22
e0/1
10.11.11.0/30
.2
10.22.22.0/30
.2
Sw11
Sw22
Interface VLAN 111
10.10.111.1/24
VRF Finance
Interface VLAN 222
10.10.222.1/24
VRF Finance

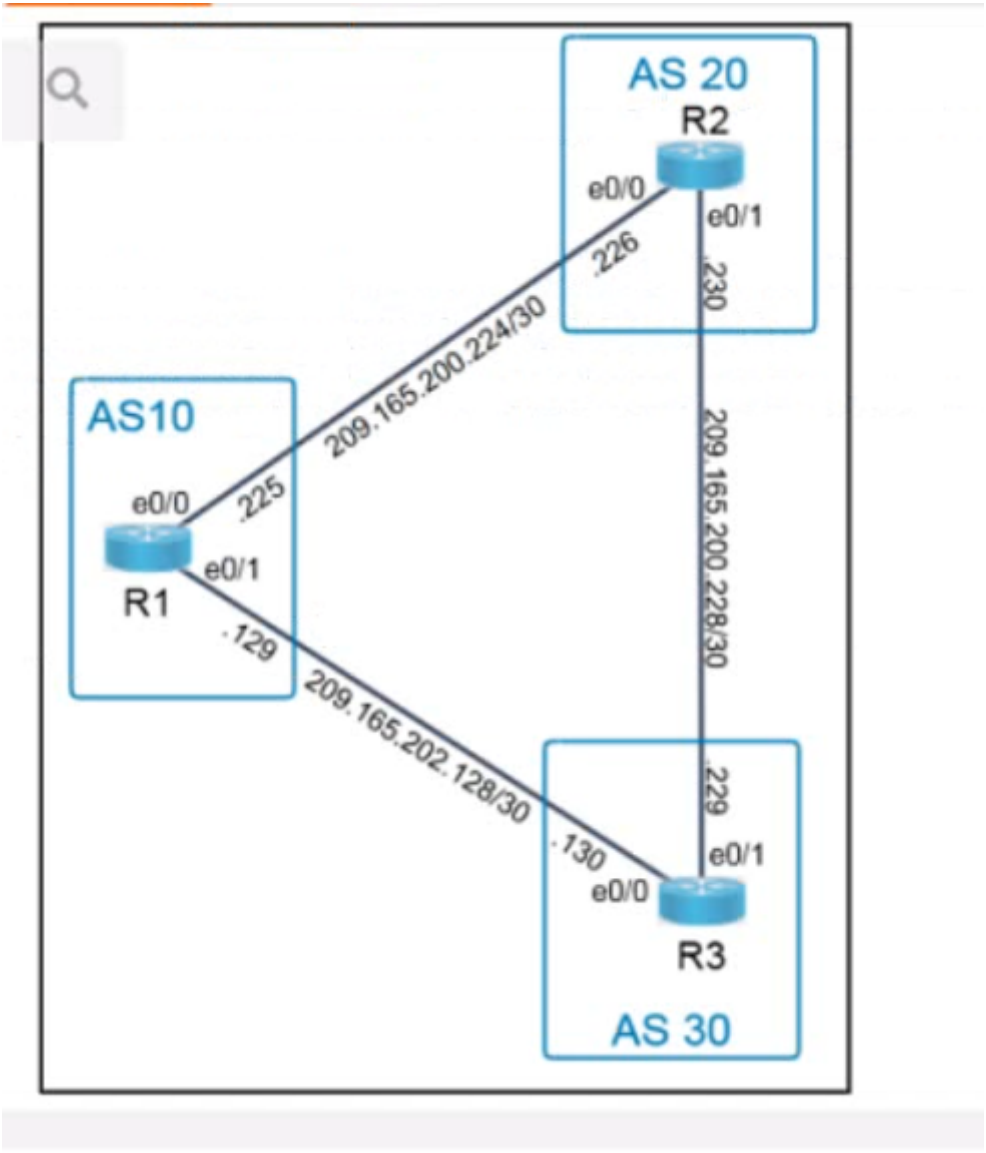


Question 5

Question Type: MultipleChoice

SIMULATION

29:-


AS 20
R2
e0/0
e0/1
.226
.230
209.165.200.224/30
AS10
e0/0
.225
e0/1
R1
.129
209.165.202.128/30
209.165.200.228/30
.229
e0/1
.130
e0/0
R3
AS 30

eBGP is configured on R2 and R3. Configure R1 to complete these tasks.

1. Using the ***address-family*** command, configure eBGP according to the topology. Use Loopback 0 for the router-id.
2. Advertise R1's Loopback 0, 10, and 20 networks to AS 20 and AS 30.

Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

router bgp 10

bgp router-id 10.1.1.111

no bgp defa ipv4-unicast

nei 209.165.200.226 remote-as 20

nei 209.165.202.130 remote-as 30

address-family ipv4

neigh 209.165.200.226 activate

neigh 209.165.202.130 activate

network 10.1.1.10 mask 255.255.255.255

network 209.165.201.10 mask 255.255.255.255

network 209.165.201.20 mask 255.255.255.255

wr

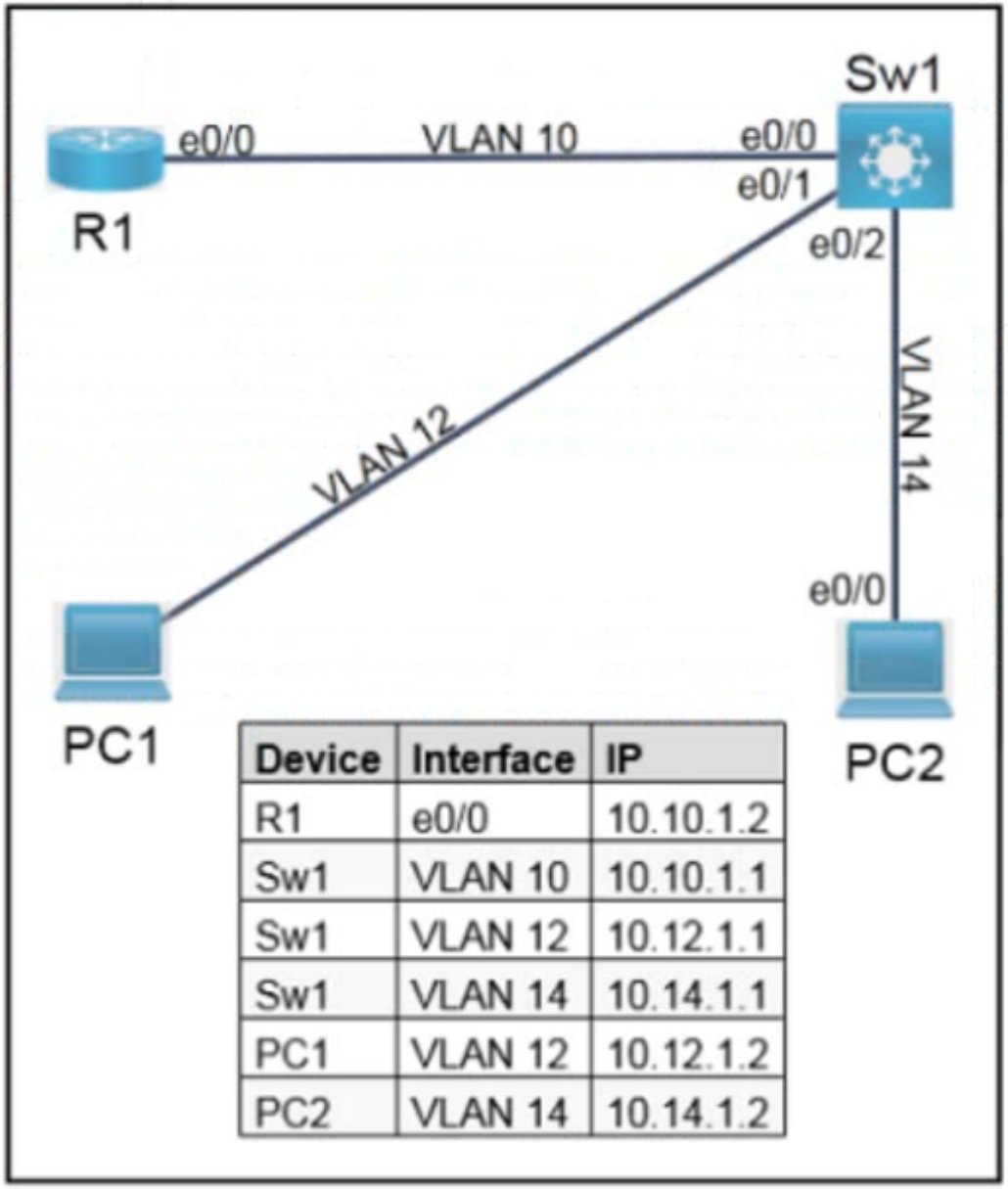
Question 6

Question Type: **MultipleChoice**

SIMULATION

28:-

Guidelines | Topology | Tasks



Device	Interface	IP
R1	e0/0	10.10.1.2
Sw1	VLAN 10	10.10.1.1
Sw1	VLAN 12	10.12.1.1
Sw1	VLAN 14	10.14.1.1
PC1	VLAN 12	10.12.1.2
PC2	VLAN 14	10.14.1.2

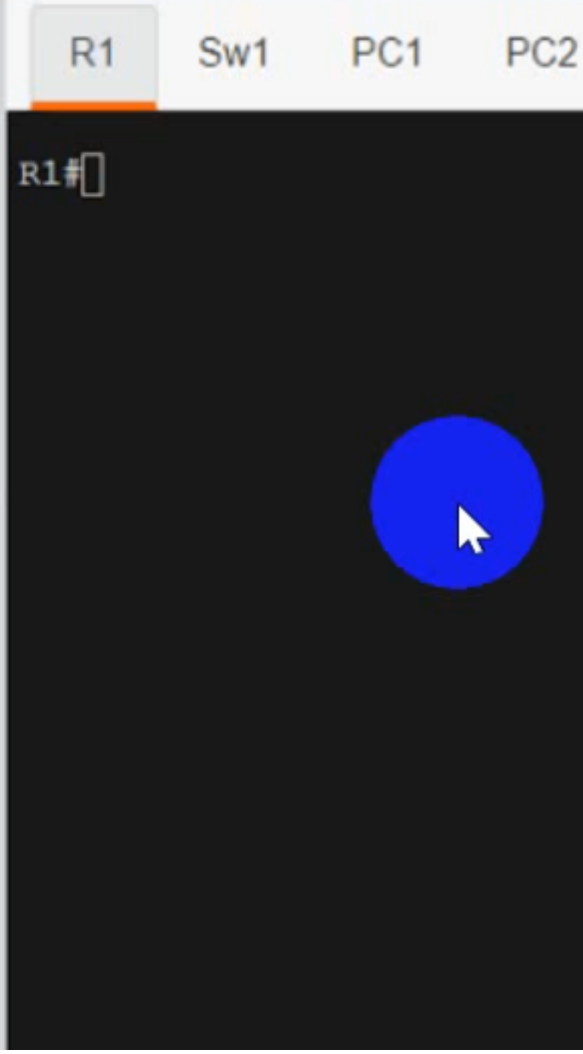
R1 | Sw1 | PC1 | PC2

R1#

Guidelines Topology Tasks

The Operations team started configuring several monitoring activities. Complete the configurations for the tasks below.

1. Complete the Flexible NetFlow Flow Exporter configuration on R1 to send data to the collector using UDP port 2055.
2. Configure the switch port analyzer on Sw1 and mirror all communication to and from PC1 to interface E1/1 using session number 11.
3. Schedule the pre-configured IP SLA operation on R1 to start running immediately and to run indefinitely.



Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

R1

config

flow exporter Export-NetFlowENCOR

transport udp 2055

ip sla schedule 100 life forever start-time now

wr

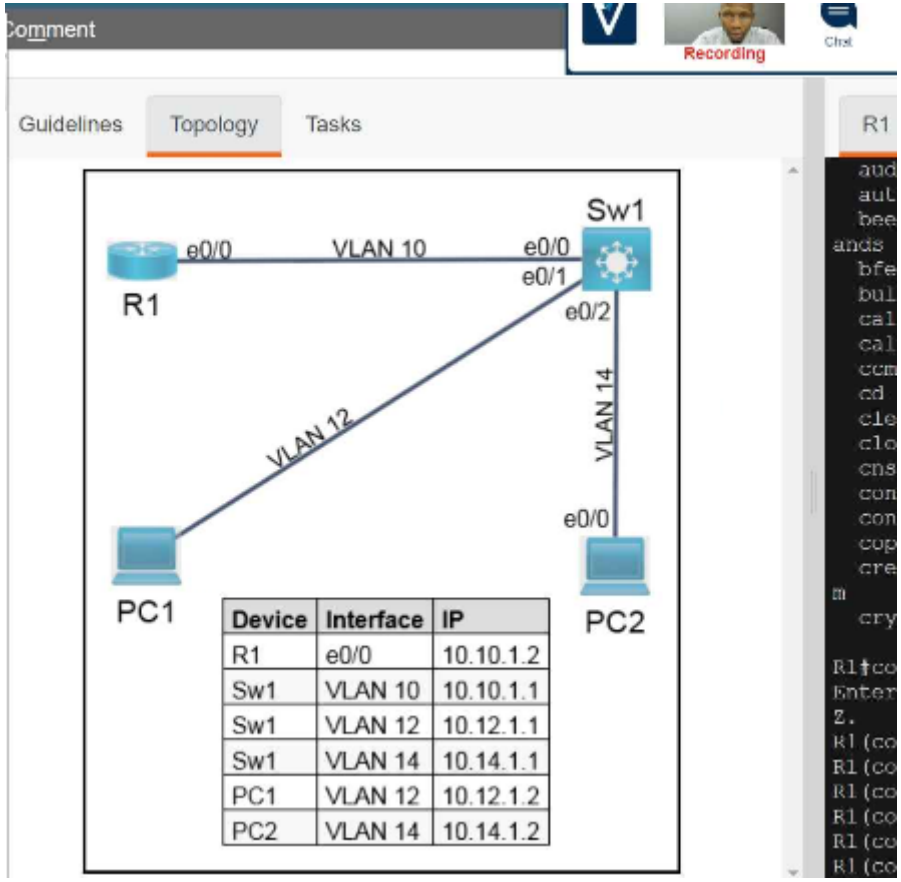
Sw1

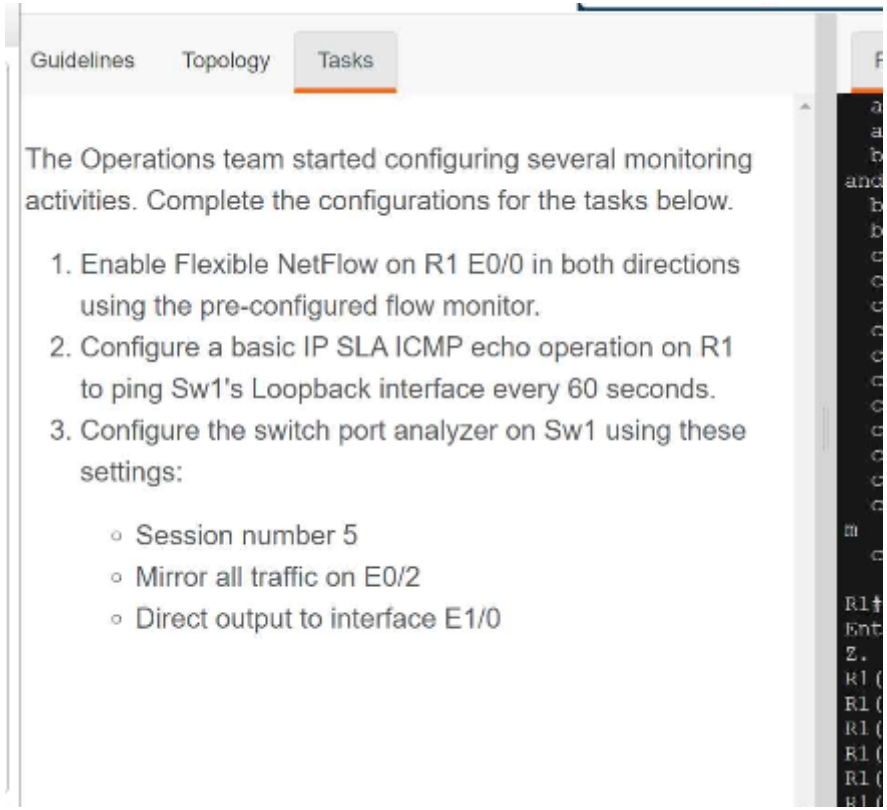
monitor session 11 source interface e0/2

monitor session 11 destination interface et1/1

wr

OR


Comment
Recording
Ctrl
Guidelines
Topology
Tasks
R1
Sw1
e0/0
VLAN 10
e0/0
e0/1
e0/2
VLAN 12
VLAN 14
e0/0
PC1
PC2
Device | Interface | IP
R1 | e0/0 | 10.10.1.2
Sw1 | VLAN 10 | 10.10.1.1
Sw1 | VLAN 12 | 10.12.1.1
Sw1 | VLAN 14 | 10.14.1.1
PC1 | VLAN 12 | 10.12.1.2
PC2 | VLAN 14 | 10.14.1.2


Guidelines
Topology
Tasks
The Operations team started configuring several monitoring activities. Complete the configurations for the tasks below.
1. Enable Flexible NetFlow on R1 E0/0 in both directions using the pre-configured flow monitor.
2. Configure a basic IP SLA ICMP echo operation on R1 to ping Sw1's Loopback interface every 60 seconds.
3. Configure the switch port analyzer on Sw1 using these settings:
Session number 5
Mirror all traffic on E0/2
Direct output to interface E1/0

OR


Guidelines
Topology
Tasks
The Operations team started configuring several monitoring activities. Complete the configurations for the tasks below.
1. Enable Flexible NetFlow on R1 E0/0 in both directions using the pre-configured flow monitor.
2. Configure the switch port analyzer on Sw1 and mirror all VLAN 12 traffic to interface E1/3 using session number 12.
3. Configure a basic IP SLA ICMP echo operation on R1 to ping PC1 every 300 seconds.

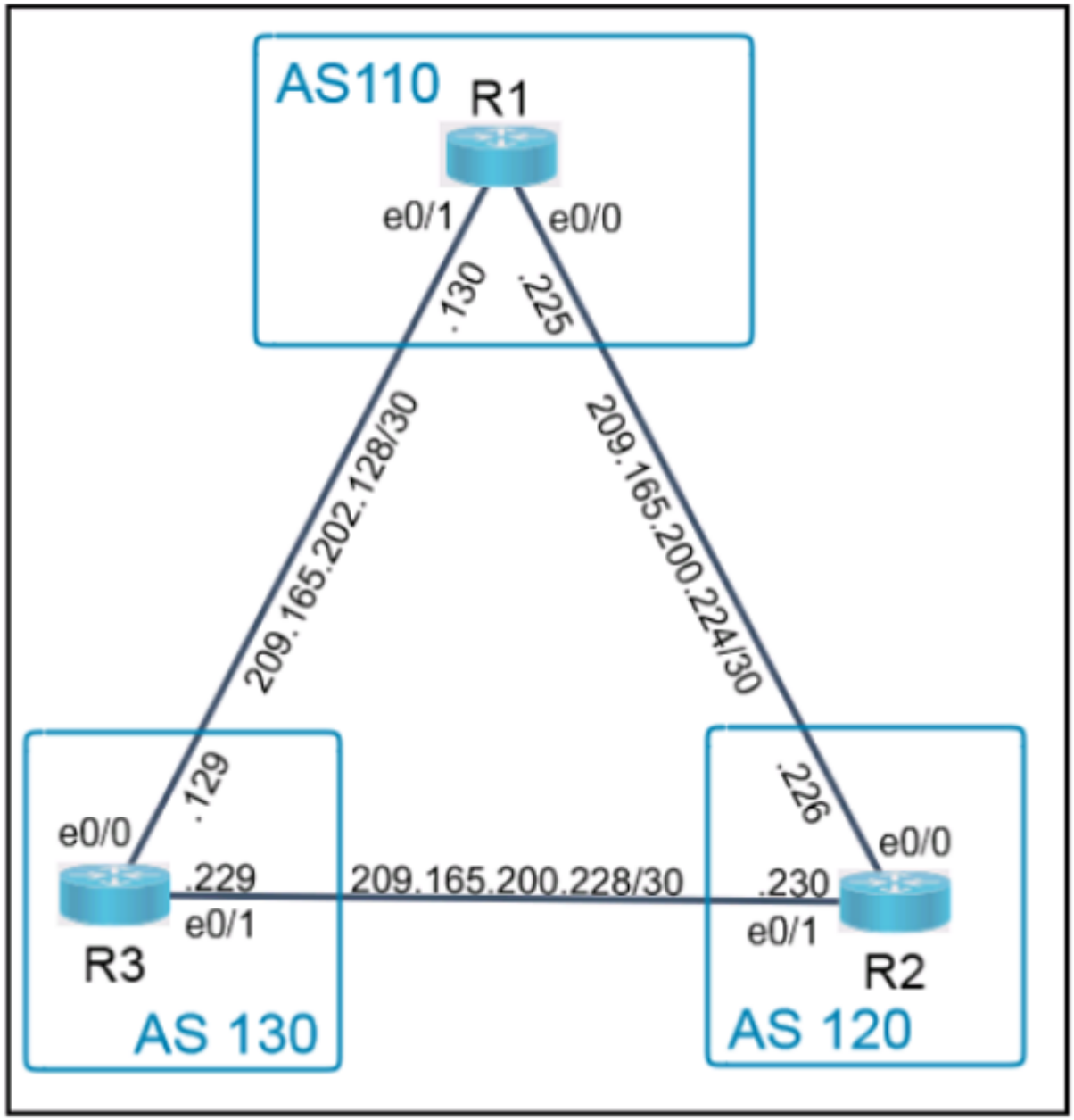
Question 7

Question Type: **MultipleChoice**

SIMULATION

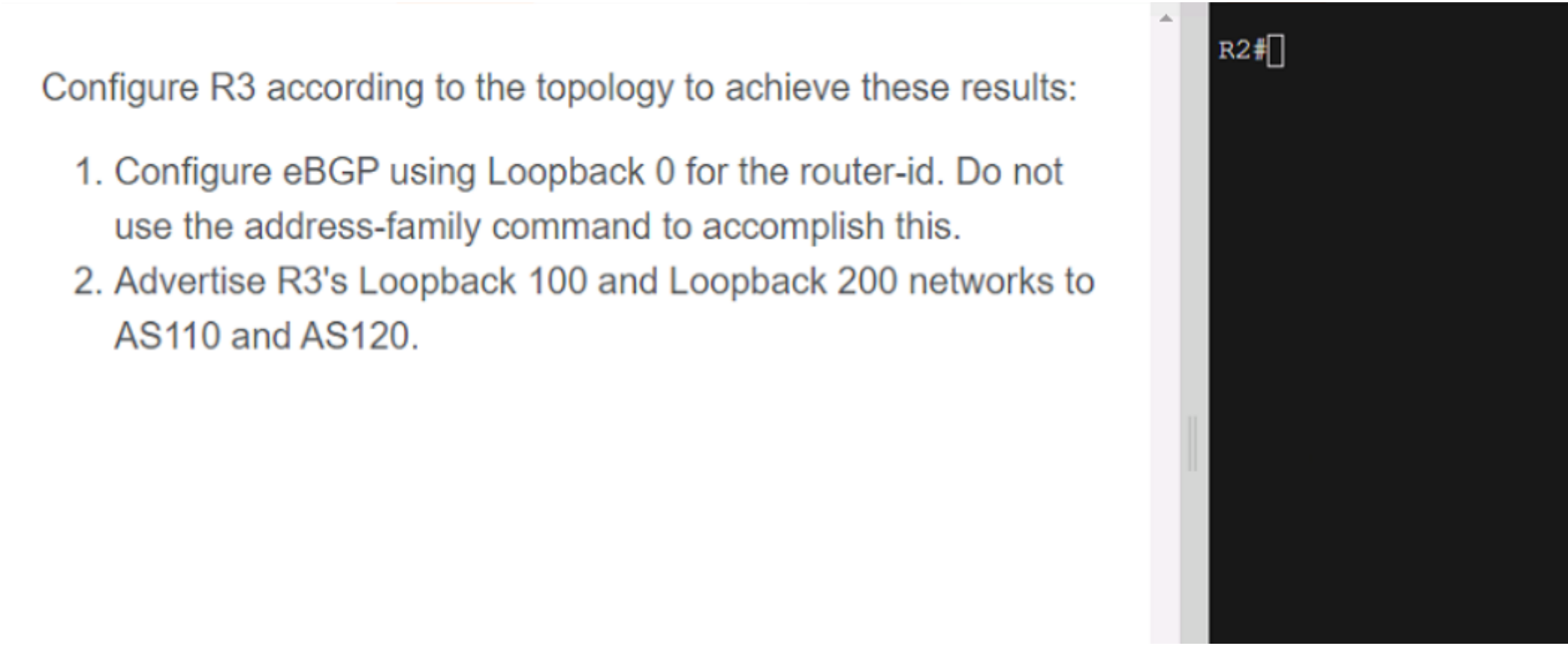
27:-

Guidelines | Topology | Tasks



R2 | R3 | R1

```
R2#
```



Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

Solution: -

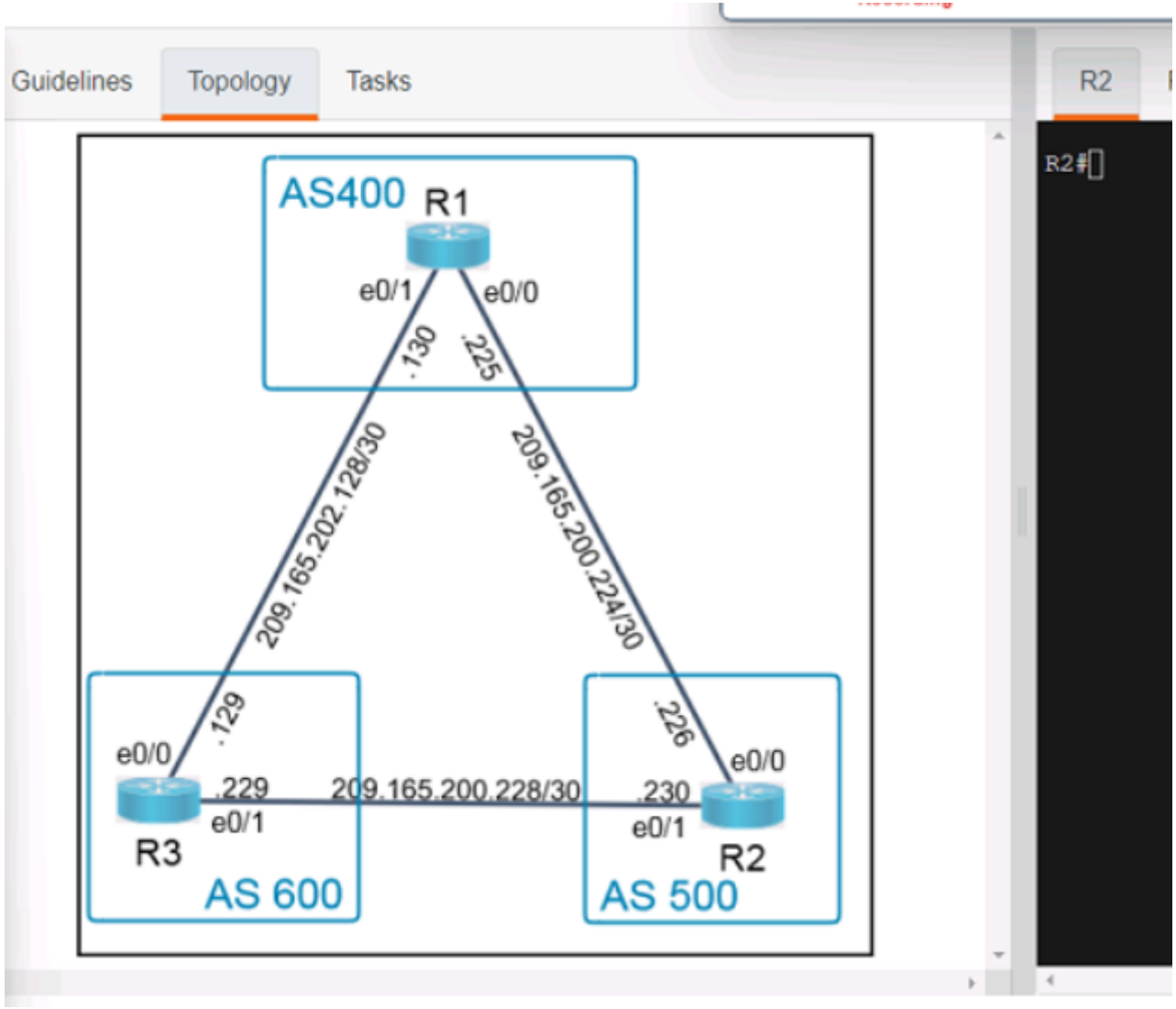
Easy as per above configurations you can get it done anyway they change it.

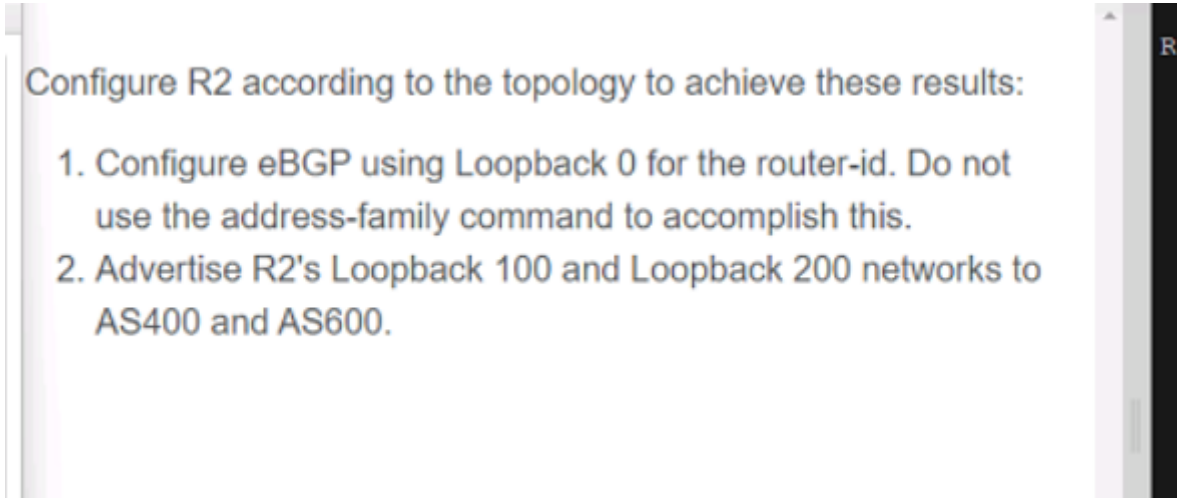
Question 8

Question Type: **MultipleChoice**

SIMULATION

26:-


Guidelines
Topology
Tasks
R2
R2#
AS400
R1
e0/1
e0/0
.130
.225
209.165.202.128/30
209.165.200.224/30
.129
.226
e0/0
e0/0
.229
209.165.200.228/30
.230
e0/1
e0/1
R3
R2
AS 600
AS 500



Options:

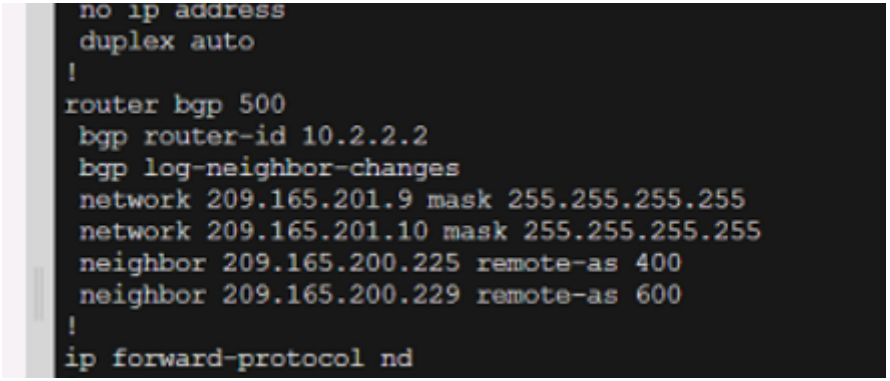
A- See the solution below in Explanation

Answer:

A

Explanation:

Solution:-



Copy run start

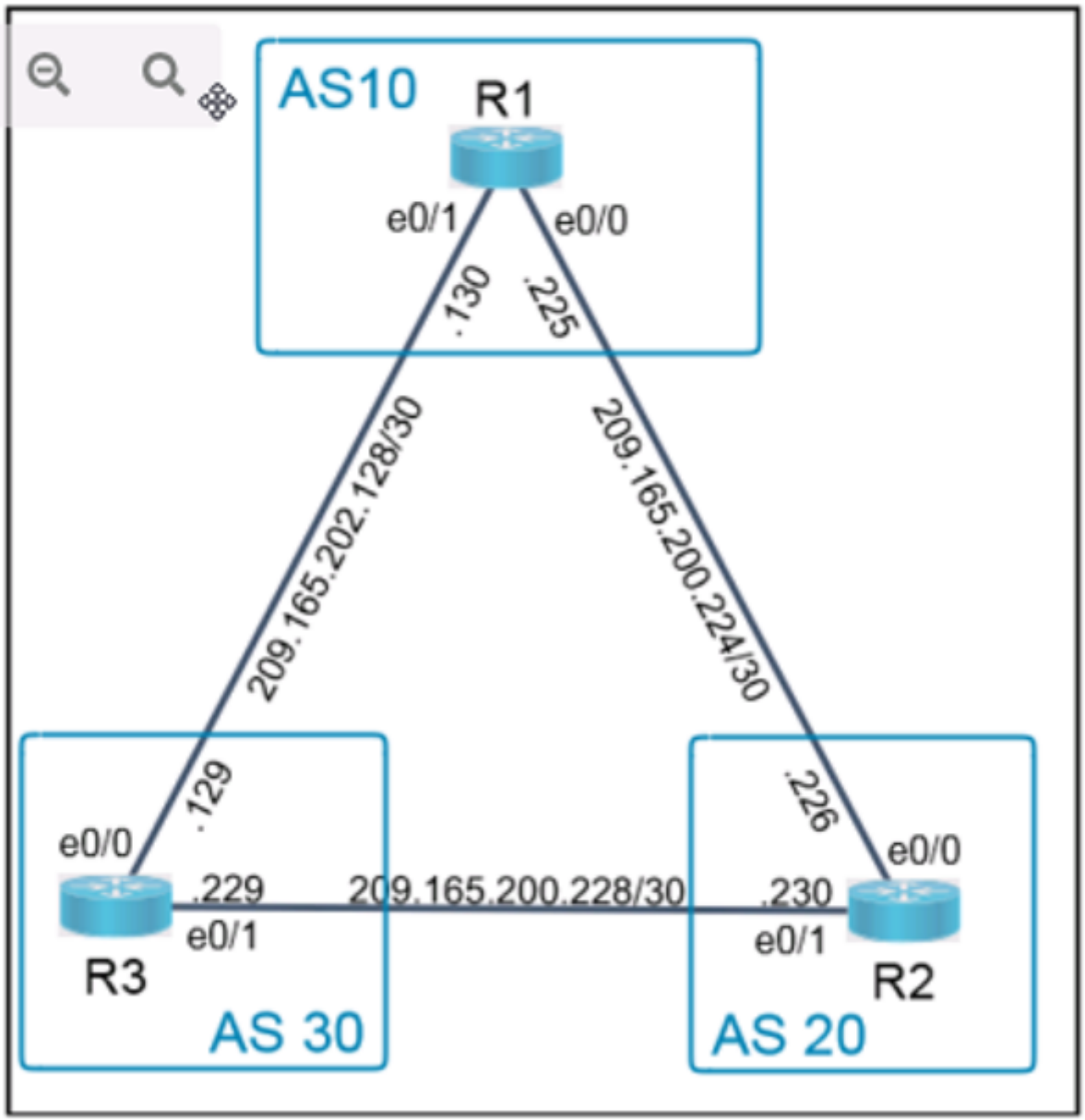
Question 9

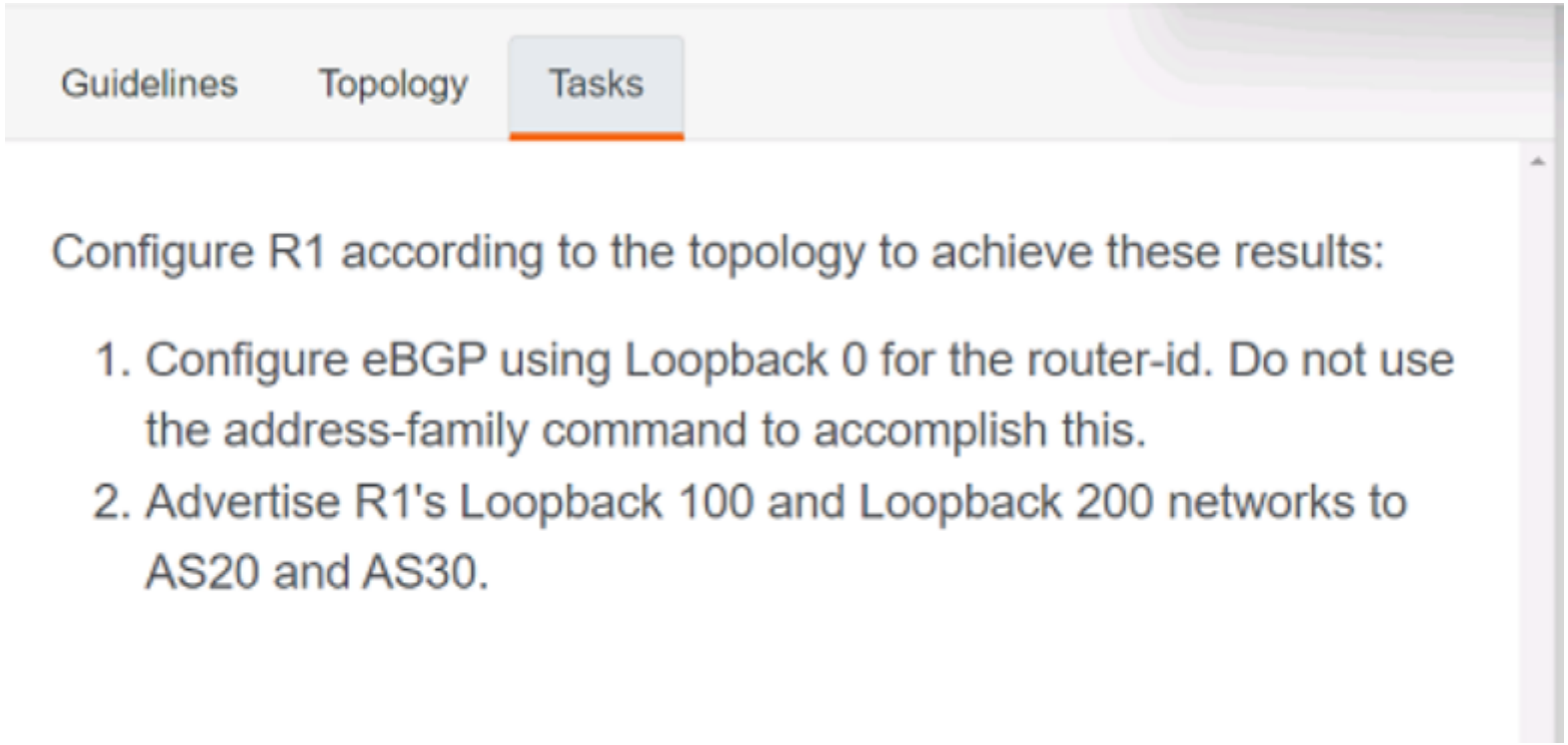
Question Type: **MultipleChoice**

SIMULATION

25:-

Guidelines | Topology | Tasks





Options:

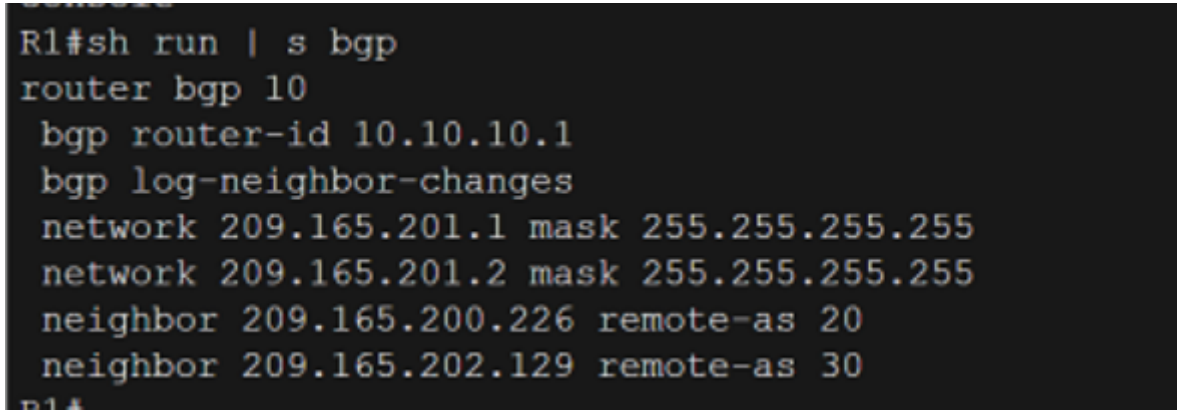
A- See the solution below in Explanation

Answer:

A

Explanation:

Solution:

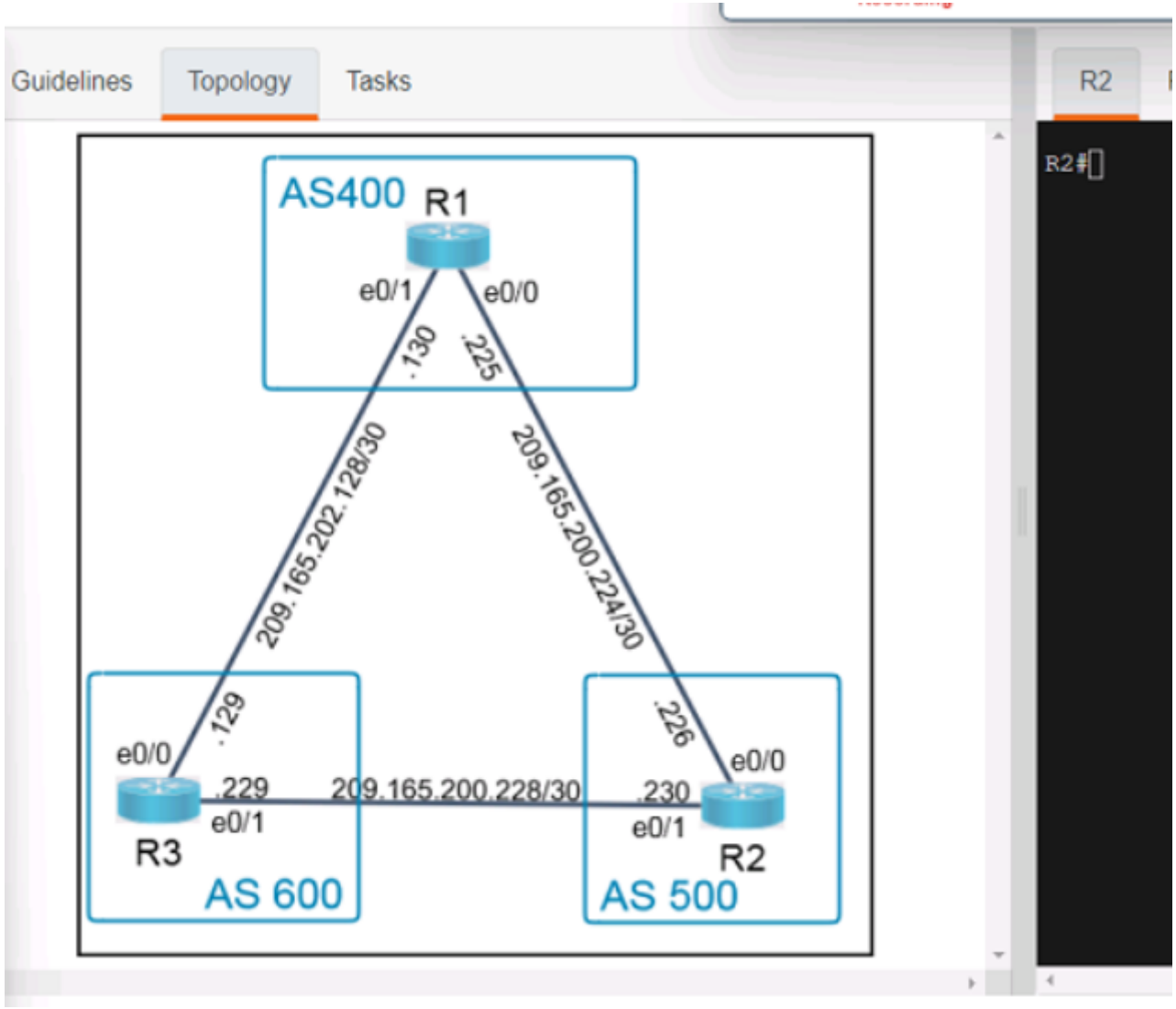


Copy run start

Verification:

```
R1#sh ip bgp su
BGP router identifier 10.10.10.1, local AS number 10
BGP table version is 3, main routing table version 3
2 network entries using 288 bytes of memory
2 path entries using 168 bytes of memory
1/1 BGP path/bestpath attribute entries using 160 bytes of memory
0 BGP route-map cache entries using 0 bytes of memory
0 BGP filter-list cache entries using 0 bytes of memory
BGP using 616 total bytes of memory
BGP activity 2/0 prefixes, 2/0 paths, scan interval 60 secs

Neighbor        V           AS MsgRcvd MsgSent   TblVer  InQ OutQ
Up/Down  State/PfxRcd
209.165.200.226 4           20       9       8        3    0    0
00:01:31        0
209.165.202.129 4           30       6       6        3    0    0
00:01:44        0
```


Guidelines
Topology
Tasks
R2
R2#
AS400
R1
e0/1
e0/0
.130
.225
209.165.202.128/30
209.165.200.224/30
.129
.226
e0/0
e0/0
.229
209.165.200.228/30
.230
e0/1
e0/1
R3
R2
AS 600
AS 500

OR

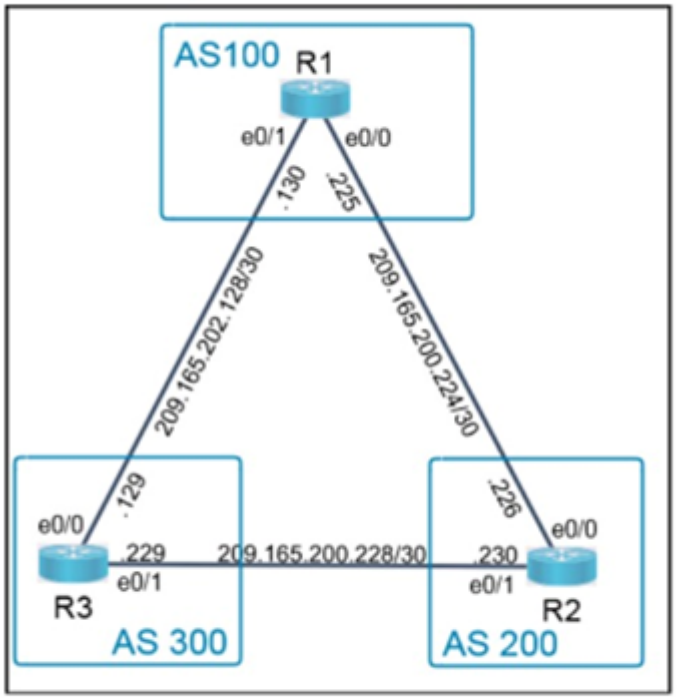
Question 10

Question Type: **MultipleChoice**

SIMULATION

24:-

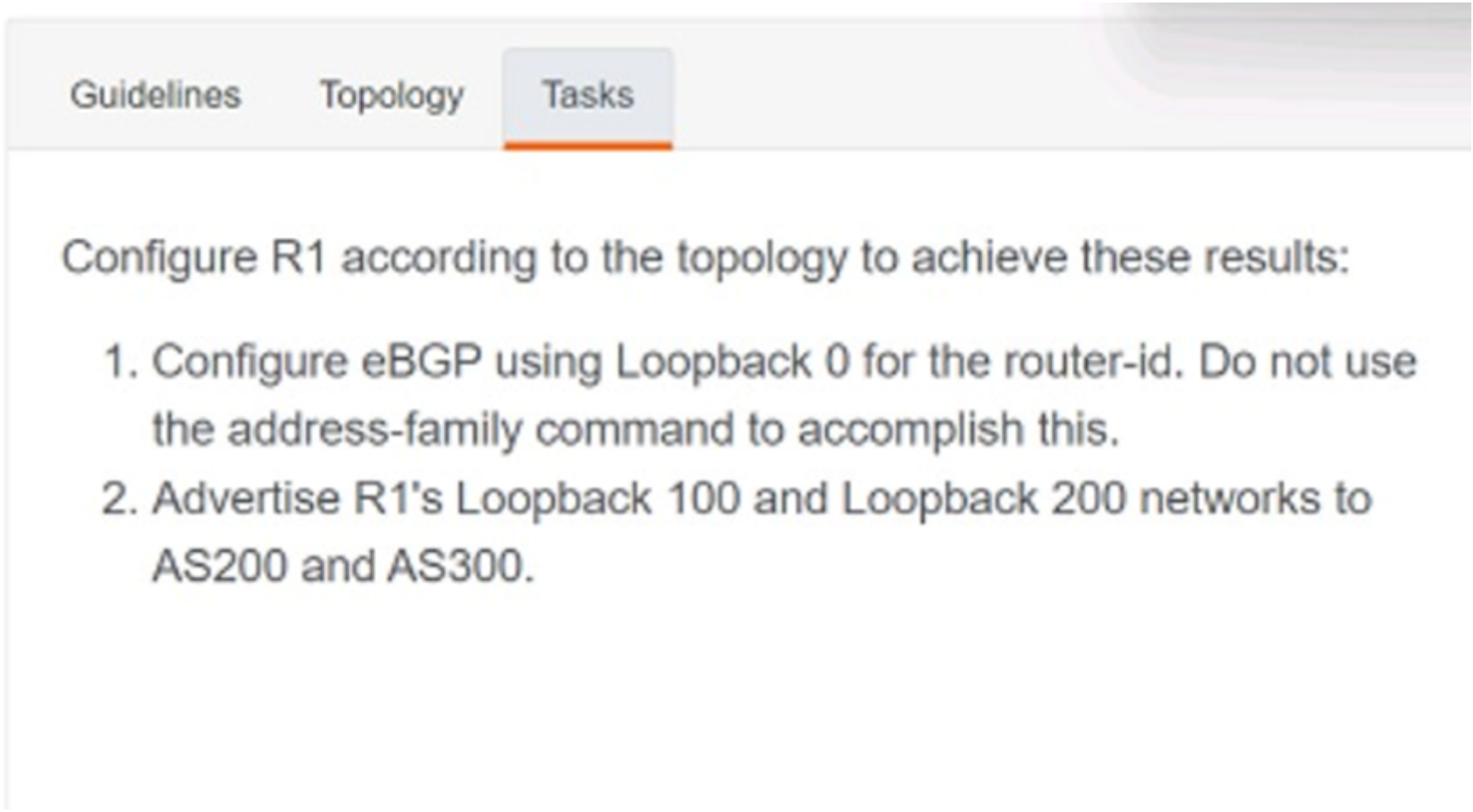
Guidelines | Topology | Tasks



R1 | R2 | R3

```
R1#
```

Next


Guidelines
Topology
Tasks
Configure R1 according to the topology to achieve these results:
1. Configure eBGP using Loopback 0 for the router-id. Do not use the address-family command to accomplish this.
2. Advertise R1's Loopback 100 and Loopback 200 networks to AS200 and AS300.

Options:

A- See the solution below in Explanation

Answer:

A

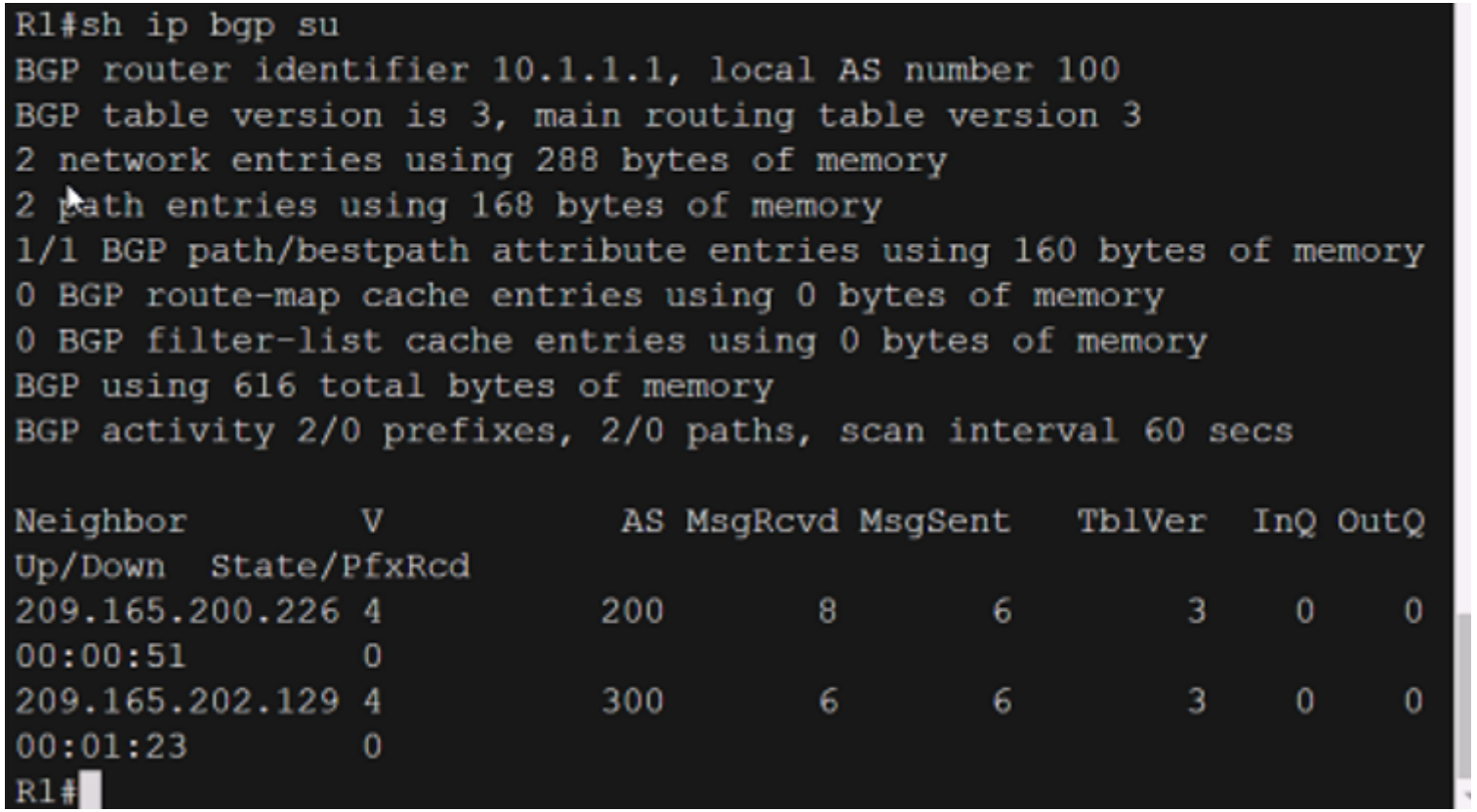
Explanation:

Solution on R1:

```
R1#sh run  | s bgp
router bgp 100
 bgp router-id 10.1.1.1
 bgp log-neighbor-changes
 network 209.165.201.1 mask 255.255.255.255
 network 209.165.201.2 mask 255.255.255.255
 neighbor 209.165.200.226 remote-as 200
 neighbor 209.165.202.129 remote-as 300
```

R1# copy run start

Verification:



```
R1#sh ip bgp su
BGP router identifier 10.1.1.1, local AS number 100
BGP table version is 3, main routing table version 3
2 network entries using 288 bytes of memory
2 path entries using 168 bytes of memory
1/1 BGP path/bestpath attribute entries using 160 bytes of memory
0 BGP route-map cache entries using 0 bytes of memory
0 BGP filter-list cache entries using 0 bytes of memory
BGP using 616 total bytes of memory
BGP activity 2/0 prefixes, 2/0 paths, scan interval 60 secs

Neighbor        V           AS MsgRcvd MsgSent   TblVer  InQ OutQ
Up/Down  State/PfxRcd
209.165.200.226 4          200       8       6        3    0    0
00:00:51        0
209.165.202.129 4          300       6       6        3    0    0
00:01:23        0
R1#
```

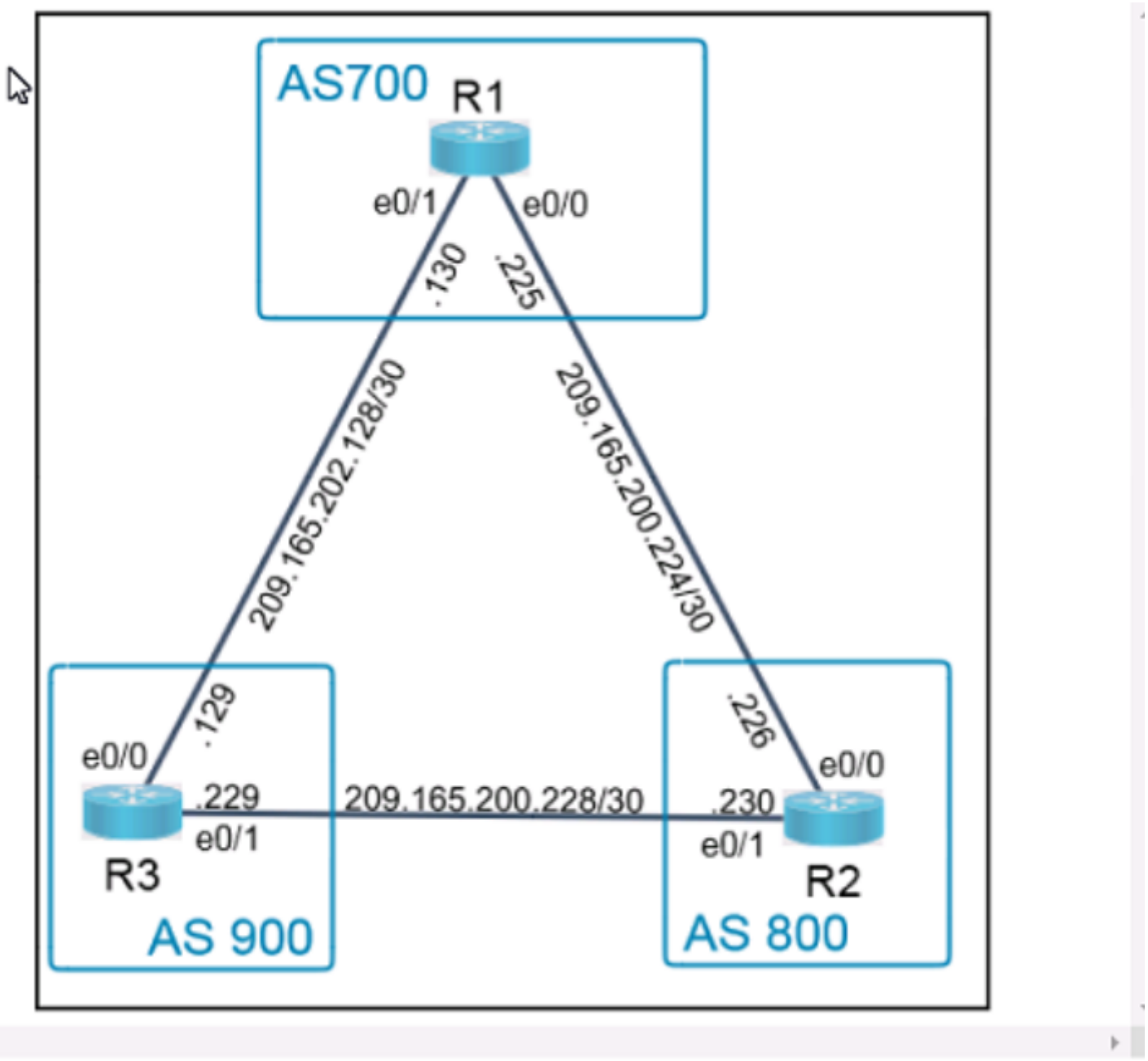
OR

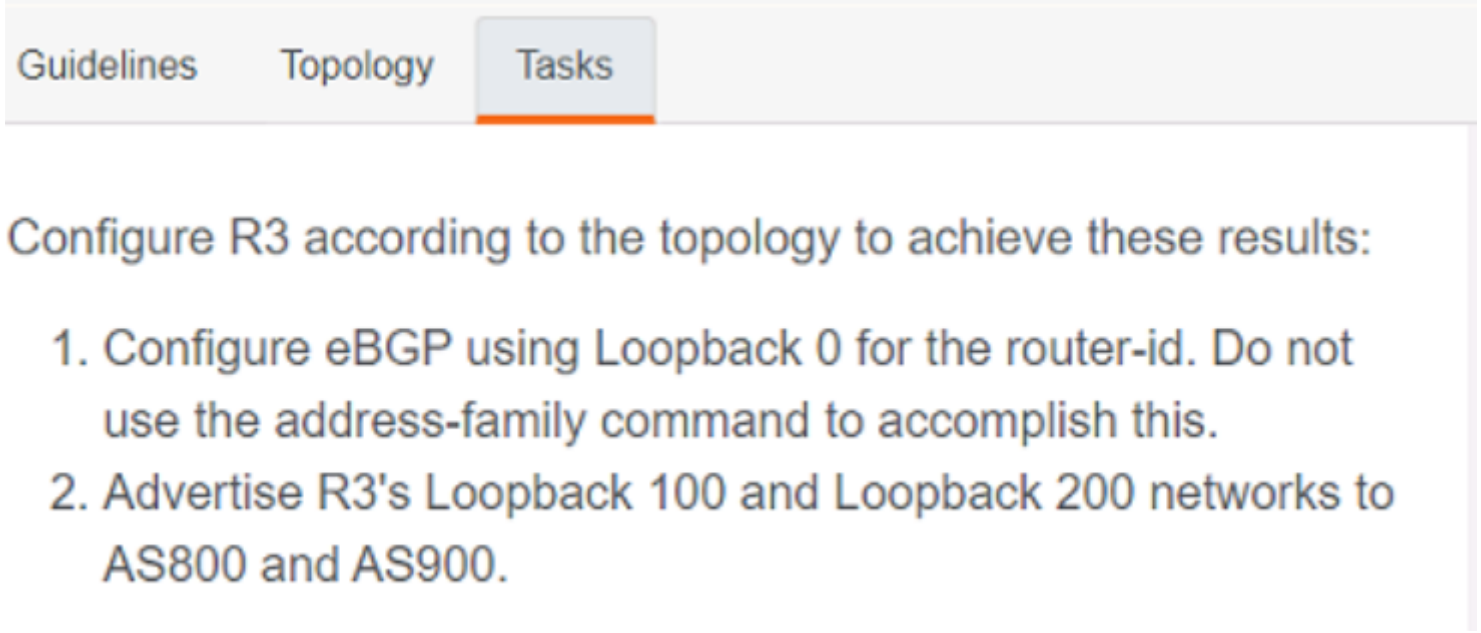
Question 11

Question Type: MultipleChoice

SIMULATION

23:-


AS700
R1
e0/1
e0/0
.130
.225
209.165.202.128/30
209.165.200.224/30
.129
.226
e0/0
e0/0
.229
209.165.200.228/30
.230
e0/1
e0/1
R3
R2
AS 900
AS 800



Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

Solution:

```
R3#sh run | s bgp
router bgp 900
 bgp router-id 10.3.3.3
 bgp log-neighbor-changes
 network 209.165.201.4 mask 255.255.255.255
 network 209.165.201.5 mask 255.255.255.255
 neighbor 209.165.200.230 remote-as 800
 neighbor 209.165.202.130 remote-as 700
R3#
```

Copy run start

Verification:

```
R3#sh ip bgp su
BGP router identifier 10.3.3.3, local AS number 900
BGP table version is 3, main routing table version 3
2 network entries using 288 bytes of memory
2 path entries using 168 bytes of memory
1/1 BGP path/bestpath attribute entries using 160 bytes of memory
0 BGP route-map cache entries using 0 bytes of memory
0 BGP filter-list cache entries using 0 bytes of memory
BGP using 616 total bytes of memory
BGP activity 2/0 prefixes, 2/0 paths, scan interval 60 secs

Neighbor        V           AS MsgRcvd MsgSent   TblVer  InQ OutQ U
p/Down  State/PfxRcd
209.165.200.230 4          800      10      10        3    0    0 0
0:03:00        0
209.165.202.130 4          700       8       8        3    0    0 0
0:03:18        0
R3#
```

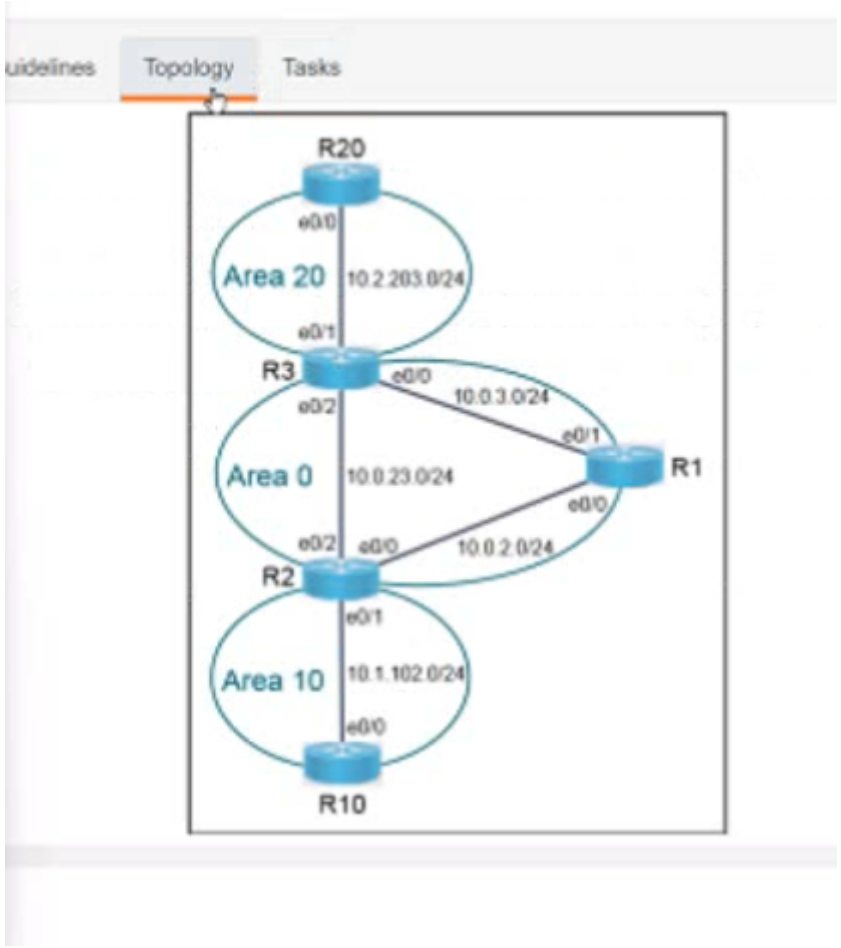
OR

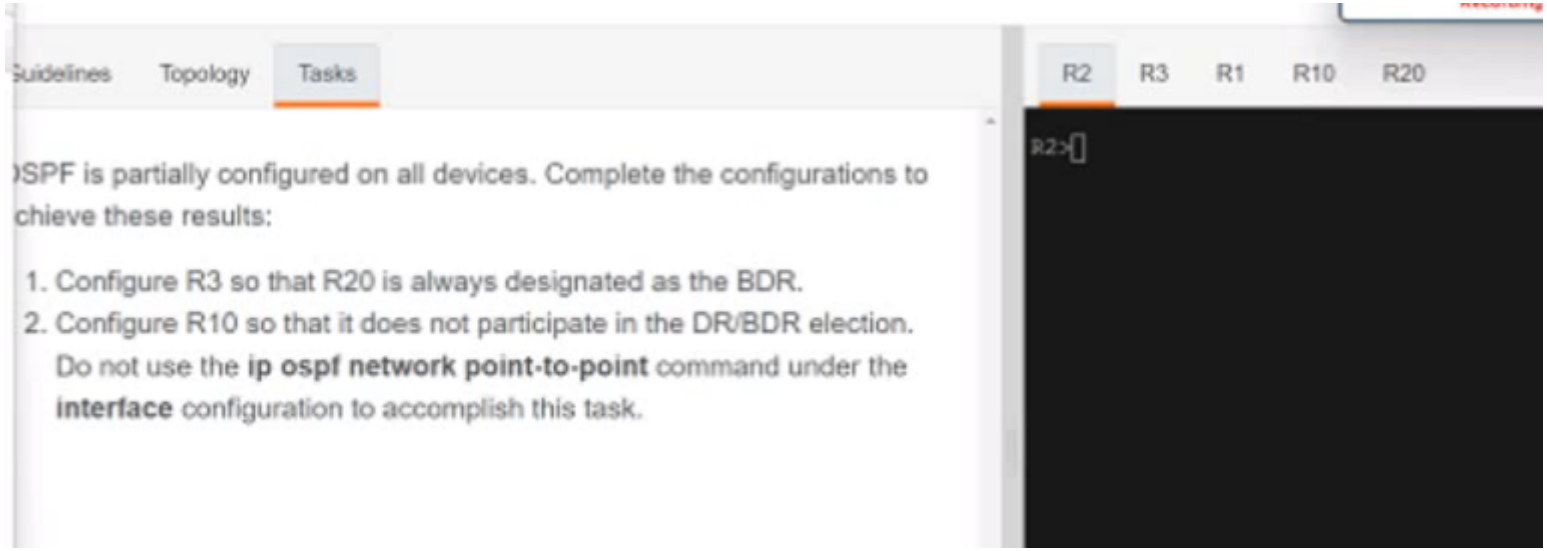
Question 12

Question Type: MultipleChoice

SIMULATION

22:-





Options:

A- See the solution below in Explanation

Answer:

A

Explanation:

R3

Config#int et0/1

config-if#ip ospf priority 255

wr

R20

clear ip ospf process

yes

R10

int et0/0

ip ospf priority 0

wr

R2

clear ip ospf process

yes