



# JN0-343<sup>Q&As</sup>

Juniper Networks Certified Internet Specialist (JNCIS-ENT)

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## QUESTION 1

```
Device S1:
interfaces {
  ge-0/0/0 {
    ether-options {
      802.3ad ae0;
    }
  }
  ge-0/0/1 {
    ether-options {
      802.3ad ae0;
    }
  }
  ae0 {
    aggregated-ether-options {
      lacp;
    }
    unit 0 {
      port-mode trunk;
      vlan {
        members all;
      }
    }
  }
}
}

Device S2:
interfaces {
  ge-0/0/0 {
    ether-options {
      802.3ad ae0;
    }
  }
  ge-1/0/20 {
    ether-options {
      802.3ad ae0;
    }
  }
  ae0 {
    aggregated-ether-options {
      loop;
    }
    unit 0 {
      port-mode trunk;
      vlan {
        members [ 2 5 15 ];
      }
    }
  }
}
}
```

Devices S1 and S2 have the interface configurations as shown in the exhibit. You attach ge-0/0/0 on S1 to ge-0/0/0 on S2. You attach ge-0/0/1 on S1 to ge-1/0/20 on S2. However, the ae0 interface remains down on both S1 and S2. What should you change to cause the ae0 interface to come up?

- A. You should use consecutive interfaces on S2.
- B. You should use interfaces on S2 that are on the same member of the Virtual Chassis.
- C. You should configure at least one switch to run LACP in active mode.
- D. You should make the list of VLANs on the ae0 interfaces on S1 and S2 match.

Correct Answer: C

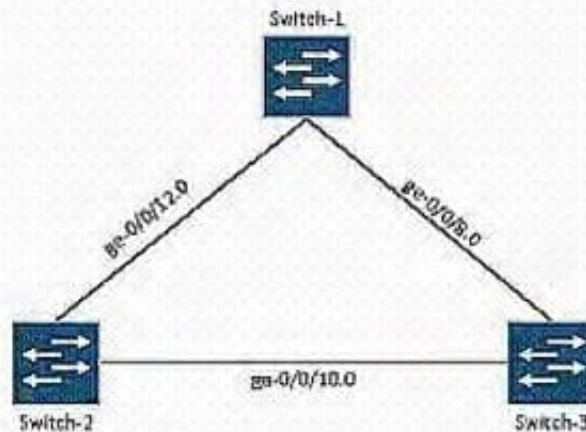
## QUESTION 2



```
[master:0][edit protocols rstp]
user@switch-1# show
bridge-priority 8k;
interface ge-0/0/8.0 {
  priority 128;
  cost 200000;
}
interface ge-0/0/12.0 {
  priority 128;
  cost 200000;
}
```

```
[master:0][edit protocols rstp]
user@switch-2# show
bridge-priority 4k;
interface ge-0/0/10.0 {
  priority 128;
  cost 200000;
}
interface ge-0/0/12.0 {
  priority 16;
  cost 20000;
}
```

```
[master:0][edit protocols rstp]
user@switch-3# show
bridge-priority 16k;
interface ge-0/0/8.0 {
  priority 16;
  cost 1;
}
interface ge-0/0/10.0 {
  priority 16;
  cost 200;
}
```



Based on the topology and configurations shown in the exhibit, which two statements are true? (Choose two.)

- A. Switch-2's ge-0/0/12.0 interface will assume the designated port role.
- B. Switch-1's ge-0/0/8.0 interface will assume the designated port role.
- C. Switch-1's ge-0/0/12.0 interface will assume the designated port role.
- D. Switch-3's ge-0/0/8.0 interface will assume the designated port role.

Correct Answer: AD

### QUESTION 3

-- Exhibit -

```
user@router> show ospf database
```

```
OSPF database, Area 0.0.0.0
```

```
Type ID Adv Rtr Seq Age Opt Cksum Len
```

```
Router 5.5.5.5 5.5.5.5 0x80000007 471 0x22 0x180 60
```

```
Router *66.129.12.2 66.129.12.2 0x80000010 470 0x22 0xeb7 48 Network *66.129.12.2 66.129.12.2 0x80000006 470
```



0x22 0x248 32 Network \*172.16.12.110 66.129.12.2 0x80000009 470 0x22 0xcb7 32 OpaqArea 1.0.0.1 5.5.5.5 0x80000003 471 0x22 0x3cc 28 -- Exhibit -Referring to the exhibit, which two statements are true? (Choose two.)

- A. The local router has OSPF traffic engineering enabled.
- B. The local router is originating two database entries.
- C. The local router is originating three database entries.
- D. The local router has OSPF traffic engineering disabled.

Correct Answer: CD

---

#### QUESTION 4

Which two statements are true about the root bridge election process? (Choose two.)

- A. The highest root bridge identifier is preferred over lower root bridge identifiers.
- B. The lowest root bridge priority is preferred over higher root bridge priorities.
- C. The lowest root bridge identifier is preferred over higher root bridge identifiers.
- D. The higher root bridge priority is preferred over lower root bridge priorities.

Correct Answer: BC

---

#### QUESTION 5

What is a benefit of the 802.3ad standard?

- A. loop detection
- B. security
- C. higher bandwidth
- D. strict queuing

Correct Answer: C

---

#### QUESTION 6

Referring to the exhibit, Router-1 is receiving BGP routes from Router-2. These BGP routes should be passed from Router-1 to Router-3. However, the 172.16.20.4/30 route is not being passed on to Router-3.



```
Exhibit
user@Router-1> show route receive-protocol bgp 10.1.0.1

inet.0: 13 destinations, 15 routes (13 active, 0 holddown, 1 hidden)
  Prefix                Nexthop          MED      Lclpref   AS path
  172.16.20.4/30        10.1.0.1
  * 172.16.20.8/30      10.1.0.1         2 I
  * 172.16.20.12/30     10.1.0.1         2 I
  * 172.16.20.16/30     10.1.0.1         2 I

iso.0: 2 destinations, 2 routes (2 active, 0 holddown, 0 hidden)

user@Router-1> show route advertising-protocol bgp 192.168.50.50

inet.0: 13 destinations, 15 routes (13 active, 0 holddown, 1 hidden)
  Prefix                Nexthop          MED      Lclpref   AS path
  * 172.16.20.8/30      Self              100
  * 172.16.20.12/30     Self              100
  * 172.16.20.16/30     Self              100

user@Router-1> show route protocol bgp

inet.0: 13 destinations, 15 routes (13 active, 0 holddown, 1 hidden)
+ = Active Route, - = Last Active, * = Both

172.16.20.4/30          [BGP/150] 00:03:25, localpref 100
                        AS path: 2 I
                        > to 10.1.0.1 via ge-0/0/2.0
172.16.20.8/30          * [BGP/150] 00:03:25, localpref 100
```

Why is this problem occurring?

- A. The 172.16.20.4/30 route has an unusable next hop on Router-1.
- B. The keep-all statement is not configured on Router-3.
- C. The import policy on Router-3 is configured incorrectly.
- D. The 172.16.20.4/30 route is not active on Router-1.

Correct Answer: D

### QUESTION 7

Your network consists of three OSPF routers as shown below:

R1 -- R2 -- R3

You run the show ospf neighbor command on R2. The output shows no data in the output for OSPF neighbors.

Which three actions will troubleshoot the adjacency problem for Router R2? (Choose three.)

- A. Verify the physical and data link layer connectivity on Routers R1, R2, and R3.
- B. Look for incorrect settings for MTU on Routers R1 and R3.
- C. Look for mismatched configurations on Routers R1, R2, and R3 for IP subnet/mask, area number, and area type.



D. Verify Router R1 and R3 to see if they are stuck in 2-way state.

E. Look for mismatched configurations on Routers R1, R2, and R3 for authentication, hello/dead interval, and network type.

Correct Answer: ACE

### QUESTION 8

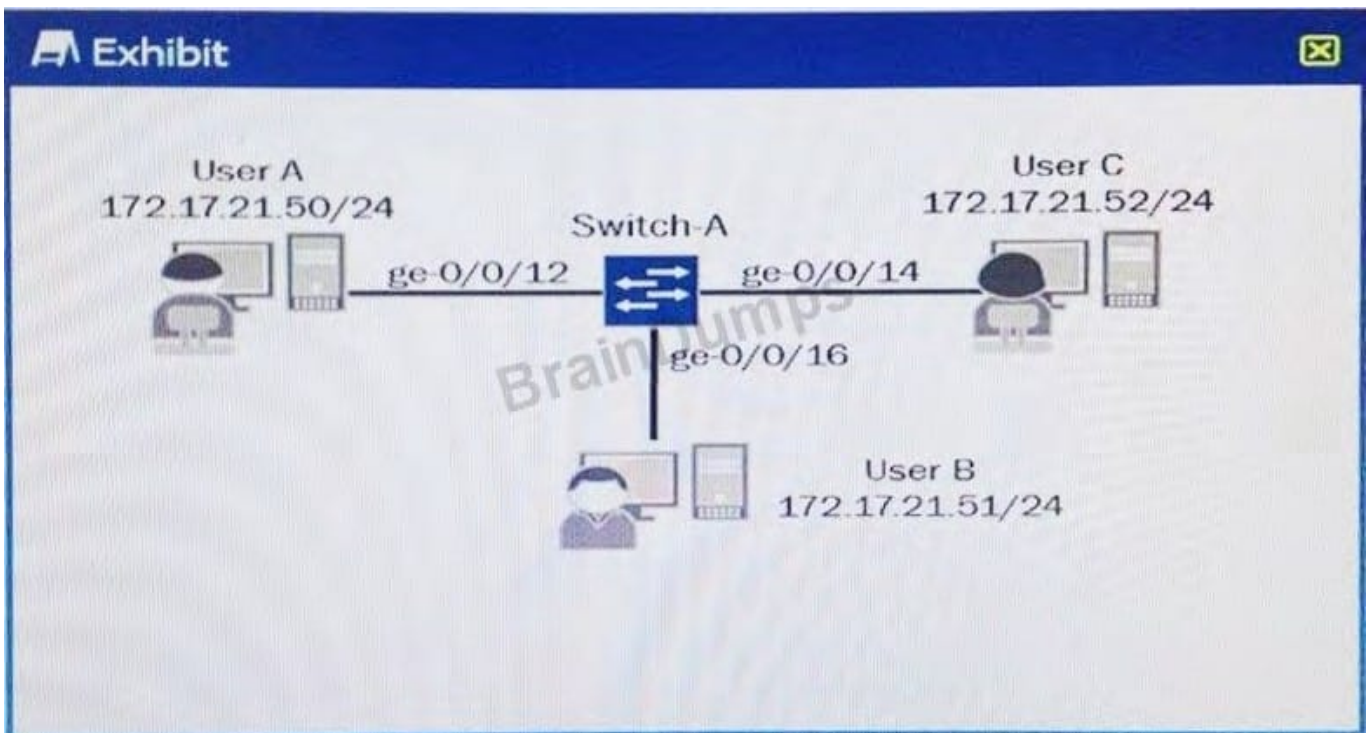
Which command is used to confirm the status of a tunnel interface?

- A. show tunnel interface gr-0/0/0
- B. show tunnels
- C. show interfaces gr-0/0/0 detail
- D. show interfaces tunnel detail

Correct Answer: C

### QUESTION 9

In the exhibit, each IP subnet in the campus environment is associated with a unique VLAN ID. Which action will ensure that Host C will communicate with Host A and Host B?



- A. Configure all switch ports connecting to the host devices as access ports associated with a common VLAN.
- B. Configure a routed VLAN interface for each VLAN and associate it with its corresponding VLAN.



- C. Configure a port-based ACL that permits inter-VLAN routing for all configured VLANs
- D. Configure all switch ports connecting to the host devices as trunk ports associated with all VLANs.

Correct Answer: A

### QUESTION 10

Referring to the exhibit, what does the asterisk (\*) following the ge-0/0/12.0 interface indicate?

```
{master:0}
user@switch> show vlans
Name          Tag      Interfaces
default
              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, ge-
0/0/6.0*, ge-0/0/7.0*,
              ge-0/0/10.0*, ge-0/0/11.0*,
ge-0/0/13.0*, ge-0/0/14.0*,
              ge-0/0/15.0*, ge-0/0/16.0,
ge-0/0/17.0, ge-0/0/18.0,
              ge-0/0/19.0, ge-0/0/20.0,
ge-0/0/21.0, ge-0/0/22.0,
              ge-0/0/23.0, xe-0/1/0.0
v100          100     ge-0/0/8.0, ge-0/0/12.0*
v200          200     ge-0/0/9.0, ge-0/0/12.0*
```

- A. It indicates the interface is active.
- B. It indicates the interface is not active.
- C. It indicates the interface is a trunk port.
- D. It indicates the interface is an access port.

Correct Answer: A

### QUESTION 11



What are two types of PVLAN broadcast domains? (Choose two).

- A. primary VLAN
- B. community VLAN
- C. broadcast VLAN
- D. trunk VLAN

Correct Answer: AB

---

#### QUESTION 12

A new BGP session has been configured. Upon monitoring the session state, you notice that the session has just transitioned from connect state to active state. What does the active state indicate for this BGP session?

- A. Something is wrong with your configuration. You must check your configuration and try again.
- B. This is the expected behavior. You should wait longer for the BGP session to establish.
- C. The OPEN messages collided. One BGP peer must be configured with the passive option.
- D. No route exists to the neighbors peering address. Check the IGP for reachability.

Correct Answer: B

---

#### QUESTION 13

Which BGP configuration option is required when peering with an IBGP neighbor using loopback addresses?

- A. local-address
- B. local-interface
- C. update-source D. source-address

Correct Answer: A

---

#### QUESTION 14

Given that ge-0/1/1 is set up as a trunk port, which command set will NOT successfully set the trunk to carry VLANs 10 and 11?

- A. set interfaces ge-0/1/1.0 family ethernet-switching vlan members [Vlan10 Vlan11]
- B. set interfaces ge-0/1/1.0 family ethernet-switching vlan members Vlan10 members Vlan11
- C. set interfaces ge-0/1/1.0 family ethernet-switching vlan members Vlan10,Vlan11
- D. set interfaces ge-0/1/1.0 family ethernet-switching vlan members Vlan10set interfaces ge-0/1/1.0 family ethernet-





switching vlan members Vlan11

Correct Answer: C

---

#### QUESTION 15

You review the current LSA database and you suspect that your LSA database contains stale or invalid database entries. You need to verify that your router is receiving LSAs from other routers in your network.

Which action would you take to correct this problem?

- A. Purge the LSDB.
- B. Increase the max-age attribute for the LSDB.
- C. Decrease the max-age attribute for the LSDB.
- D. Disable and enable the interfaces.

Correct Answer: A

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