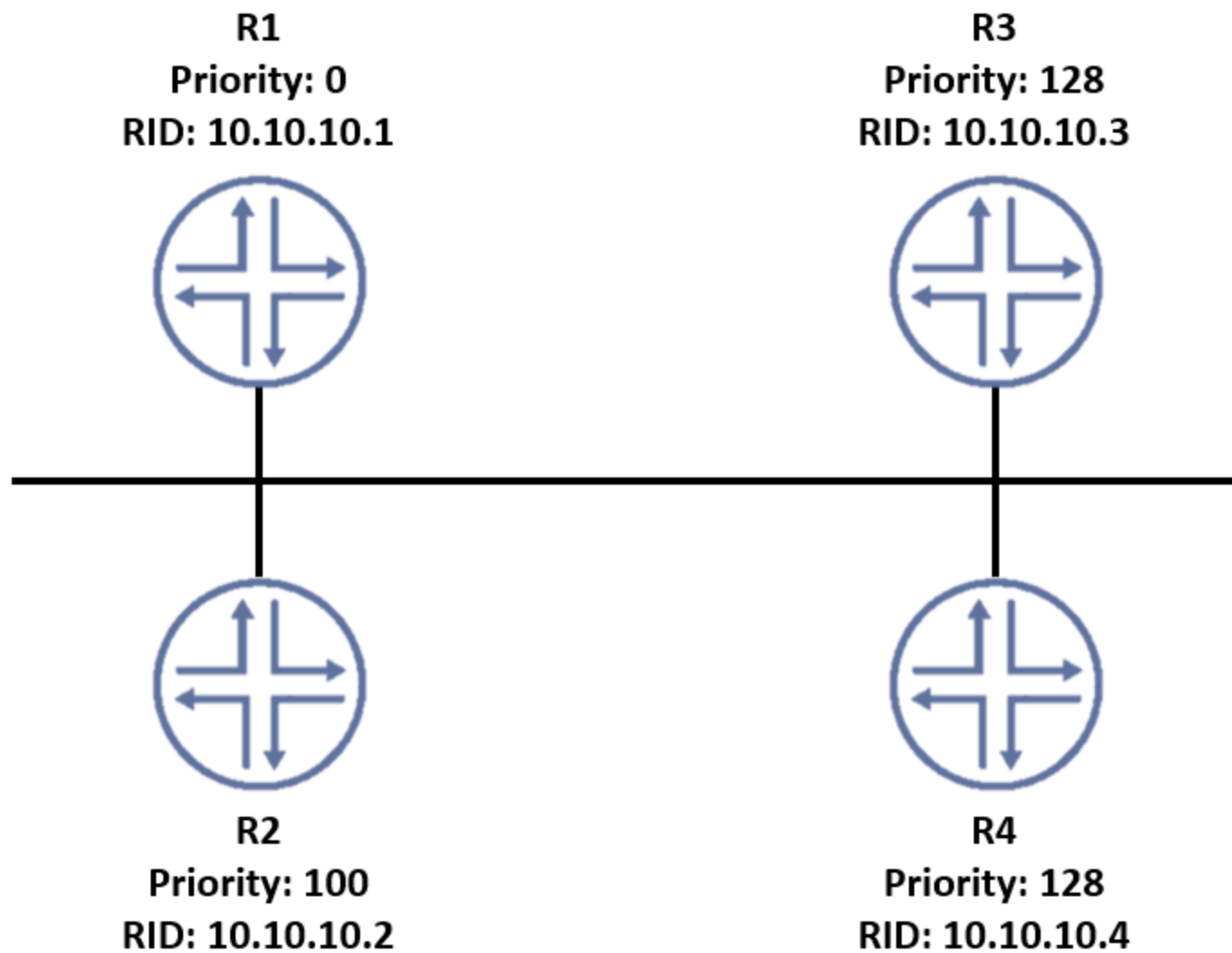


Actual exam question from Juniper's JN0-351

Question #: 1

Topic #: 1

[\[All JN0-351 Questions\]](#)



Referring to the exhibit, which router will become the OSPF BDR if all routers are powered on at the same time?

- A. R4
- B. R1
- C. R3
- D. R2

Show Suggested Answer

Actual exam question from Juniper's JN0-351

Question #: 2

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
{master:0} [edit]
user@switch# run show interfaces: terse

Interface                Admin    Link    Proto    Local    Remote
-----
ge-0/0/0                  up      up
gr-0/0/0                  up      up
pfe-0/0/0                 up      up
ge-0/0/1                  up      up      up
ge-0/0/1.0                up      up      inet     172.23.11.10/24
                                   172.23.12.10/24
ge-0/0/2                  up      up      up
ge-0/0/2.0                up      up      inet     172.23.11.100/24
ge-0/0/3                  up      up      up
ge-0/0/3.0                up      up      inet     172.23.12.100/24
...
bme0                      up      up
bmed0.0                   up      up      inet     128.0.0.1/2
                                   128.0.0.4/2
                                   128.0.0.16/2
                                   128.0.0.63/2
...
jsrv.1                    up      up      inet     128.0.0.127/2
lo0                       up      up
lo0.16385                 up      up      inet
lsi                       up      up
me0                       up      up      inet     10.210.20.233/29
me0.0                     up      up
mtun                      up      up
pimd                      up      up
pime                      up      up
tap                       up      up
vme                       up      down
```

What is the management IP address of the device shown in the exhibit?

- A. 10.210.20.233
- B. 172.23.12.100
- C. 128.0.0.1
- D. 172.23.11.10

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 3

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which three protocols support BFD? (Choose three.)

- A. RSTP
- B. BGP
- C. OSPF
- D. LACP
- E. FTP

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 4

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which statement is correct about graceful Routing Engine switchover (GRES)?

- A. The PFE restarts and the kernel and interface information is lost.
- B. GRES has a helper mode and are starting mode.
- C. When combined with NSR, routing is preserved and the new master RE does not restart rpd.
- D. With no other high availability features enabled, routing is preserved and the new master RE does not restart rpd.

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 5

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which statement is correct about controlling the routes installed by a RIB group?

- A. An import policy is applied to the RIB group.
- B. Only routes in the last table are installed
- C. A firewall filter must be configured to install routes in the RIB groups.
- D. An export policy is applied to the RIB group.

Show Suggested Answer

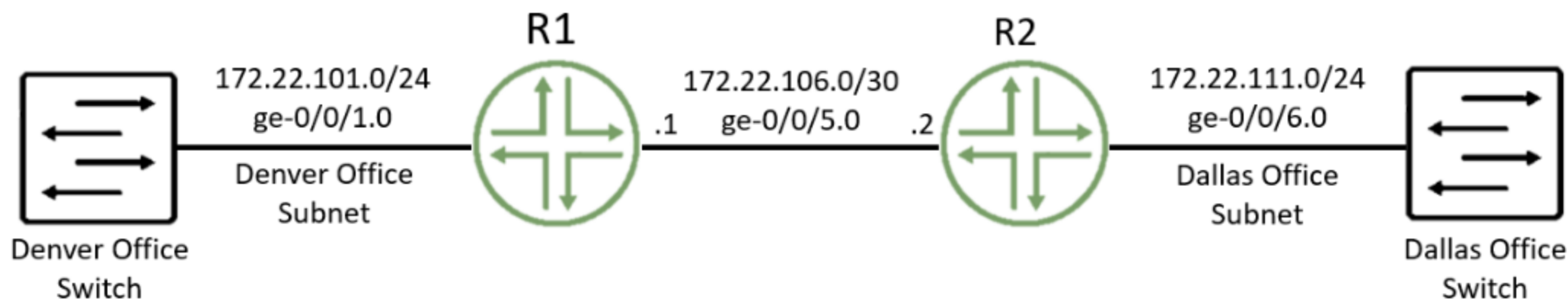


Actual exam question from Juniper's JN0-351

Question #: 6

Topic #: 1

[\[All JN0-351 Questions\]](#)



You are using OSPF to advertise the subnets that are used by the Denver and Dallas offices. The routers that are directly connected to the Dallas and Denver subnets are not advertising the connected subnets.

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

- A. Create static routes on the switches using the local vMX router's loopback interface for the next hop.
- B. Configure and apply a routing policy that redistributes the Dallas and Denver subnets using Type 5 LSAs.
- C. Configure and apply a routing policy that redistributes the connected Dallas and Denver subnets.
- D. Enable the passive option on the OSPF interfaces that are connected to the Dallas and Denver subnets.

Show Suggested Answer

Actual exam question from Juniper's JN0-351

Question #: 7

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
user@r1> show route receive-protocol bop 10.36.1.4
inet.0: 33 destinations, 57 routes (33 active, 0 hold-down, 0 hidden)

  Prefix Nexthop    Med    Next hop    AS path
*10.30.100.8/32    10.36.1.4                65401 65520 I
*10.30.100.9/32    10.36.1.4                65401 65521 I
*10.30.189.0/30    10.36.1.4                65401 65521 I
  10.32.1.0/30      10.36.1.4                65401 I
*10.32.2.0/30      10.36.1.4                65401 I
*10.32.12.0/30     10.36.1.4                65401 I
*10.52.100.2/32    10.36.1.4                65401 I
```

You want to verify prefix information being sent from 10.36.1.4.

Which two statements are correct about the output shown in the exhibit? (Choose two.)

- A. The routes displayed have traversed one or more autonomous systems.
- B. The output shows routes that were received prior to the application of any BGP import policies.
- C. The output shows routes that are active and rejected by an import policy.
- D. The routes displayed are being learned from an IBGP peer.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 8

Topic #: 1

[\[All JN0-351 Questions\]](#)

What is the default keepalive time for BGP?

- A. 10 seconds
- B. 60 seconds
- C. 30 seconds
- D. 90 seconds

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 9

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two statements are correct about tunnels? (Choose two.)

- A. BFD cannot be used to monitor tunnels.
- B. Tunnel endpoints must have a valid route to the remote tunnel endpoint.
- C. IP-IP tunnels are stateful.
- D. Tunnels add additional overhead to packet size.

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 10

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which statement is correct about IP-IP tunnels?

- A. IP-IP tunnels only support encapsulating IP traffic.
- B. IP-IP tunnels only support encapsulating non-IP traffic.
- C. The TTL in the inner packet is decremented during transit to the tunnel endpoint.
- D. There are 24 bytes of overhead with IP-IP encapsulation.

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 11

Topic #: 1

[\[All JN0-351 Questions\]](#)

You are configuring an IS-IS IGP network and do not see the IS-IS adjacencies established.

In this scenario, what are two reasons for this problem? (Choose two.)

- A. MTU is not at least 1492 bytes.
- B. IP subnets are not a /30 address.
- C. The Level 2 routers have mismatched areas.
- D. The lo0 interface is not included as an IS-IS interface.

[Show Suggested Answer](#)





Actual exam question from Juniper's JN0-351

Question #: 12

Topic #: 1

[\[All JN0-351 Questions\]](#)

You are asked to create a new firewall filter to evaluate Layer 3 traffic that is being sent between VLANs.

In this scenario, which two statements are correct? (Choose two.)

- A. You should create a family Ethernet-switching firewall filter with the appropriate match criteria and actions.
- B. You should apply the firewall filter to the appropriate VLAN.
- C. You should create a family inet firewall filter with the appropriate match criteria and actions.
- D. You should apply the firewall filter to the appropriate IRB interface.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 13

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
user@R1> show bgp neighbor
Peer: 10.32.1.2+63645 AS 65401 Local: 10.32.1.1+179 AS 65400
  Description: EBGP peering to 10.32.1.2
  Group: IPCLOS_eBGP      Routing-Instance: master
  Forwarding routing-instance: master
  Type: External  State: Established  Flags: <Sync>Last
  State: OpenConfirm  Last Event: RecvkeepAlive
  Last Error: None
  Export: [ IPCLOS_BGP_EXP ] Import: [ IPCLOS_BGP_IMP ]
  Options: <Preference PeerAS Multipath LocalAS Refresh>
  Options: <VpnApplyExport MtuDiscovery MultipathAs BfdEnabled>
  Holdtime: 90 Preference: 170 Local AS: 65400 Local System AS: 0
  Number of flaps: 0
  Peer ID: 10.52.100.2  Local ID: 10.52.100.1  Active Holdtime: 90
  Keepalive Interval: 30  Group index: 0  Peer index: 0  SNMP
index: 0
  I/O Session Thread: bgpio-0 State: Enabled
  BFD: enabled, up
  Local Interface: ge-0/0/1.0
  NLRI for restart configured on peer: inet-unicast
  NLRI advertised by peer: inet-unicast
  NLRI for this session: inet-unicast
  Peer supports Refresh capability (2)
  Stale routes from peer are kept for: 300
  Peer does not support Restarter functionality
  Restart flag received from the peer: Notification
  NLRI that restart is negotiated for: inet-unicast
  NLRI of received end-of-rib markers: inet-unicast
  NLRI of all end-of-rib markers sent: inet-unicast
  Peer does not support LLGR Restarter functionality
  Peer supports 4 byte AS extension (peer-as 65401)
  Peer does not support Addpath
  Table inet.0 Bit: 20000
    RIB State: BGP restart is complete
    Send state: in sync
    Active prefixes:          6
    Received prefixes:       9
    Accepted prefixes:       9
    Suppressed due to damping: 0
    Advertised prefixes:     22
  Last traffic (seconds): Received 22 Sent 10 Checked 69617
  Last Input messages: Total 2568 Updates 4 Refreshes 0 Octets 48991
  Output messages:      Total 2572 Updates 8 Refreshes 0 Octets 49362
  Output Queue[1]: 0      (inet.0, inet-unicast)
```

You are a network operator troubleshooting BGP connectivity.

Which two statements are correct about the output shown in the exhibit? (Choose two.)

- A. Peer 10.32.1.2 is configured for AS 63645.
- B. The BGP session is not established.
- C. The R1 is configured for AS 65400.
- D. The routers are exchanging IPv4 routes.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 14

Topic #: 1

[\[All JN0-351 Questions\]](#)

What is the maximum allowable MTU size for a default GRE tunnel without IPv4 traffic fragmentation?

- A. 1496 bytes
- B. 1480 bytes
- C. 1500 bytes
- D. 1476 bytes

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 15

Topic #: 1

[\[All JN0-351 Questions\]](#)

You are troubleshooting a BGP routing issue between your network and a customer router and are reviewing the BGP routing policies.

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

- A. Export policies are applied to routes in the RIB-In table.
- B. Import policies are applied to routes in the RIB-Local table.
- C. Import policies are applied after the RIB-In table.
- D. Export policies are applied after the RIB-Local table.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 16

Topic #: 1

[\[All JN0-351 Questions\]](#)

You are asked to connect an IP phone and a user computer using the same interface on an EX Series switch. The traffic from the computer does not use a VLAN tag, whereas the traffic from the IP phone uses a VLAN tag.

Which feature enables the interface to receive both types of traffic?

- A. native VLAN
- B. DHCP snooping
- C. MAC limiting
- D. voice VLAN

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 17

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
user@PE1> show route table ISP1.inet.0
```

```
user@PE-1> configure
```

```
[edit]
```

```
user@PE1# show routing-instances
```

```
ISP1 {  
  instance-type forwarding;  
  routing-options {  
    static {  
      route 0.0.0.0/0 next-hop 203.0.113.2;  
    }  
    instance-import ISP1-import;  
  }  
}
```



```
[edit]
```

```
user@PE-1# show policy-options  
policy-statement ISP1-import {  
  from instance master;  
  then accept;  
}
```

The ISP1.inet.0 route table has currently no routes in it.

What will happen when you commit the configuration shown on the exhibit?

- A. The inet.0 route table will be completely overwritten by the ISP1.inet.0 route table.
- B. The inet.0 route table will be imported into the ISP1.inet.0 route table.
- C. The ISP1.inet.0 route table will be completely overwritten by the inet.0 route table.
- D. The ISP1.inet.0 route table will be imported into the inet.0 route table.

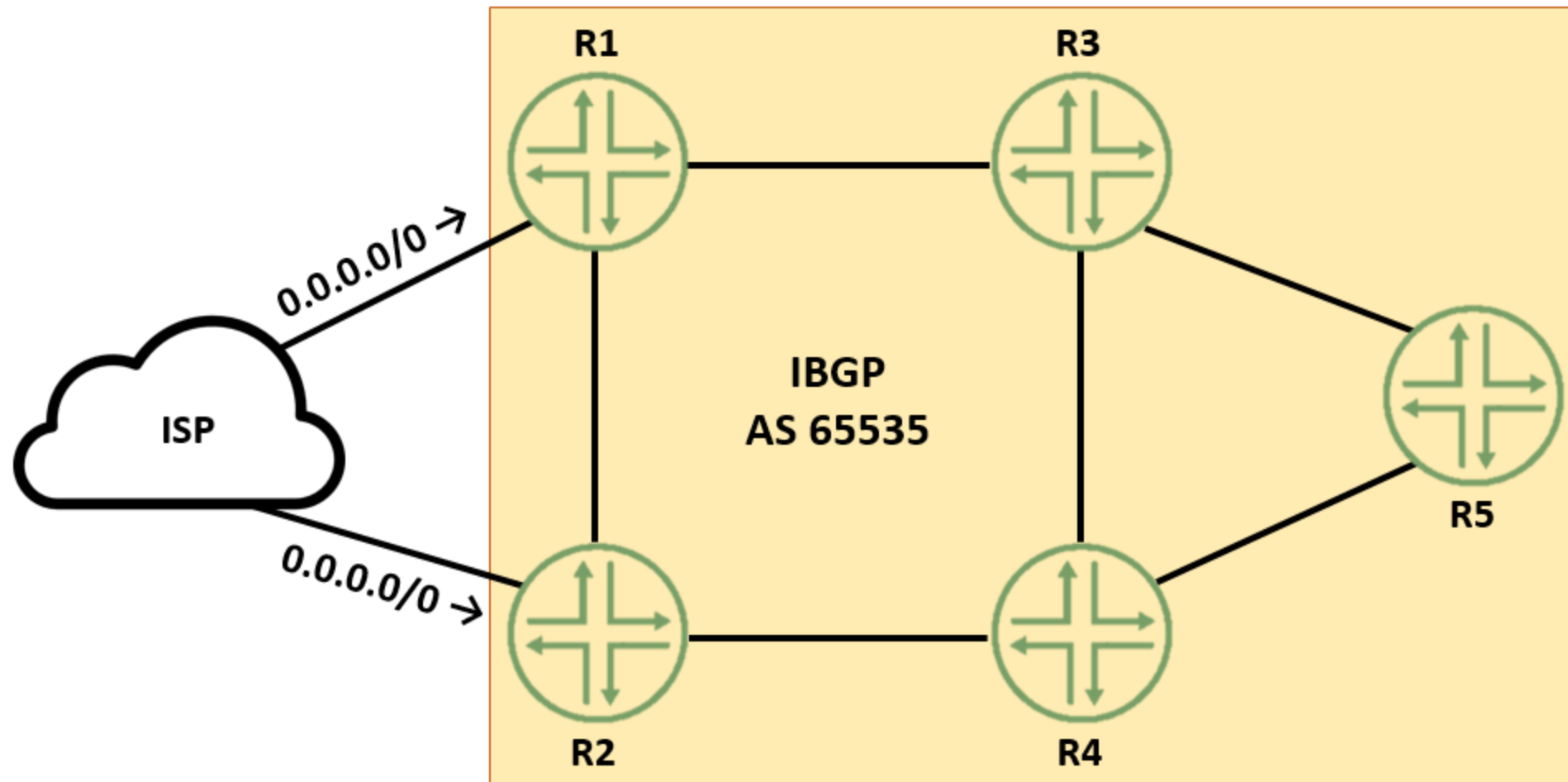
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Actual exam question from Juniper's JN0-351

Question #: 18

Topic #: 1

[\[All JN0-351 Questions\]](#)



Your ISP is announcing a default route to both R1 and R2. You want your network routers to forward all Internet traffic through the R1 device. Which BGP attribute would you use?

- A. MED
- B. next-hop
- C. local preference
- D. origin

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 19

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two BGP attributes must be supported by all BGP implementations and must be included in every update? (Choose two.)

- A. AS path
- B. MED
- C. next hop
- D. community

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 20

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
user# show protocols bgp

group ext-64501 {
    type external;
    peer-as 64501;
    neighbor 172.30.1.2;
}
group int-64503 {
    type internal;
    local-address 192.168.100.1;
    neighbor 192.168.100.2;
}
bfd-liveness-detection {
    minimum-interval 10;
}
```

Your BGP neighbors, one in the USA and one in France, are not establishing a connection with each other. Referring to the exhibit, which statement is correct?

- A. The BFD liveness is set too low.
- B. The BFD liveness must be configured on the BGP neighbor.
- C. The BFD liveness must be configured on the BGP group.
- D. The BFD liveness is set too high.

Show Suggested Answer

Actual exam question from Juniper's JN0-351

Question #: 21

Topic #: 1

[\[All JN0-351 Questions\]](#)

You need to configure a LAG between your switches.

In this scenario, which two statements are correct? (Choose two.)

- A. Duplex and speed settings are not required to match on both participating devices.
- B. Duplex and speed settings are required to match on both participating devices.
- C. Member links are not required to be contiguous ports.
- D. Member links are required to be contiguous ports.

[Show Suggested Answer](#)



Actual exam question from Juniper's JN0-351

Question #: 22

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
{master: 0}
```

```
user@switch> show vlans brief
```

Routing instance	VLAN name	Tag	Interfaces
default-switch	default	1	ge-0/0/0.0* ge-0/0/1.0* ge-0/0/2.0* ge-0/0/3.0* ge-0/0/4.0* ge-0/0/5.0*

What does the * indicate in the output shown in the exhibit?

- A. The switch ports have a router attached.
- B. The interface is down.
- C. The interface is active.
- D. All interfaces have elected a root bridge.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 23

Topic #: 1

[\[All JN0-351 Questions\]](#)

You have two OSPF routers forming an adjacency. R1 has a priority of 32 and a router ID of 192.168.1.2. R2 has a priority of 64 and a router ID of 192.168.1.1. The routers were started at the same time and all other OSPF settings are the default settings.

Which statement is correct in this scenario?

- A. At least three routers are required for a DR/BDR election.
- B. Router IDs must match for an adjacency to form.
- C. R2 will be the BDR.
- D. R1 will be the BDR.

Show Suggested Answer

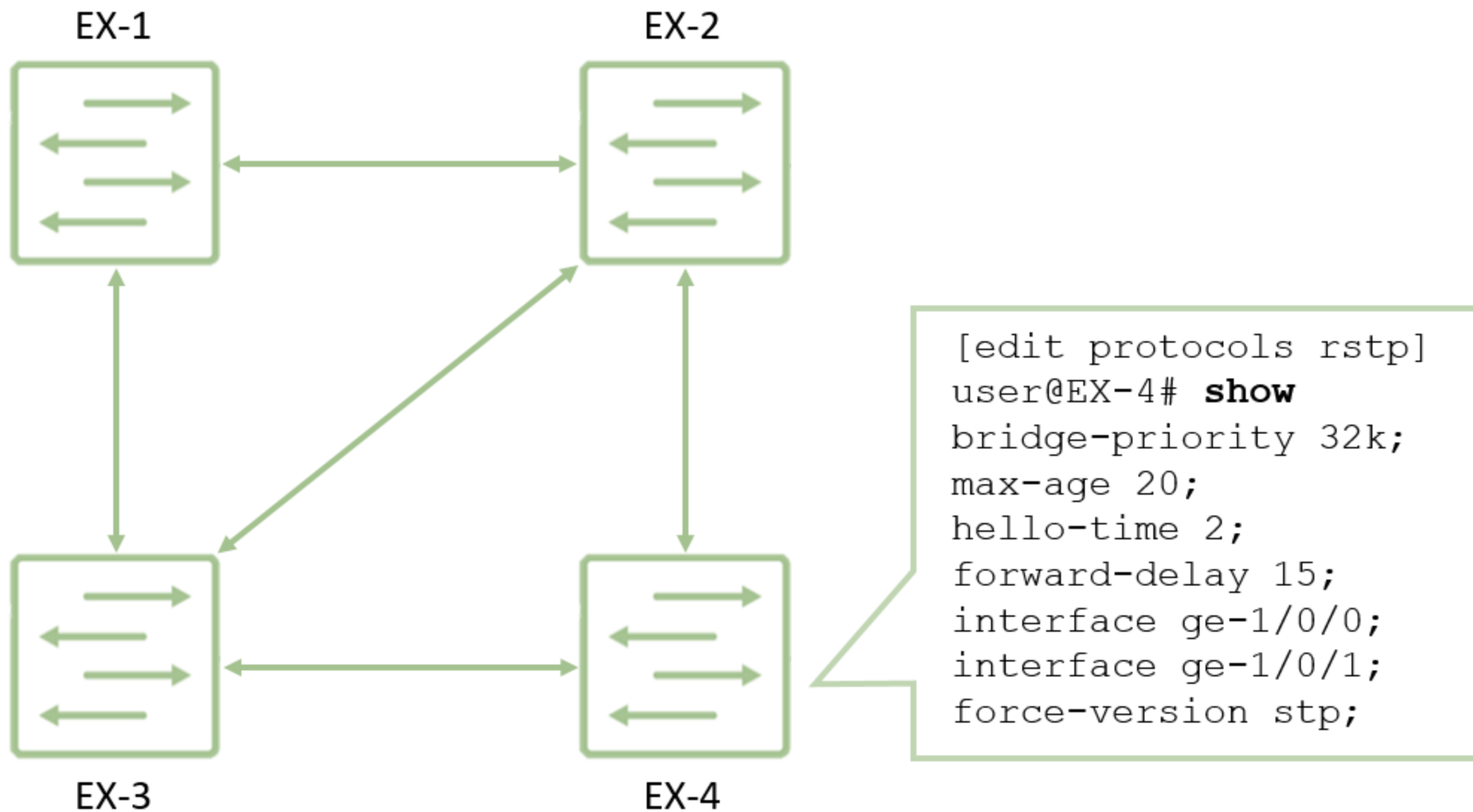


Actual exam question from Juniper's JN0-351

Question #: 24

Topic #: 1

[\[All JN0-351 Questions\]](#)



You have configured the four EX Series switches with RSTP, as shown in the exhibit. You discover that whenever a link between switches goes up or down, the switches take longer than expected for RSTP to converge, using the default settings.

In this scenario, which action would solve the delay in RSTP convergence?

- A. The hello-time must be increased.
- B. The force-version must be removed.
- C. The bridge priority for EX-4 must be set at 4000.
- D. The max-age must be increased to 20.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 25

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two statements correctly describe RSTP port roles? (Choose two.)

- A. The designated port forwards data to the downstream network segment or device.
- B. The backup port is used as a backup for the root port.
- C. The alternate port is a standby port for an edge port.
- D. The root port is responsible for forwarding data to the root bridge.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 26

Topic #: 1

[\[All JN0-351 Questions\]](#)

Route	Next-hop	AS-Path	Origin	Local preference
172.27.0.0/24	ISP 1	65010 65520 65512	I	100
172.27.0.0/24	ISP 2	65112	E	100
172.27.0.0/24	ISP 3	64599 65532 65520 65512	?	150
172.27.0.0/24	ISP 4	65000 65512	E	150

You are receiving the BGP route shown in the exhibit from four different upstream ISPs.

Referring to the exhibit, which ISP will be selected as the active path?

- A. ISP 1
- B. ISP 3
- C. ISP 4
- D. ISP 2

Show Suggested Answer

Actual exam question from Juniper's JN0-351

Question #: 27

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
user@host> show ospf neighbor
```

Address	Interface	State	ID	Pri	Dead
172.26.1.1	ge-0/0/3.0	ExStart	192.168.1.1	128	31

Referring to the exhibit, why is this OSPF adjacency remaining in this state?

- A. A subnet mask mismatch exists between the OSPF neighbors.
- B. An MTU mismatch exists between the OSPF neighbors.
- C. A hello interval mismatch exists between the OSPF neighbors
- D. An area ID mismatch exists between the OSPF neighbors.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 28

Topic #: 1

[\[All JN0-351 Questions\]](#)

A new network requires multiple topology support. You decide to use IS-IS in this situation.

Which three protocol topologies are supported in this scenario? (Choose three.)

- A. IPsec
- B. anycast
- C. IPv6
- D. multicast
- E. IPv4

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 29

Topic #: 1

[\[All JN0-351 Questions\]](#)

```
user@host> show ospf neighbor
```

Address	Interface	State	ID	Pri	Dead
172.26.1.1	ge-0/0/3.0	2Way	192.168.1.1	128	31

Referring to the output shown in the exhibit, which statement is correct?

- A. The state is normal for a DR neighbor.
- B. The state is normal for a DRother neighbor.
- C. An MTU mismatch exists between the OSPF neighbors.
- D. An area ID mismatch exists between the OSPF neighbors.

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 30

Topic #: 1

[\[All JN0-351 Questions\]](#)

You are concerned about spoofed MAC addresses on your LAN.

Which two Layer 2 security features should you enable to minimize this concern? (Choose two.)

- A. dynamic ARP inspection
- B. IP source guard
- C. DHCP snooping
- D. static ARP

[Show Suggested Answer](#)



Actual exam question from Juniper's JN0-351

Question #: 31

Topic #: 1

[\[All JN0-351 Questions\]](#)

In RSTP, which three port roles are associated with the discarding state? (Choose three.)

- A. root
- B. backup
- C. alternate
- D. disabled
- E. designated

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 32

Topic #: 1

[\[All JN0-351 Questions\]](#)

Two routers share the same highest priority and start time.

In this situation, what is evaluated next when determining the designated router?

- A. The router with the lowest router ID become the DR.
- B. The router with the highest router ID becomes the DR.
- C. The routers perform another DR election.
- D. The router with the highest MAC address become the DR.

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 33

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two statements about redundant trunk groups on EX Series switches are correct? (Choose two.)

- A. Redundant trunk groups load-balance traffic across two designated uplink interfaces.
- B. If the active link fails, then the secondary link automatically takes over.
- C. Layer 2 control traffic is permitted on the secondary link.
- D. Redundant trunk groups must be connected to the same aggregation switch.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 34

Topic #: 1

[\[All JN0-351 Questions\]](#)

You are attempting to configure the initial two aggregated Ethernet interfaces on a router but there are no aggregated Ethernet interfaces available. In this scenario, which configuration will enable these interfaces on this router?

```
A. user@router# show chassis
    aggregated-devices {
        ethernet {
            lacp {
                system-priority 10;
            }
        }
    }
```

```
B. user@router# show chassis
    aggregated-devices {
        ethernet {
            device-count 10;
        }
    }
```

```
C. user@router# test show chassis
    maximum-ecmp 16;
    aggregated-devices {
        ethernet {
            device-count 1;
        }
    }
```

```
D. user@router# show chassis
    aggregated-devices {
        ethernet {
            device-count 1;
        }
    }
```

Show Suggested Answer

Actual exam question from Juniper's JN0-351

Question #: 35

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two statements about BGP facilitate the prevention of routing loops between two autonomous systems? (Choose two.)

- A. EBGp routers will append their AS number when advertising routes to their neighbors.
- B. EBGp routers will only accept routes that contain their own AS number in the AS_PATH.
- C. EBGp routers will drop routes that contain their own AS number in the AS_PATH.
- D. EBGp routers will prepend their AS number when advertising routes to their neighbors.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 36

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which statement is correct about the IS-IS ISO NET address?

- A. An ISO NET address defined with a system ID of 0000.0000.0000 must be selected as the DIS.
- B. An ISO NET address must be unique for each device in the network.
- C. You can only define a single ISO NET address per device.
- D. The Area ID must match on all devices within a L2 area.

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 37

Topic #: 1

[\[All JN0-351 Questions\]](#)

What is the default MAC age-out timer on an EX Series switch?

- A. 30 minutes
- B. 30 seconds
- C. 300 minutes
- D. 300 seconds

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 38

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two statements are correct about generated routes? (Choose two.)

- A. Generated routes require a contributing route.
- B. Generated routes show a next hop in the routing table.
- C. Generated routes appear in the routing table as static routes.
- D. Generated routes cannot be redistributed into dynamic routing protocols.

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 39

Topic #: 1

[\[All JN0-351 Questions\]](#)

What is a purpose of using a spanning tree protocol?

- A. to look up MAC addresses
- B. to eliminate broadcast storms
- C. to route IP packets
- D. to tunnel Ethernet frames

Show Suggested Answer





Actual exam question from Juniper's JN0-351

Question #: 40

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two types of tunnels are able to be created on all Junos devices? (Choose two.)

- A. STP
- B. GRE
- C. IP-IP
- D. IPsec

Show Suggested Answer

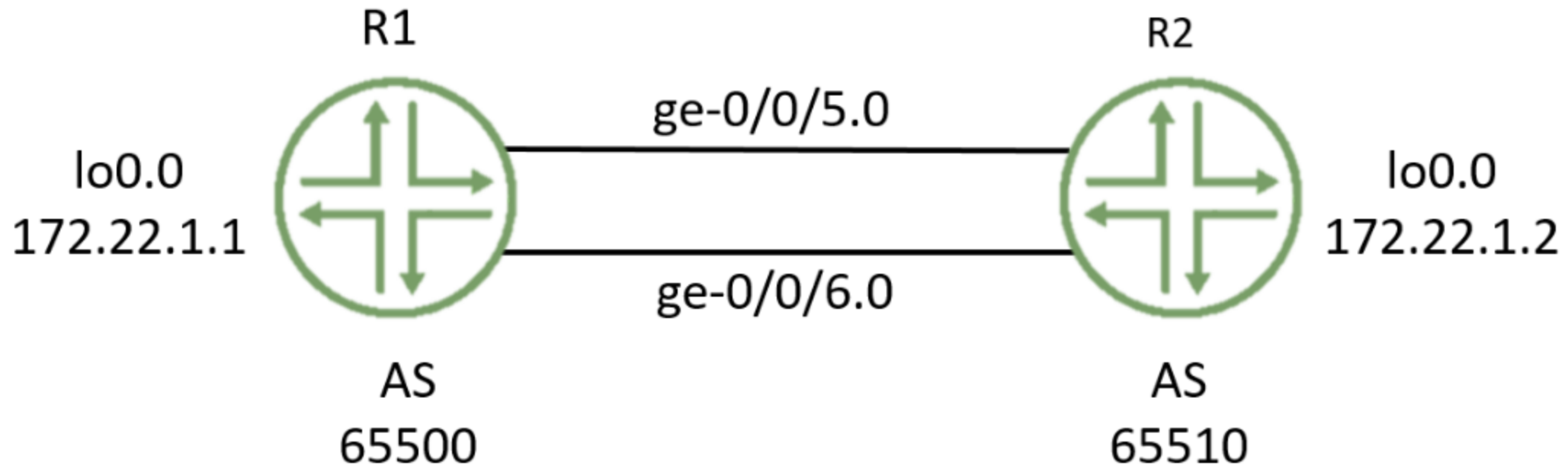


Actual exam question from Juniper's JN0-351

Question #: 41

Topic #: 1

[\[All JN0-351 Questions\]](#)



You want to enable redundancy for the EBGP peering between the two routers shown in the exhibit.

Which three actions will you perform in this scenario? (Choose three.)

- A. Configure BGP multihop.
- B. Configure loopback interface peering.
- C. Configure routes for the peer loopback interface IP addresses.
- D. Configure an MD5 peer authentication.
- E. Configure a cluster ID.

Show Suggested Answer



Actual exam question from Juniper's JN0-351

Question #: 42

Topic #: 1

[\[All JN0-351 Questions\]](#)

Which two statements about redundant trunk groups on EX Series switches are correct? (Choose two.)

- A. Redundant trunk groups use spanning tree to provide loop-free redundant uplinks.
- B. Redundant trunk groups load balance traffic across two designated uplink interfaces.
- C. Layer 2 control traffic is permitted on the secondary link.
- D. If the active link fails, then the secondary link automatically takes over.

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