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**Vendor:**Juniper

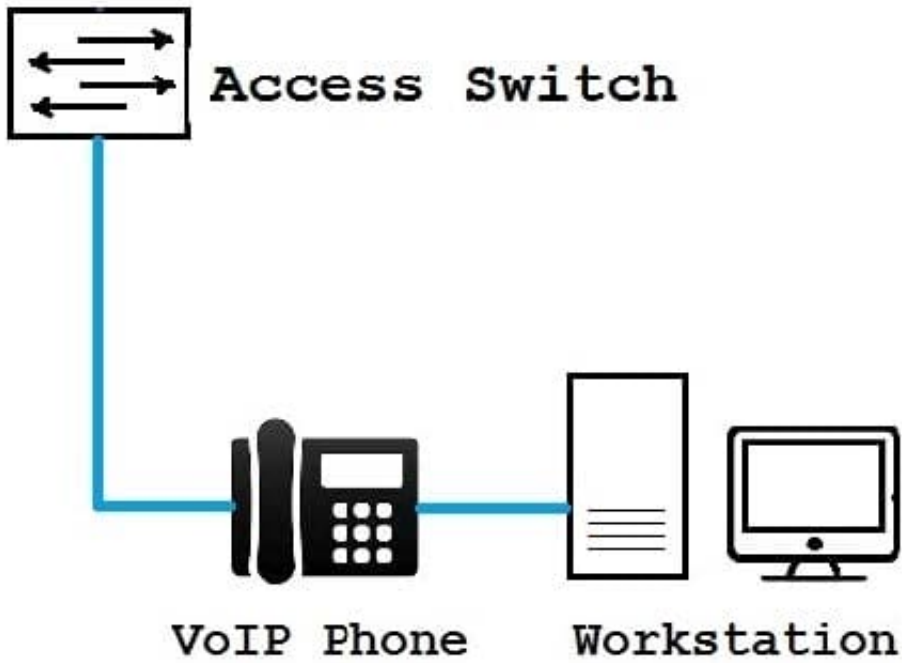
**Exam Code:**JN0-647

**Exam Name:**Enterprise Routing and Switching Exam

**Version:**Demo

### QUESTION 1

Click the Exhibit button.



You have configured 802.1X single supplicant mode on the access switch. The VoIP phone does not support 802.1X authentication.

Referring to the exhibit, which statement is true?

- A. MAC bypass must be configured for the VoIP phone for this solution to work.
- B. Authentication must be changed to multiple supplicant mode for this solution to work.
- C. The VoIP phone will be able to communicate over the network after the workstation authenticates.
- D. The VoIP phone will not be able to communicate over the network.

Correct Answer: C

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### QUESTION 2

You are enabling 802.1X authentication on an EX Series device. You are configuring the switch in the conference room where you will have non-employees with devices that do not support 802.1X authentication connecting to your network.

You must ensure that these users can connect to your network but are restricted to Internet access only.

What should you do to accomplish this task?

- A. You must add a RADIUS account for each user and assign them to the appropriate VLAN.
- B. You should ensure that the server-fail failback feature is enabled and users are assigned to the appropriate VLAN.
- C. You should assign a guest VLAN to the interfaces and isolate that VLAN to Internet access only.
- D. You should configure a server-reject VLAN to the interfaces and isolate that VLAN to Internet access only.

Correct Answer: C

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### QUESTION 3

Which two statements is true regarding the next hop attribute? (Choose two.)

- A. it is not changed when sent across EGBP sessions
- B. it is changed to self for IBGP routes learned from EGBP
- C. it is not changed for IGBP routes learned from EGBP
- D. it is Changed by default when sent across EGBP sessions

Correct Answer: CD

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### QUESTION 4

Click the Exhibit.

```
user@switch> show chassis satellite neighbor
Interface      State      Port Info  System Name  Model      SW Version
xe-8/2/1       Two-Way    xe-0/2/1    sd110        EX4300-48T  3.0R1
xe-8/2/0       Two-Way    xe-0/2/0    sd110        EX4300-48T  3.0R1

user@switch> show chassis satellite
Alias          Slot      Device      Cascase      Port          Extended Ports
Alias          Slot      State      Ports        State         Total/Up
RLC110        110      Online     xe-8/2/0     online        16/14
               xe-8/2/1  online
```

Referring to the exhibit, which two statements are correct? (Choose two.)

- A. The satellite device has two ports that are not online.
- B. The satellite device has 14 network-facing ports available.

- C. The satellite device is in a state of transition.
- D. The satellite device can support up to 48 total ports.

Correct Answer: AD

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#### **QUESTION 5**

You are configuring a scheduler map on an EX9200 Series device. You want to ensure that traffic is dropped in a policing action once traffic exceeds the configured transmit rate.

Which configuration parameter will meet this requirement?

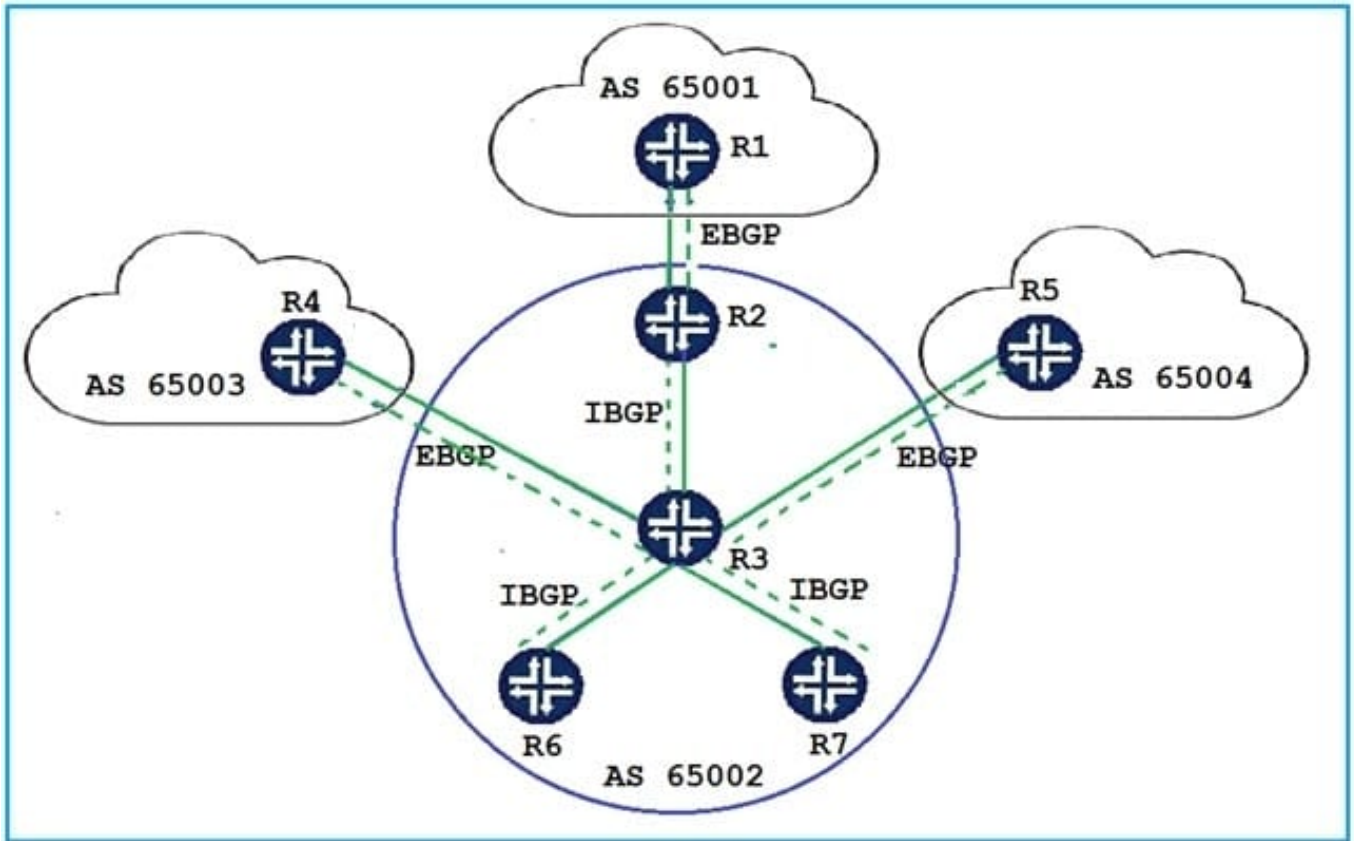
- A. exact
- B. rate-limit
- C. remainder
- D. percent

Correct Answer: B

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#### **QUESTION 6**

Click the Exhibit button.



Router1, in peer AS 65001, advertises routes to R2 using EBGP. R2 advertises the routes learned from R1 to R3 using IBGP. R3 is configured as a route reflector with routers R6 and R7 as clients.

Referring to the exhibit, to which routers will R3 advertise the BGP routes received from R2?

- A. R6, R7
- B. R4, R5
- C. R2, R4, R5, R6, R7
- D. R4, R5, R6, R7

Correct Answer: D

### QUESTION 7

Click the Exhibit button.

```

user@R1> show ospf database extensive
OSPF link state database, area 0.0.0.100
Type      ID                Adv Rtr          Seq             Age      Opt    Cksum          Len
Router   10.100.1.1        10.100.1.1      0x8000531      166     0x22   0xfc35         36
Bits 0x2, link count 1
Id 10.100.0.2, data 10.100.0.1, Type Transit (2)
TOS count 0, TOS 0 metric 10
Aging timer 00:57:13
Installed 00:02:42 ago, expires in 00:57:14, sent 00:02:40 ago
Router 192.168.129.200 192.168.129.200 0x8000015a     548     0x2    0x517e         84
Bits 0x2, link count 5
Id 192.168.128.0, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 1
Id 10.100.0.2, data 10.100.0.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.2.1, data 10.100.2.1, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.3.1, data 10.100.3.1, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 192.168.129.0, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 1
Aging timer 00:50:51
Installed 00:09:05 ago, expires in 00:50:52, sent 00:09:03 ago
Router *192.168.135.138 192.168.135.138 0x800001c3     2687    0x2    0x2b08         60
Bits 0x0, link count 3
Id 10.100.3.1, data 10.100.3.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.2.1, data 10.100.2.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 192.168.135.138, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 0
Gen timer 00:05:12
Aging timer 00:15:12
Installed 00:44:47 ago, expires in 00:15:13, sent 00:44:45 ago
Ours

```

Referring to the exhibit, which statement is true?

- A. R1 is an ASBR.
- B. R1 has the B bit set.
- C. R1 is a backbone router.
- D. R1 is an ABR.

Correct Answer: A

## QUESTION 8

You want to deploy MSTP with multiple regions. Each region should have a unique root bridge to accommodate a set of VLANs. Which three configuration elements must watch on switches participating in this deployment scenario? (Choose three.)

- A. MSTI toVLAN mapping
- B. revision level
- C. CST BPDU parameters
- D. configuration name
- E. bridge priority

Correct Answer: ABD

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#### **QUESTION 9**

You created a firewall rule to protect the Routing Engine. After applying the rule, your OSPF adjacencies dropped.

How would you solve this problem?

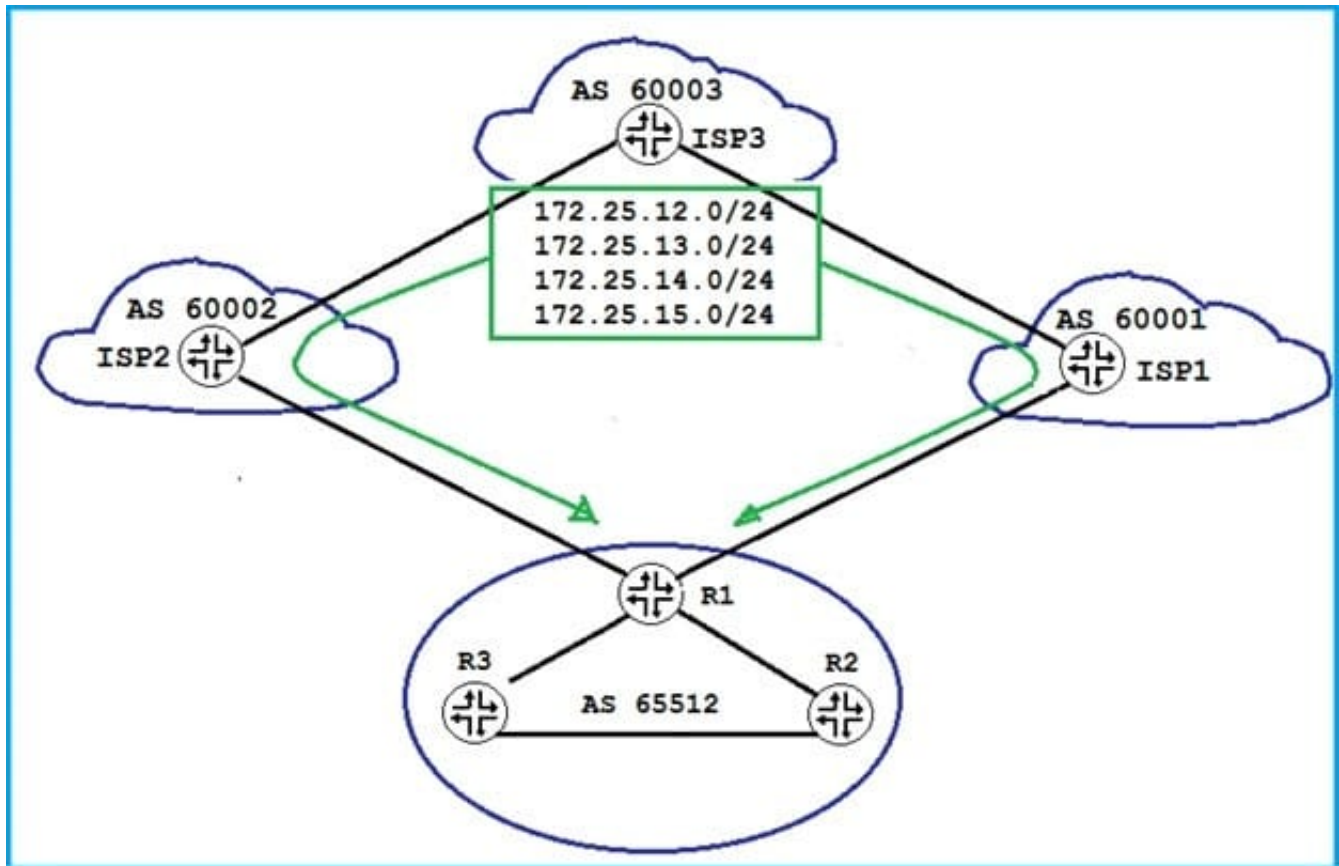
- A. Create a firewall term that allows IP protocol 89.
- B. Define a router ID under the [edit routing-options] hierarchy.
- C. Configure the loopback interface under the [edit protocols ospf] hierarchy.
- D. Apply the firewall filter to the physical ports.

Correct Answer: A

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#### **QUESTION 10**

Click the Exhibit button.



Referring to the exhibit, you have EBGP peerings with both ISP1 and ISP2. You are receiving the 172.25.12.0/24, 172.25.13.0/24, 172.25.14.0/24, and 172.25.15.0/24 routes through both neighbors. You must ensure that traffic to these prefixes are load balanced through both service providers. You have configured a load-balancing policy and have applied it to the forwarding table, but the prefixes are not being load balanced.

What is required to accomplish this task?

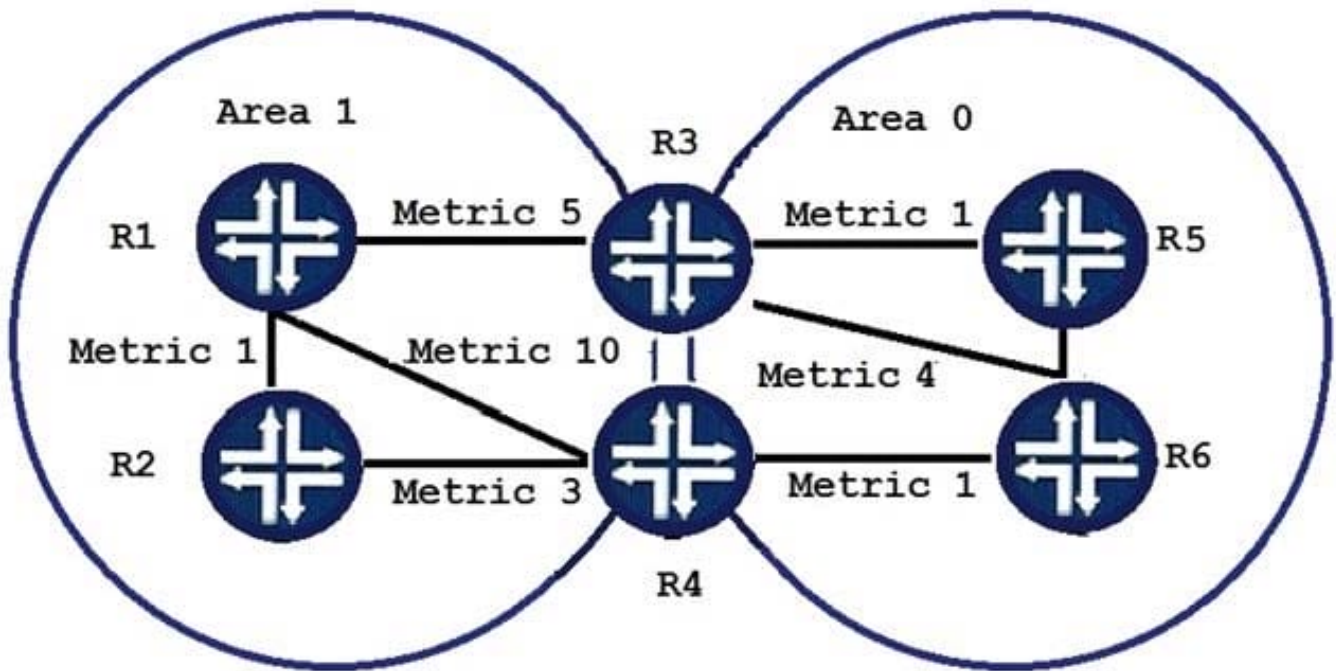
- A. The multihop feature should be enabled between both neighbors.
- B. The multipath multiple-as feature should be used between both neighbors.
- C. The as-override feature should be used between both neighbors.
- D. The include-mp-next-hop feature should be used between both neighbors.

Correct Answer: B

#### QUESTION 11

Click the Exhibit button.





```
[edit protocols ospf]
user@R3# show area 1
stub default-metric 11 no-summaries;
interface ge-0/0/3.0;
```

```
[edit protocols ospf]
user@R4# show area 1
stub default-metric 12 no-summaries;
interface ge-0/0/2.0;
interface ge-0/0/3.0;
```

Referring to the exhibit, Area 1 is a stub area.

Which two statements are correct in this scenario? (Choose two.)

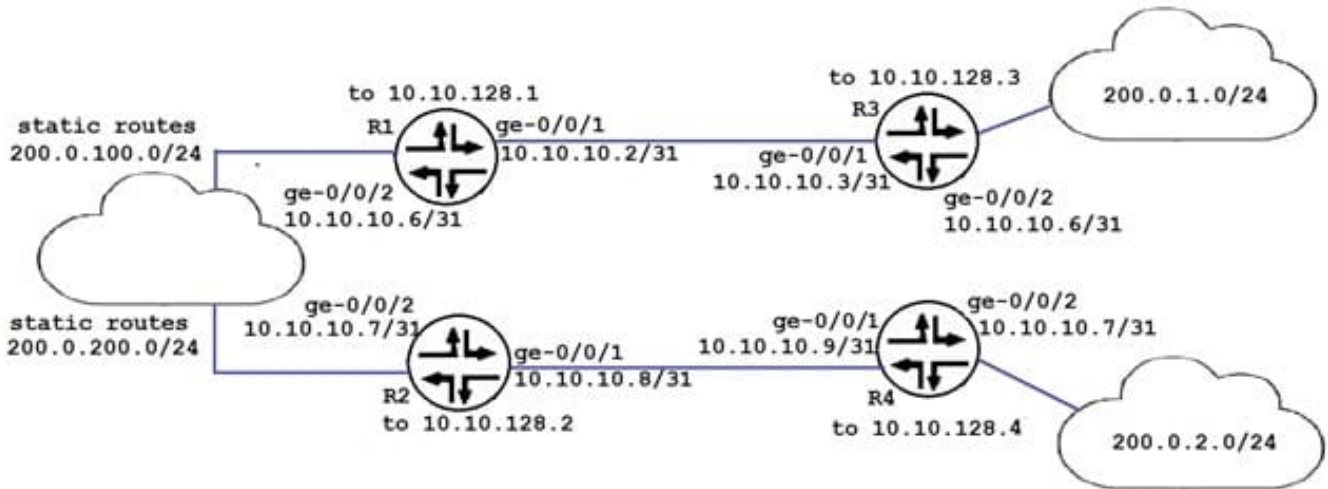
- A. R2 will send traffic to unknown destinations using R1 or R4.
- B. R1 will send traffic to unknown destinations using R3 or R4.
- C. R1 will send traffic to unknown destinations using only R3.
- D. R2 will send traffic to unknown destinations using only R4.

Correct Answer: CD

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**QUESTION 12**

Click the Exhibit button.



```

user@R3# show policy-options policy-statement rip-exp
term 1 {
    from protocol direct
    then accept;
}
term 2 {
    from {
        protocol static;
    }
    then {
        metric 3;
        accept;
    }
}

user@R3 show protocols rip
send multicast
receive version-2;
group rip {
    export rip-exp;
    neighbor ge-0/0/1;
    neighbor ge-0/0/2;
}

user@R3 show route protocol rip
inet.0: 10 destinations, 10 routes (10 active, 0 holddown, 0 hidden) + =
Active Route, - = Last Active, * = Both
10.10.128.2/32 192.168.2.0/30 200.0.2.0/24 224.0.0.9/32
*[RIP/100] 00:09:54, metric 2, tag 0 > to 10.10.129.2 via ge-0/0/0.1121
*[RIP/100] 00:09:54, metric 2, tag 0 > to 10.10.129.2 via ge-0/0/0.1121
*[RIP/100] 00:09:54, metric 4, tag 0 > to 10.10.129.2 via ge-0/0/0.1121
*[RIP/100] 00:10:57, metric 1 MultiRecv

```

The ping command shows that connectivity of the 200.0.1/24 network to the 200.0.200.0/24 network exists. You notice that all the ping test results from various devices on 200.0.1.0/24 follow the same path even though equal cost paths exist to the 200.0.200.0/24 network.

Referring to the exhibit, what is happening?

- A. Load balancing needs to be enabled for equal cost pathing to work.
- B. The rip-exp policy needs to be modified to advertise RIP routes
- C. The RIP group must include the preference statement.
- D. RIPv2 does not support load balancing static routes.

Correct Answer: A