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Exam : **JN0-346**

Title : Enterprise Routing and
Switching, Specialist
(JNCIS-ENT)

Version : Demo

1.What are three RSTP port states? (Choose three.)

- A. learning
- B. forwarding
- C. listening
- D. blocking
- E. discarding

Answer: A,B,E

Explanation:

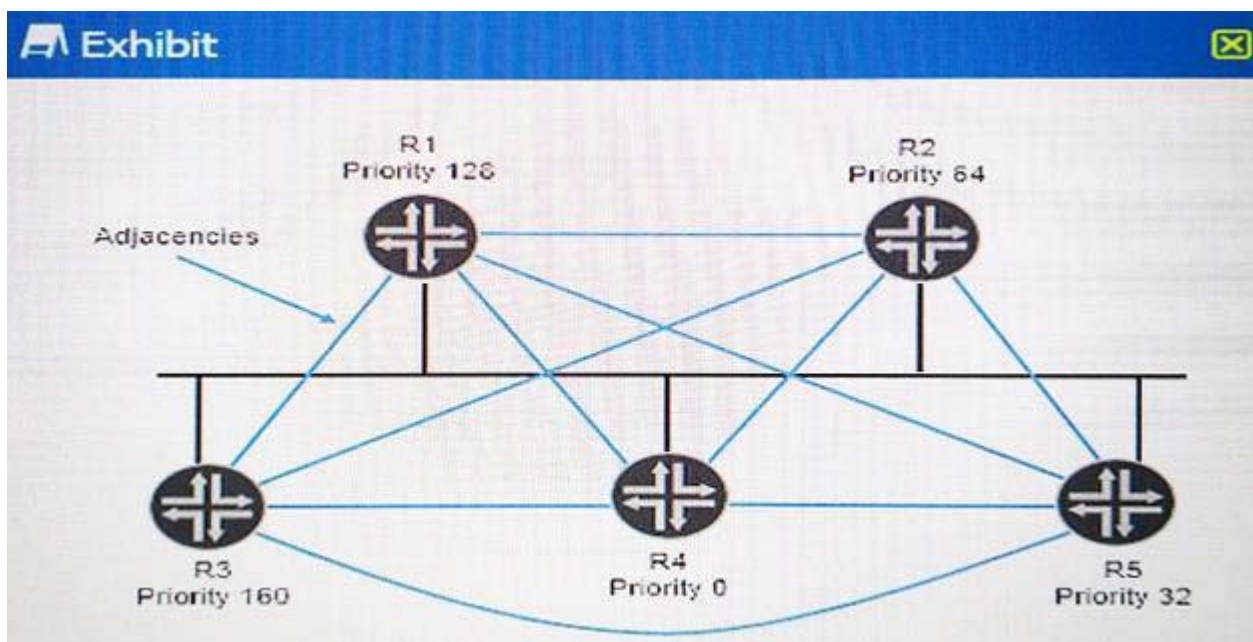
Port States in STP and RSTP

References:

https://www.juniper.net/documentation/en_US/junos12.3/topics/concept/mx-series-rstp-port-states-roles.html

| STP (IEEE 802.1D) | RSTP (IEEE 802.1w) |
|-------------------|--------------------|
| Disabled | Discarding |
| Blocking | Discarding |
| Listening | Discarding |
| Learning | Learning |
| Forwarding | Forwarding |

2.Click the Exhibit button.



Referring to the exhibit, which router will be selected as the DR?

- A. R1
- B. R5
- C. R4
- D. R3

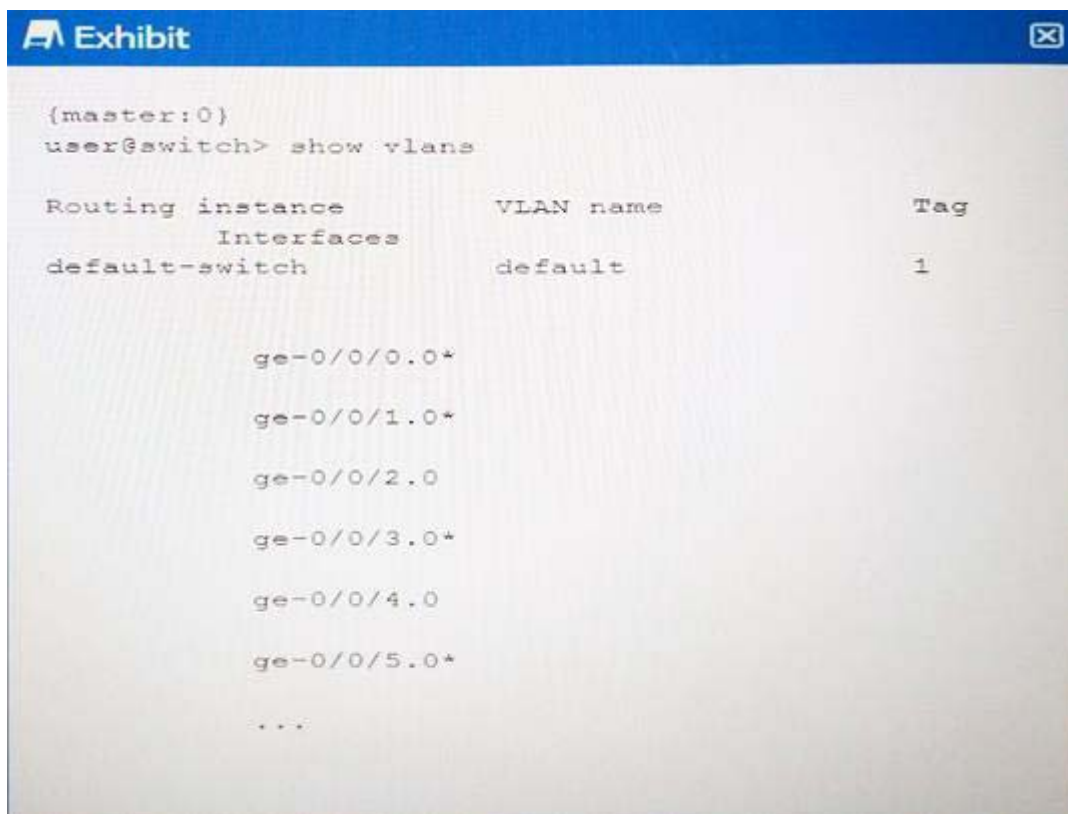
Answer: D

Explanation:

Note: The higher the priority value, the greater likelihood the routing device will become the designated router. By default, routing devices have a priority of 128. A priority of 0 marks the routing device as ineligible to become the designated router. A priority of 1 means the routing device has the least chance of becoming a designated router. A priority of 255 means the routing device is always the designated router.

References: https://www.juniper.net/documentation/en_US/junos16.1/topics/concept/ospf-routing-designated-router-overview.html

3. Click the Exhibit button.



```
{master:0}
user@switch> show vlans

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*
    ...
```

Referring to the exhibit, what does the asterisk (*) following the ge-0/0/5.0 interface indicate?

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

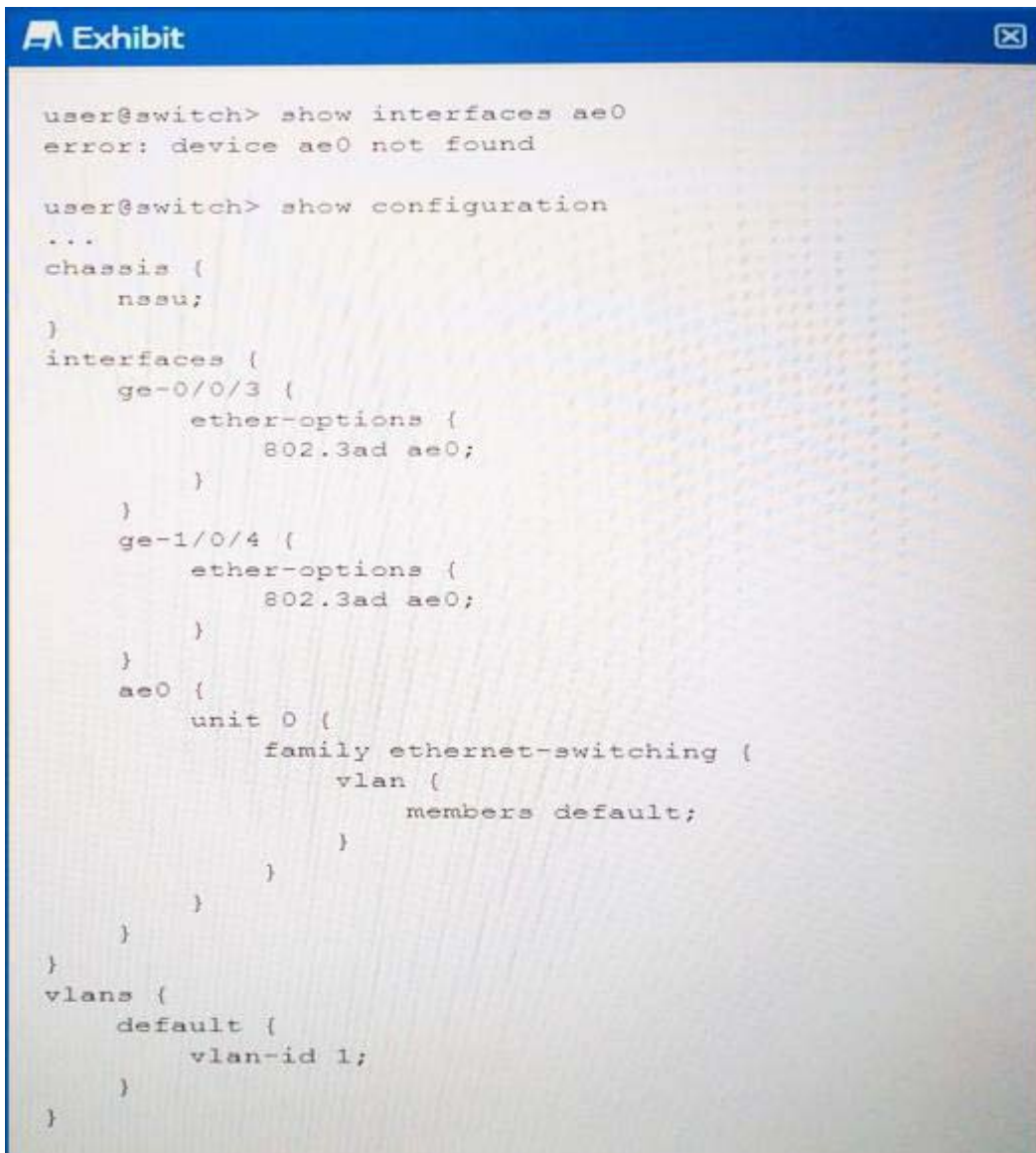
Answer: D

Explanation:

An asterisk (*) beside the interface indicates that the interface is UP.

References: http://www.juniper.net/documentation/en_US/junos14.1/topics/reference/command-summary/show-vlans-bridging-qfx-series.html

4. Click the Exhibit button.



```
user@switch> show interfaces ae0
error: device ae0 not found

user@switch> show configuration
...
chassis {
  nssu;
}
interfaces {
  ge-0/0/3 {
    ether-options {
      802.3ad ae0;
    }
  }
  ge-1/0/4 {
    ether-options {
      802.3ad ae0;
    }
  }
  ae0 {
    unit 0 {
      family ethernet-switching {
        vlan {
          members default;
        }
      }
    }
  }
}
vlans {
  default {
    vlan-id 1;
  }
}
```

Referring to the exhibit, what is the problem?

- A. LAG requires more than two member links.
- B. LACP is required for LAG to work.
- C. Aggregated interfaces must be defined under the chassis stanza.
- D. The LAG member interfaces are configured across different line cards.

Answer: C

Explanation:

Use the link aggregation feature to aggregate one or more links to form a virtual link or link aggregation group (LAG). To configure aggregated Ethernet interfaces, using the CLI:

5. Which two statements about RSTP are correct? (Choose two.)

- A. RSTP is not backwards compatible with STP.

- B. RSTP is backwards compatible with STP.
- C. RSTP permits multiple root bridges within a Layer 2 domain.
- D. RSTP permits only a single root bridge within a Layer 2 domain.

Answer: B,C

Explanation:

B: RSTP and STP can co-exist. RSTP achieves its rapid converges over STP through new mechanisms. If a RSTP switch connects to an STP switch, the RSTP switch will drop down to STP convergence speeds on a per-port basis. C: Unlike 802.1d (STP), 802.1w (RSTP) uses Hello packets between bridges to maintain link states and does not rely on the root bridge. References:

https://www.juniper.net/documentation/en_US/junos12.3/topics/concept/mx-series-rstp-port-states-roles.html

<http://www.ciscopress.com/articles/article.asp?p=474236&seqNum=3>