



# Juniper

## Exam Questions JN0-363

Service Provider Routing and Switching Specialist (JNCIS-SP)

### NEW QUESTION 1

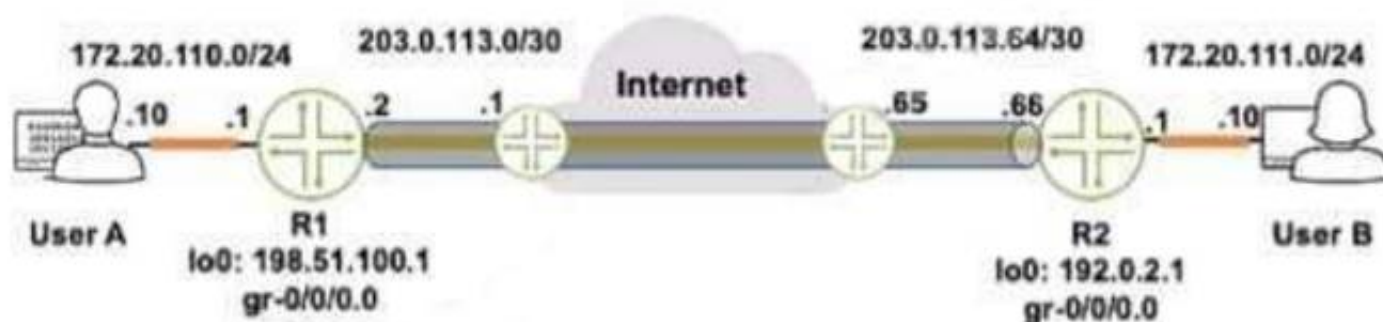
What are two types of SIDs used in segment touting? (Choose two.)

- A. node
- B. adjacency
- C. link
- D. interface

**Answer: AB**

### NEW QUESTION 2

Exhibit



Referring to the exhibit, how do you verify the status of the tunnel from R1?

- A. Issue the ping 172.20.111.10 source 172.20.110.1 command.
- B. Issue the ping 172.20.111.10 source 198.51.100.1 command.
- C. Issue the ping 172.20.111.10 source 203.0.113.2 command.
- D. Issue the ping 172.20.111.10 source 192.0.2.1 command.
- E. Issue the ping 172.20.111.10 source 198.51.100.1 command.

**Answer: C**

### NEW QUESTION 3

You have created a routing instance named vr3 that will provide access to Server 2 (10.0.0.2) (or the hosts on the 10.10.10.0/24 network). Which command would you use to test connectivity between vr3 and Server 2?

- A. user@vr3> ping 10.0.0.2 count 5
- B. user@vr3> ping 10.0.0.2 count 5 source 10.10.10.1
- C. user@router1> ping 10.0.0.2 count 5
- D. user@router1> ping 10.0.0.2 routing-instance vr3 count 5

**Answer: C**

### NEW QUESTION 4

Exhibit



```
[edit]
user@Router1# show protocols bgp
group External {
  peer-as 64525;
  neighbor 172.25.1.2;
}
```

Referring to the exhibit, what must be included in the Router1 configuration when establishing an EBGP session with the ISP?

- A. A local address must be specified.
- B. A local AS must be specified.
- C. The BGP session type internal must be specified.
- D. The BGP session type external must be specified.

Answer: A

#### NEW QUESTION 5

Exhibit

Exhibit						
user@R1> show vrrp summary						
Interface	State	Group	VR state	VR Mode	Type	Address
ge-0/0/4.0	up	10	master	Active	lcl	172.25.100.2
					vip	172.25.100.1
user@R2> show vrrp summary						
Interface	State	Group	VR state	VR Mode	Type	Address
ge-0/0/4.0	up	10	master	Active	lcl	172.25.100.3
					vip	172.25.100.1

Referring to the exhibit, which statement is true about VRRP?

- A. VRRP communication between the two devices is not functioning correctly.
- B. Both routers are in the same state because they have the same VRRP priority.
- C. RRP Is functioning normally in active/active mode.
- D. The routers should use different virtual IP addresses for VRRP to function correctly.

Answer: D

#### NEW QUESTION 6

What are three types of MPLS routers? (Choose three.)

- A. transit routers
- B. peering routers
- C. egress routers
- D. aggregation routers
- E. ingress routers

Answer: ACE

#### NEW QUESTION 7

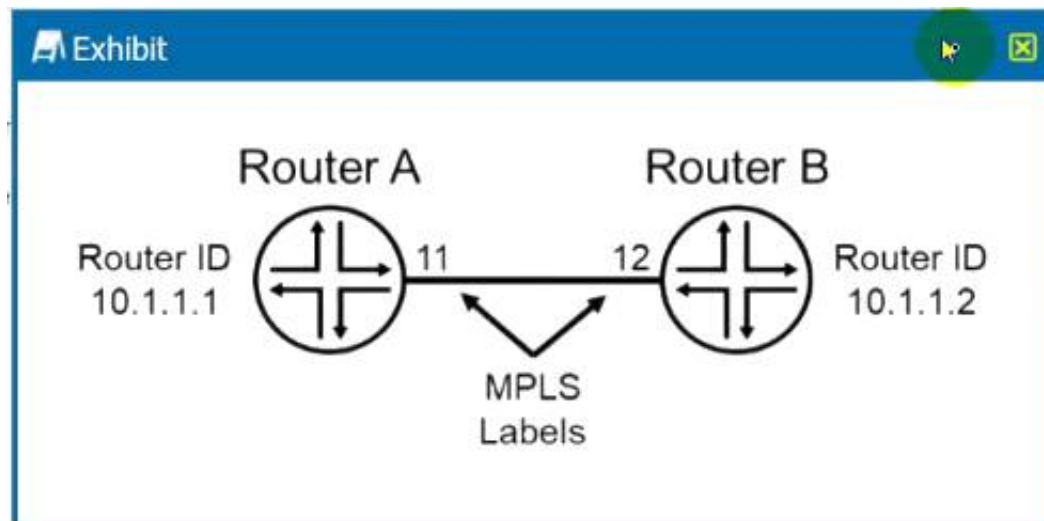
The segment routing SRGB start label is 10,000 and the SRGB index range is 500.  
 In this scenario, which two statements are correct? (Choose two.)

- A. The first usable label is 10,001.
- B. The last usable label is 10,501.
- C. The last usable label is 10,499.
- D. The first usable label is 10,000.

Answer: CD

#### NEW QUESTION 8

Exhibit



The routers shown in the exhibit are configured for segment routing.  
 In this scenario, what is the adjacency SIO that Router B advertises to Router A?

- A. 12
- B. 10.1.1.1
- C. 10.1.1.2

D. 11

**Answer:** B

#### NEW QUESTION 9

Exhibit



You have an established LSP between your R1 and R5 devices using the configuration shown in the exhibit. You are asked to ensure that MPLS labels are used to forward traffic by all devices within the LSP. Which action will accomplish this behavior?

- A. Configure the ultimate-hop-popping statement under the R1\_TO\_R5 label switched path on R1.
- B. Configure the explicit-null statement under the protocol mpls hierarchy on R1.
- C. Delete the no-cspf statement under the R1\_TO\_R5 label switched path on R1.
- D. Configure the install statement under the R1\_TO\_R5 label switched path on R1.

**Answer:** D

#### NEW QUESTION 10

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 10

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 14

Exhibit

```

[edit routing-options]
user@R1# show
static {
    defaults {
        preference 20;
    }
    route 0.0.0.0/0 {
        next-hop 172.24.0.1;
        preference 5;
    }
    route 172.24.0.0/24 next-hop [ 172.24.0.100 172.24.0.101 ];
forwarding-table {
    export lbpp;
}
[edit]
user@R1# show policy-options policy-statement lbpp
term 1 {
    then {
        load-balance per-packet;
    }
}
    
```

Which type of load balancing is shown in the exhibit?

- A. elastic load balancing
- B. per-packet load balancing
- C. per-flow load balancing
- D. network load balancing

**Answer: D**

#### NEW QUESTION 17

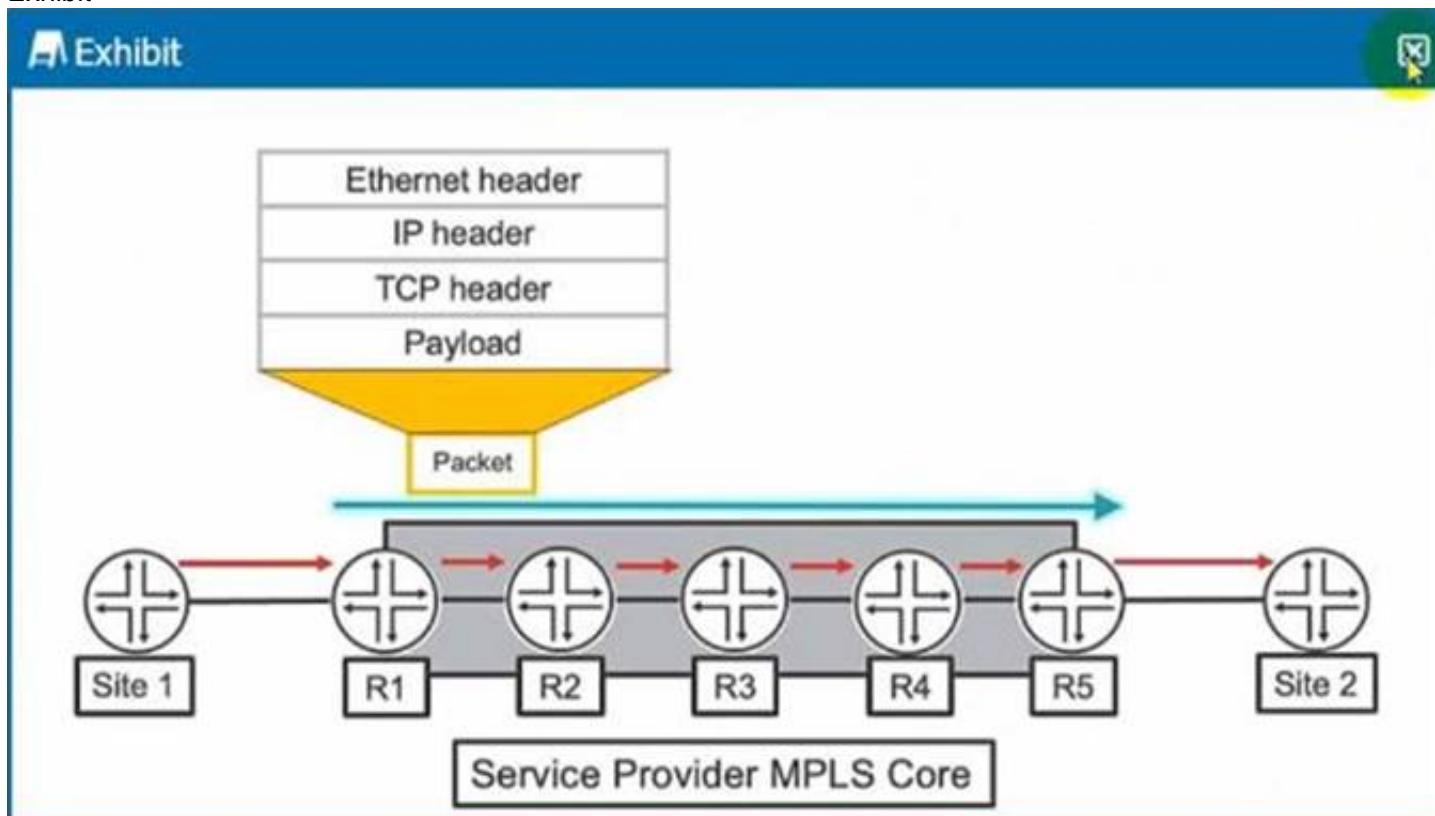
Which statement is correct about IS-IS?

- A. IS-IS is a distance vector routing protocol.
- B. IS-IS is a path vector routing protocol.
- C. IS-IS is a link-state routing protocol.
- D. IS-IS is a classful routing protocol.

**Answer: C**

#### NEW QUESTION 21

Exhibit



Which two statements are correct about the actions taken as the packet traverses the service provider MPLS network from Site 1 to Site 2 as shown in the exhibit? (Choose two.)

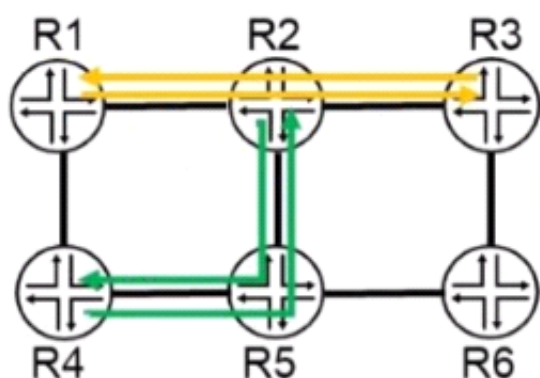
- A. R2 will perform a lookup using the mpls.0 table.
- B. R1 will perform a lookup using the inet.3 table.
- C. R1 will perform a lookup using the mpls.0 table.
- D. R2 will perform a lookup using the inet.3 table.

**Answer: A**

#### NEW QUESTION 22



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 27

Exhibit

```
user@router-re0> show system s?
```

Possible completions:

services	Show service applications information
snapshot	Show snapshot information
software	Show loaded JUNOS extensions
statistics	Show statistics for protocol
storage	Show local storage data

You have configured graceful RE switchover (GRES), however you cannot complete the show system switchover command. Referring to the exhibit, what is the problem?

- A. The command is only available if non-stop routing is enabled.
- B. The command is only available on the backup Routing Engine.
- C. The command is only available if a backup router is configured.
- D. The command is only available if graceful restart is enabled.

Answer: B

#### NEW QUESTION 28

Exhibit

```

user@switch> show spanning-tree bridge
STP bridge parameters
Context ID                : 0
Enabled protocol          : RSTP
Root ID                   : 8192.50:c5:8d:ae:db:41
Hello time                 : 10 seconds
Maximum age                : 40 seconds
Forward delay              : 30 seconds
Message age                : 0
Number of topology changes : 6
Time since last topology change : 781 seconds
Topology change initiator  : ge-0/0/14.0
Topology change last recvd. from : 2c:6b:f5:31:06:0b
Local parameters
Bridge ID                  : 8192.50:c5:8d:ae:db:41
Extended system ID         : 0
Internal instance ID       : 0
  
```

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

- A. The root bridge is reachable using the ge-0/0/14 interface.
- B. This switch is the root bridge for this spanning tree topology.
- C. This switch has a bridge priority of 8k.
- D. The root bridge's priority is 4k.

**Answer:** BD

### NEW QUESTION 33

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 37

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 38

Interface ge-0/0/0.0 connects your network to your ISP. You want to advertise this interface address as an Internal route in OSPF without creating a neighbor with your ISP.

In this scenario, how is this task accomplished?

- A. Remove interface ge-0/0/0.0 from OSPF.
- B. Create a generated route for Interface ge-0/0/0.0.
- C. Add ge-0/0/0.0 as a passive interface in OSPF.
- D. Configure a static route for Interface ge-0/0/0.0.

Answer: D

#### NEW QUESTION 42

Exhibit

```
[edit]
user@switch# show interfaces ge-0/0/1
native-vlan-id 20;
unit 0 {
    family ethernet-switching {
        interface-mode trunk;
        vlan {
            members [ 10 20 ];
        }
    }
}
```

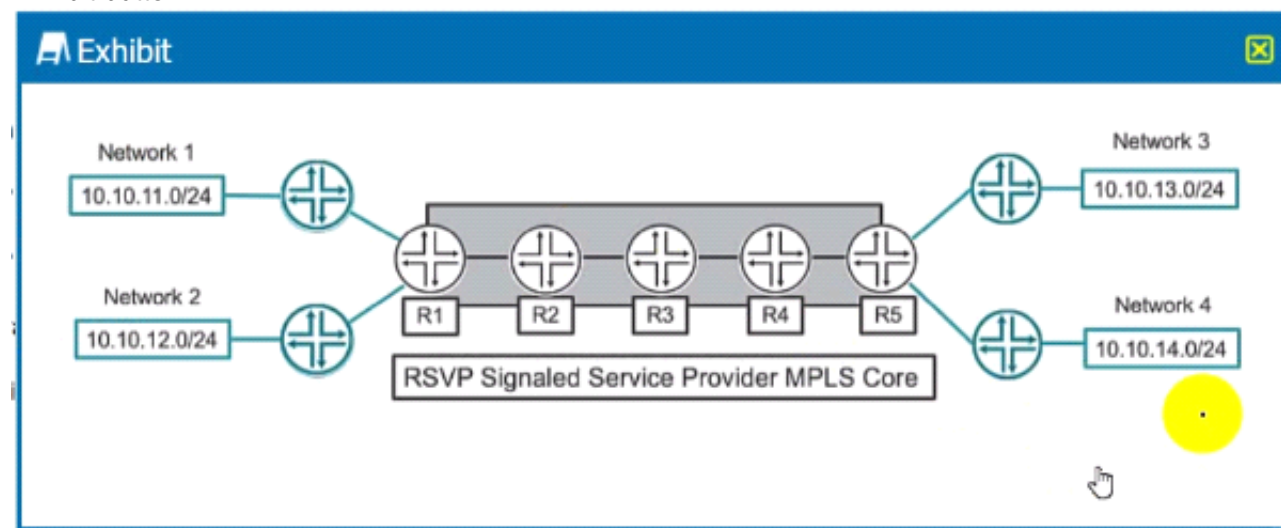
Referring to the exhibit, what will happen to untagged frames?

- A. The untagged frames are dropped.
- B. The untagged frames are load balanced between VLAN 10 and VLAN 20.
- C. The untagged frames are associated with VLAN 10.
- D. The untagged frames are associated with VLAN 20.

Answer: A

#### NEW QUESTION 44

Exhibit button



Which two statements are correct about the service provider MPLS network shown in the exhibit? (Choose two.)

- A. R3 will perform a label pop operation on the transport MPLS label.
- B. Traffic from Network 1 to Network 3 and traffic from Network 1 to Network 4 each need their own unique label-switched path.
- C. Traffic from Network 1 to Network 3 and from Network 1 to Network 4 can share the same label-switched path.
- D. R3 will perform a label swap operation on the transport MPLS label.

Answer: AD

#### NEW QUESTION 46

You are deploying link aggregation groups.

- A. By default, what are two considerations in this scenario? (Choose two.)
- B. There should only be four member links per LAG.
- C. All the ports must have the same speed.
- D. Member links are required to be contiguous ports.
- E. Member links can reside on different members within an MC-LAG.

Answer: BD

#### NEW QUESTION 48

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