

JN0-349^{Q&As}

Enterprise Routing and Switching - Specialist (JNCIS-ENT)

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QUESTION 1

Click the Exhibit button.

```
{master:0} [edit protocols rstp]
user@Switch-1# show
bridge-priority 32k;
interface ge-0/0/1 {
    priority 128;
    cost 20000;
}
interface ge-0/0/8 {
    priority 128;
    cost 20000;
}
{master:0} [edit protocols rstp]
user@Switch-2# show
bridge-priority 32k;
interface ge-0/0/1 {
    priority 16;
    cost 20000;
}
interface ge-0/0/10 {
    priority 16;
    cost 20000;
}
{master:0} [edit protocols rstp]
user@Switch-3# show
bridge-priority 32k;
interface ge-0/0/8 {
    priority 16;
    cost 20000;
}
interface ge-0/0/10 {
    priority 16;
    cost 20000;
}
}
```

You are responsible for managing a Layer 2 network using RSTP for loop prevention. You recently committed the configurations shown in the exhibit. Unfortunately, Switch-2 became the root bridge and you must ensure that Switch-1 becomes the root bridge, when available, for this RSTP topology.

Referring to the exhibit, which configuration change should be performed?

- A. Configure the ge-0/0/1 and ge-0/0/8 interfaces on Switch-1 to have a priority of 255.
- B. Configure the system MAC on Switch-1 to be higher than the other two switches.
- C. Configure the bridge-priority on Switch-1 as 4k.
- D. Configure the ge-0/0/1 and ge-0/0/8 interfaces on Switch-1 to have a cost of 0.

Correct Answer: D

QUESTION 2

What are two functions of bridging? (Choose two.)

- A. blocking
- B. aging
- C. listening
- D. forwarding

Correct Answer: CD

QUESTION 3

You are a service provider and have multiple customers in a building.

You are installing a new switch that can host all of your customers. However, you would like to ensure that one customer cannot see or broadcast to another customer.

You would also like to have them use a common gateway IP address from the building.

What should be used to provide this access?

- A. VLAN
- B. private VLAN
- C. filter-based VLAN
- D. Layer 2 tunneling

Correct Answer: B

QUESTION 4

Which two statements about the default load-balancing behavior for the Junos OS are correct? (Choose two.)

- A. By default, the Junos OS performs a per-packet load-balancing operation.

- B. By default, the Junos OS installs multiple equal-cost next hops in the forwarding table for a destination prefix.
- C. By default, the Junos OS selects one of the equal-cost next hops for received destination prefixes.
- D. By default, all Packet Forwarding Engine slots are assigned the same hash value on the Junos device.

Correct Answer: CD

QUESTION 5

What is the default route preference for BGP?

- A. 150
- B. 167
- C. 170
- D. 179

Correct Answer: C

QUESTION 6

A BGP session shows the state as active.

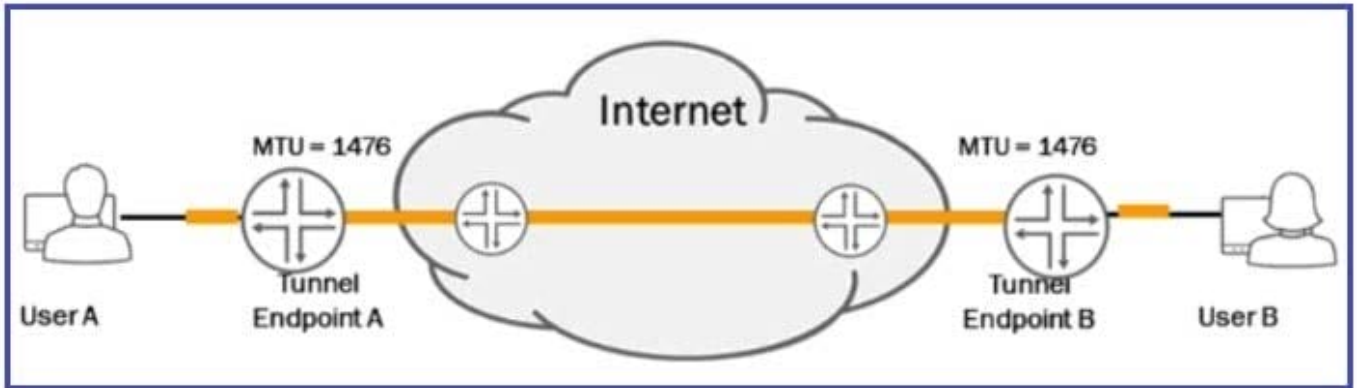
What does the state indicate in this scenario?

- A. A keepalive message has been received.
- B. The BGP session is fully established and routes are being passed.
- C. The TCP connection is successful, and BGP is waiting for the OPEN message from its peer.
- D. The routes are still trying to establish a TCP connection.

Correct Answer: D

QUESTION 7

Click the Exhibit button.



You have created a GRE tunnel as shown in the exhibit. The router with tunnel endpoint A is dropping the packets originating from User A and destined to User B.

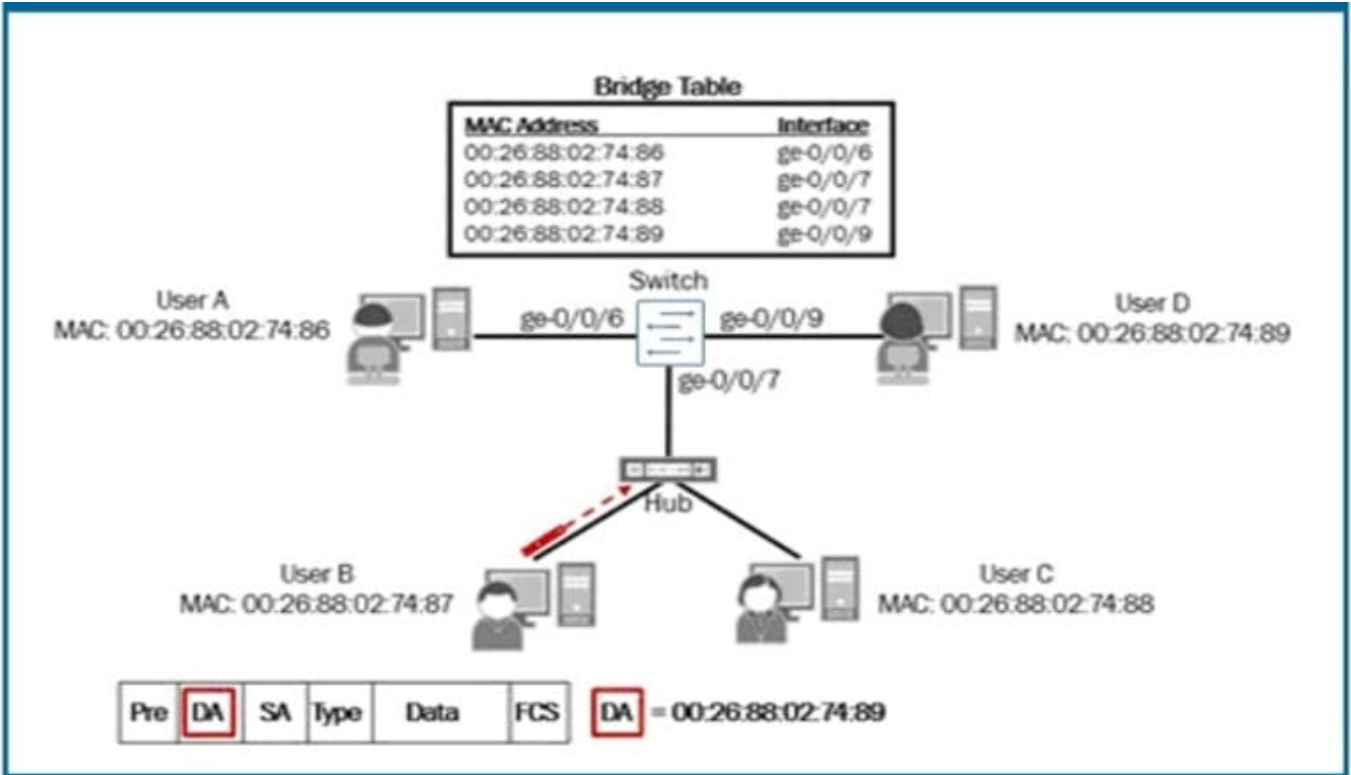
What would cause this problem?

- A. Endpoint A has the internet-options gre-path-mtu-discovery parameter enabled.
- B. User A requested fragmentation and Endpoint A has the clear-dont-fragment-bit parameter enabled.
- C. Endpoint A is missing a policy statement that allows User A's traffic into the tunnel.
- D. User A is sending maximum size default Ethernet frames with the DF bit enabled.

Correct Answer: D

QUESTION 8

Referring to the exhibit, which devices will receive the packet sent by User B?



- A. User A and User D
- B. User C and User D
- C. User C
- D. User C, User A, and User D

Correct Answer: B

QUESTION 9

Exhibit.

```
[edit]
user@Router-1# show interfaces
ge-0/0/0 {
  unit 0 {
    family inet {
      address 10.10.10.33/24;
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family inet {
      address 10.1.0.254/24;
    }
    family iso {
      address 49.0003.0192.0168.0113.00;
    }
  }
}
lo0 {
  unit 0 {
    family inet {
      address 192.168.1.11/32;
    }
    family iso {
      address 49.0002.0192.0168.0111.00;
    }
  }
}

[edit]
user@Router-1# show protocols
isis {
  overload;
  level 2 disable;
  interface all;
}
ge-0/0/0 {
  unit 0 {
    family inet {
      address 10.10.10.34/24;
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family inet {
      address 10.1.0.1/16;
    }
    family iso;
  }
}
lo0 {
  unit 0 {
    family inet {
      address 192.168.1.12/32;
    }
    family iso {
      address 49.0001.0192.0168.0112.00;
    }
  }
}

[edit]
user@Router-2# show protocols
isis {
  interface all;
}
```

Referring to the exhibit, Router-1 and Router-2 are failing to form an IS-IS adjacency. What should you do to solve the problem?

- A. Remove the overloaded statement from Router-1.
- B. Change the IP subnet masks to match on the ge-0/0/2 interfaces of both routers.
- C. Remove the ISO address from ge-0/0/2 on Router-1.
- D. Change the ISO areas on the lo0 interfaces to match on both routers.

Correct Answer: B

QUESTION 10

Which statement about persistent MAC learning is correct?

- A. Trunk ports require MAC addresses to be configured on each VLAN.
- B. Port moves require manual operator intervention.
- C. Access ports must be configured with the no-mac-learning command.
- D. 802.1X must be configured on the port for persistent MAC learning to work.

Correct Answer: B

QUESTION 11

What are two Layer 2 firewall filter types? (Choose two.)

- A. port-based
- B. packet-based
- C. flow-based
- D. VLAN-based

Correct Answer: AD

QUESTION 12

Which statement describes GRES?

- A. GRES requires NSR to function properly.
- B. GRES provides routing loop protection.
- C. GRES provides hardware-level high availability.

D. GRES rapidly detects link failures.

Correct Answer: A

QUESTION 13

By default, how long will a learned MAC address be retained in the bridge table on an EX Series switch?

- A. 600 seconds
- B. 3600 seconds
- C. 300 seconds
- D. 1800 seconds

Correct Answer: C

QUESTION 14

Click the Exhibit button.

```
{master:0}
user@switch> show spanning-tree bridge
STP bridge parameters
Context ID                : 0
Enabled protocol          : RSTP
  Root ID                  : 8192.50:c5:8d:ae:db:41
  Root cost                 : 40000
  Root port                 : ge-0/0/14.0
  Hello time                : 2 seconds
  Maximum age               : 40 seconds
  Forward delay             : 30 seconds
  Message age               : 4
  Number of topology changes : 1
  Time since last topology changes : 64 seconds
  Topology change initiator : ge-0/0/14.0
  Topology change last recvd. from : 2c:6b:f5:31:06:0e
Local parameters
  Bridge ID                 : 32768.50:c5:8d:ae:bd:41
  Extended system ID        : 0
  Internal instance ID      : 0
```

Referring to the exhibit, which statement is correct?

- A. The device is the root bridge?

- B. The spanning tree session has timed out.
- C. The local bridge priority is set to 8k.
- D. The bridge priority on the root device is set to 8k.

Correct Answer: D

QUESTION 15

You were provided a network diagram that told you to number your network from the 191.255.0.0/16 space. OSPF is enabled and adjacencies are up, but no routers are learning any routes. What can explain this?

- A. The default OSPF export policies advertise nothing, so you need to apply export policy
- B. The default OSPF import policy rejects all OSPF routes, so you need to apply import policy
- C. You need to modify the martian table with a 191.255.0.0/16 accept statement
- D. You need to enable OSPF on the lo0 interface to provide a route to the RID of each router in the network

Correct Answer: C

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