

## Exam Questions JN0-363

Service Provider Routing and Switching Specialist (JNCIS-SP)

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### NEW QUESTION 1

What are three well-known mandatory BGP attributes? (Choose three.)

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

**Answer:** ABE

### NEW QUESTION 2

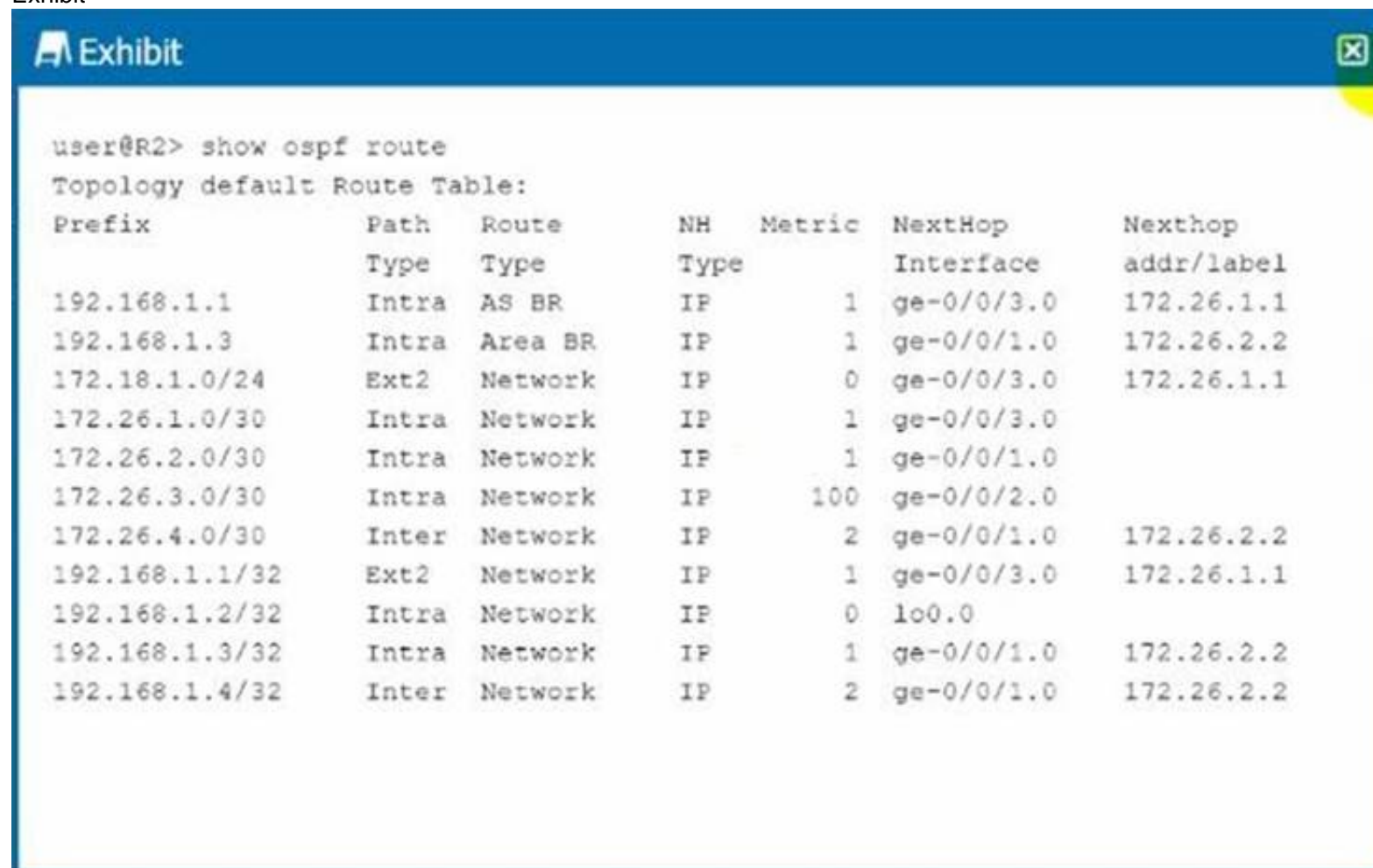
How does a Junos device learn about MAC addresses when it is first connected to an Ethernet LAN?

- A. The device sends out a network broadcast message asking for all devices and MAC addresses on the network and stores this information in addition to the interface from which the response was received.
- B. The device learns the destination MAC addresses from traffic in the network and stores this MAC address in addition to the interface from which the traffic was received.
- C. The device learns the source MAC addresses from traffic in the network and stores this MAC address in addition to the interface from which the traffic was received.
- D. The device sends out a network multicast message asking for all devices and MAC addresses on the network and stores this information in addition to the interface from which the response was received.

**Answer:** D

### NEW QUESTION 3

Exhibit



The exhibit shows a terminal window titled "Exhibit" with the command "user@R2> show ospf route" and its output. The output is a table with 7 columns: Prefix, Path, Route, NH, Metric, NextHop, and Nexthop. The data rows show various OSPF routes, including intra-area, inter-area, and external routes.

Prefix	Path	Route	NH	Metric	NextHop	Nexthop
	Type	Type	Type		Interface	addr/label
192.168.1.1	Intra	AS BR	IP	1	ge-0/0/3.0	172.26.1.1
192.168.1.3	Intra	Area BR	IP	1	ge-0/0/1.0	172.26.2.2
172.18.1.0/24	Ext2	Network	IP	0	ge-0/0/3.0	172.26.1.1
172.26.1.0/30	Intra	Network	IP	1	ge-0/0/3.0	
172.26.2.0/30	Intra	Network	IP	1	ge-0/0/1.0	
172.26.3.0/30	Intra	Network	IP	100	ge-0/0/2.0	
172.26.4.0/30	Inter	Network	IP	2	ge-0/0/1.0	172.26.2.2
192.168.1.1/32	Ext2	Network	IP	1	ge-0/0/3.0	172.26.1.1
192.168.1.2/32	Intra	Network	IP	0	lo0.0	
192.168.1.3/32	Intra	Network	IP	1	ge-0/0/1.0	172.26.2.2
192.168.1.4/32	Inter	Network	IP	2	ge-0/0/1.0	172.26.2.2

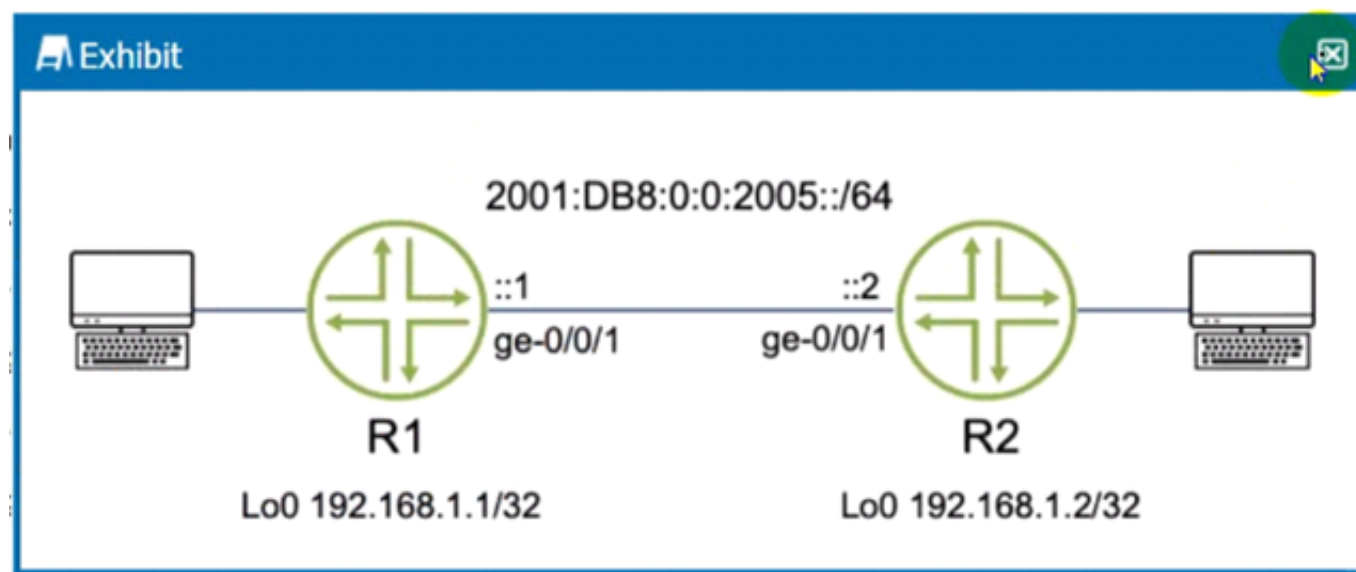
Which prefix in the output shown in the exhibit is an external prefix injected by an OSPF router?

- A. 192.168.1.3
- B. 172.18.1.0/24
- C. 192.108.1.4
- D. 172.26.4.0/30

**Answer:** D

### NEW QUESTION 4

Exhibit



You are asked to configure OSPF between routers R1 and R2 using IPv6 addresses. Which two tasks will accomplish your objective? (Choose two.)

- A. Issue the `set protocols ospf area 0.0.0.0 interface ge-0/0/1.0` command.
- B. Under the [edit routing-options] hierarchy, configure a 32-bit router ID.
- C. Issue the `set protocols ospf3 area 0.0.0.0 interface ge-0/0/1.0` command.
- D. Under the [edit routing-options] hierarchy, configure a 128-bit router ID.

**Answer:** AD

#### NEW QUESTION 5

Exhibit

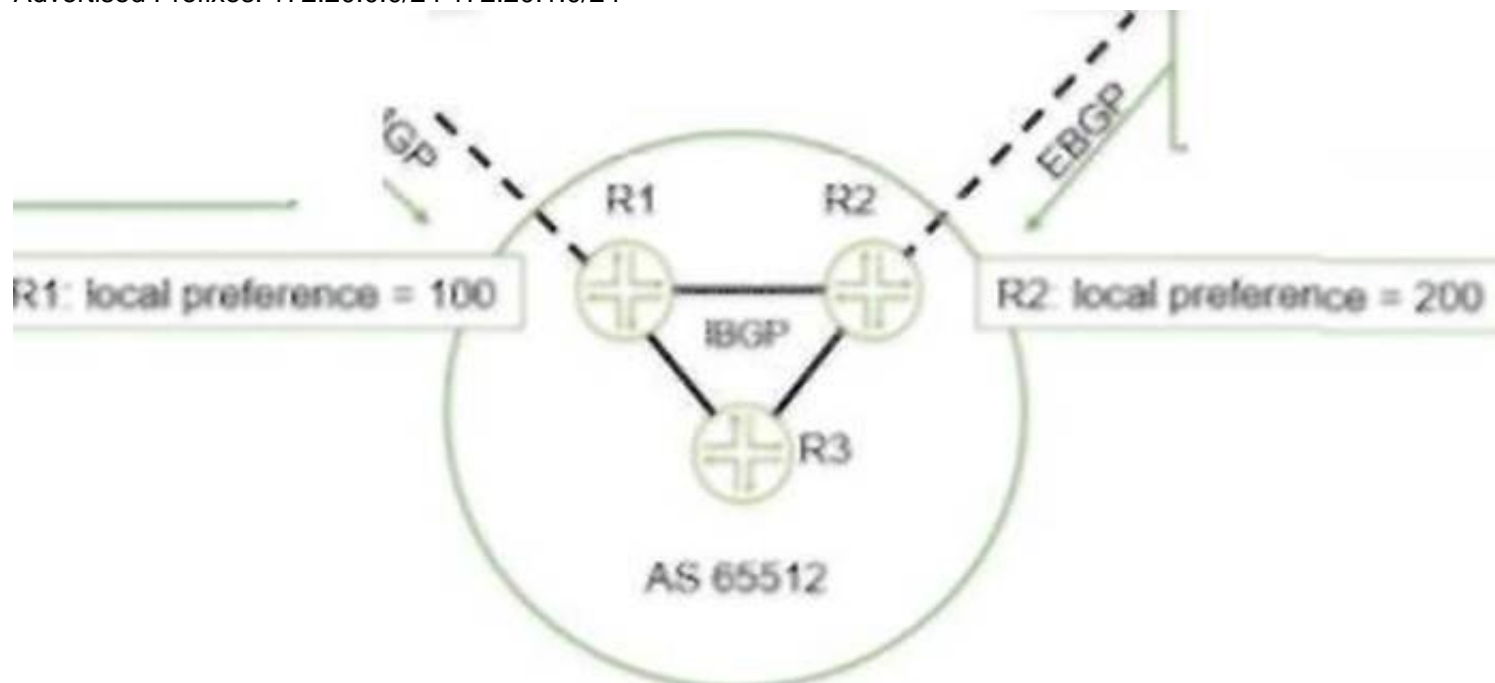
S Exhibit

LS11 A AS 65501 ISPB AS 65502

Advertised Prefixes: 172.20.0.0/24 172.20.20.0/24 172.20.21.0/24

\ N

Advertised Prefixes: 172.20.0.0/24 172.20.1.0/24



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

- A. Devices in AS 65512 will prefer ISP A for traffic destined to the 172.20.21.0/24 network.
- B. Devices in AS 65512 will prefer ISP A for traffic destined to the 172.20.0.0/24 network.
- C. Devices in AS 65512 will prefer ISP B for traffic destined to the 172.20.21.0/24 network.
- D. Devices in AS 65512 will prefer ISP B for traffic destined to the 172.20.0.0/24 network.

**Answer:** C

#### NEW QUESTION 6

Which configuration setting prohibits a static route from being redistributed by a dynamic routing protocol?

- A. route-filter
- B. no-readvertise
- C. qualified-next-hop
- D. passive

**Answer:** B

#### NEW QUESTION 7

An OSPF router does not have a router ID configured.

In this scenario, which statement is correct about the router ID?

- A. The Junos OS will use the IP address assigned to the interface with the lowest MAC address.
- B. A router ID will not be assigned until it is manually configured.
- C. The Junos OS will use the IP address assigned to the loopback interface for the router ID.
- D. The Junos OS will use the IP address assigned to the interface with the highest priority.

Answer: B

#### NEW QUESTION 8

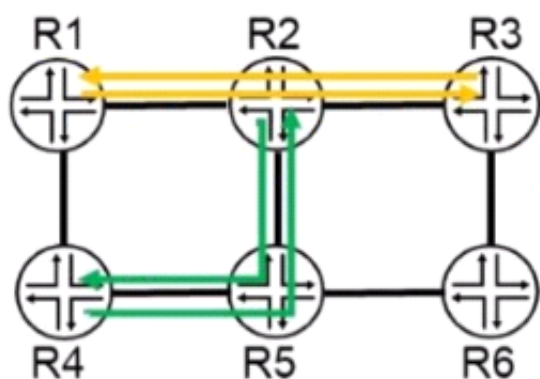
You want to see a detailed list of all established BGP sessions. In this scenario, what would be a valid command to accomplish this task?

- A. show bgp neighbor
- B. show bgp summary
- C. show route receive-protocol bgp <neighbor IP address>
- D. show route protocol bgp

Answer: D

#### NEW QUESTION 9

Exhibit



— RVSP LSP with 300 Mbps reserved

— RVSP LSP with 700 Mbps reserved

The exhibit shows a topology with 1 Gbps interfaces between routers, and four RSVP LSPs operating with the respective bandwidth reservations. Which path will be selected for a new LSP from R4 to R6 with a bandwidth reservation of 400 Mbps?

- A. R4 -> R1 -> R2 -> R5 -> R6
- B. R4 -> R5 -> R6
- C. R4 -> R5 -> R2 -> R3 -> R6
- D. R4 -> R1 -> R2 -> R3 -> R6

Answer: A

#### NEW QUESTION 10

Which statement describes integrated routing and bridging (IRB) interfaces?

- A. An IRB interface is an IP gateway for hosts of a bridge domain.
- B. An IRB interface assigns interfaces to VLANs.
- C. An IRB interface enables Layer 2 switching on the router.
- D. An IRB interface defines a bridge domain.

Answer: C

#### NEW QUESTION 10

Which new field is added to an IPv6 header as compared to IPv4?

- A. version
- B. checksum
- C. fragment offset
- D. flow label

Answer: D

#### NEW QUESTION 13

Exhibit

 Exhibit


```

user@router> show mpls lsp ingress detail
Ingress LSP: 1 sessions
192.168.0.3
  From: 0.0.0.0, State: Dn, ActiveRoute: 0, LSPname: to-R3
  ActivePath: (none)
  LSPTYPE: Static Configured, Penultimate hop popping
  LoadBalance: Random
  Follow destination IGP metric
  Encoding type: Packet, Switching type: Packet, GPID: IPv4
  LSP Self-ping Status : Enabled
  Primary                               State: Dn
    Priorities: 7 0
    SmartOptimizeTimer: 180
    Flap Count: 0
    MBB Count: 0
    Will be enqueued for recomputation in 18 second(s).
    1 Mar  9 23:22:22.998 CSPP: could not determine self
user@router> show ted database
TED database: 0 ISIS nodes 0 INET nodes
[edit protocols]
user@router# show
ospf {
  area 0.0.0.0 {
    interface ge-0/0/2.0;
    interface ge-0/0/4.0;
  }
}
rsvp {
  interface all;
}
bgp {
  group Int {
    type internal;
    local-address 192.168.0.1;
    export nhs;
    neighbor 192.168.0.3;
  }
}
mpls {
  label-switched-path to-R3 {
    to 192.168.0.3;
  }
  interface all;
}

```

The LSP is not establishing correctly.

Referring to the exhibit, what should you do to solve the problem?

- A. Enable traffic engineering for the OSPF protocol.
- B. Enable traffic engineering for the IS-IS protocol.
- C. Enable traffic engineering for the BGP protocol.
- D. Enable traffic engineering for the RSVP protocol.

**Answer: D**

#### NEW QUESTION 15

Exhibit



```

[edit]
user@switch# show routing-instances
sw-1 {
    instance-type virtual-switch;
    bridge-domains {
        vlan_1 {
            vlan-id 1;
        }
        vlan_2 {
            vlan-id 2;
        }
    }
}
[edit]
user@switch# show interfaces xe-1/0/5
unit 0 {
    family bridge {
        interface-mode access;
        vlan-id 2;
    }
}

```

You are asked to assign interface xe-1/0/5 to a virtual switch. What must be accomplished to complete the configuration?

- A. Interface xe-1/0/5 must be added to routing-instance sw-1 vlan\_2.
- B. Interface xe-1/0/5 must be a trunk port.
- C. Interface xe-1/0/5 must be added to routing-instance sw-1.
- D. An IRB interface must be configured to routing-instance sw-1 vlan\_2.

**Answer: C**

#### NEW QUESTION 18

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