

JN0-643^{Q&As}

Enterprise Routing and Switching, Professional (JNCIP-ENT)

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QUESTION 1

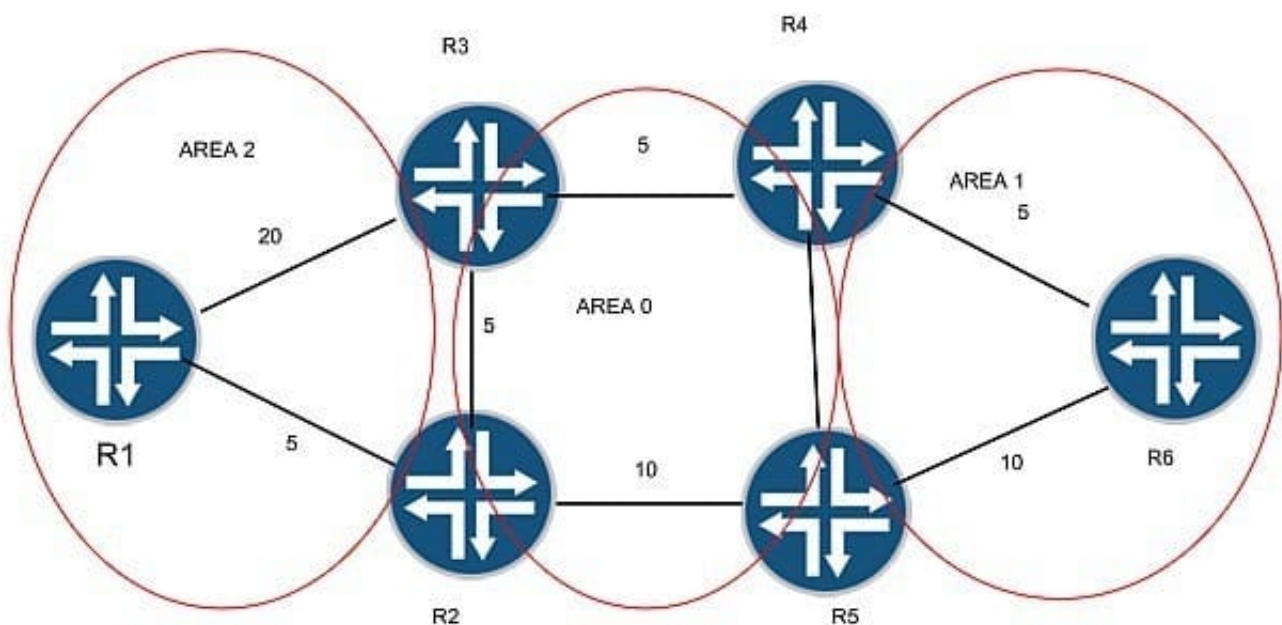
Which statement is true regarding OSPF multi-area adjacencies?

- A. A type 3 (stub) link is advertised for a multi-area adjacency.
- B. Configuring a multi-area adjacency allows the corresponding link to be considered an interarea link, so it will be less preferred over an intra-area link.
- C. One logical interface will be a primary link, and the other configured as a secondary link; the secondary link will be established as an unnumbered point-to-point interface.
- D. A DR and a BDR will be elected over the secondary interface, because it is not point-to-point.

Correct Answer: C

QUESTION 2

-- Exhibit -- Exhibit -



Click the Exhibit button.

Based on the SPF calculation in the exhibit, what is the shortest path to reach R3 from R1?

- A. R2-R3
- B. R2-R5-R4
- C. R3
- D. R2-R4

Correct Answer: C

QUESTION 3

-- Exhibit -[edit]

```
user@switch# commit
```

error: Trunk interface can not be member of both dot1q-tunneling enabled vlan , and a non dot1q-tunneled vlan when dot1q-tunneling ethernet-type is not error: configuration check-out failed

-- Exhibit -

Click the Exhibit button.

When you try to commit your 802.1Q tunneling configuration, you receive the error shown in the exhibit.

Which configuration statement will allow the configuration to commit?

- A. set vlans cust-1 interface ge-0/0/10 egress
- B. set interfaces ge-0/0/10 ether-options mdi-mode auto
- C. set vlans v11 dot1q-tunneling customer-vlans native
- D. set ethernet-switching-options dot1q-tunneling ether-type 0x8100

Correct Answer: D

QUESTION 4

You are working with a new MPLS network that is using the default EXP classifier and default schedules. A small amount of traffic is being placed in the assured forwarding class. No other traffic is passing through the network at this time. In this scenario, what happens to the traffic that is being placed in the assured forwarding class?

- A. The traffic is reclassified to the best effort forwarding class and is forwarded.
- B. The traffic remains in the assured forwarding class and is forwarded.
- C. The traffic is reclassified to the network control forwarding class and is forwarded.
- D. The traffic remains in the assured forwarding class and is dropped.

Correct Answer: B

QUESTION 5

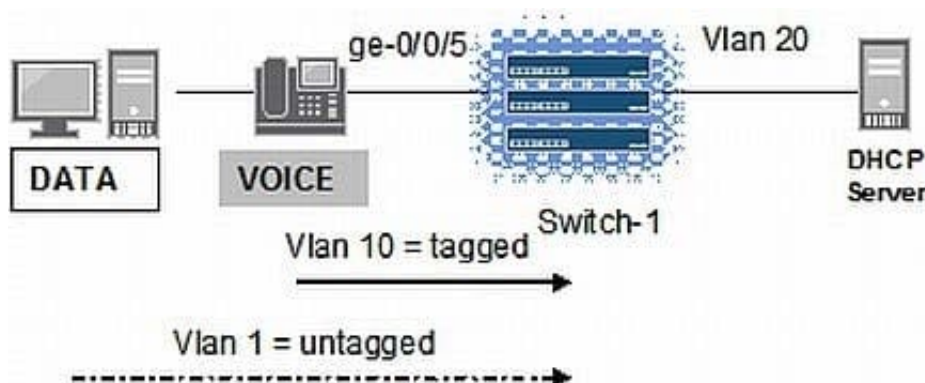
Which multicast group is used for all PIM routers?

- A. 224.0.0.22
- B. 224.0.0.13
- C. 224.0.0.1
- D. 224.0.0.2

Correct Answer: B

QUESTION 6

-- Exhibit



-- Exhibit -Click the Exhibit button.

As shown in the exhibit, a legacy IP phone is attached to Switch-1. The phone does not support LLDP- MED, but does allow configuration using DHCP. Existing network CoS policies dictate that VoIP traffic must use VLAN 10.

Which two actions put VoIP traffic onto VLAN 10? (Choose two.)

- A. Configure protocols cdp on Switch-1.
- B. Manually configure the voice VLAN on the IP phone.
- C. Configure vlan 1 under forwarding-options bootp.
- D. Configure interface ge-0/0/5 under forwarding-options bootp.

Correct Answer: BD

QUESTION 7

R1 and R2 are ASBRs in the same area, each with an equal cost external path to the same external network prefix. R1 advertises an external route into OSPF with a Type 1 metric. R2 advertises an external route into OSPF with a Type 2 metric.

Which route would be preferred?

- A. R1's route is preferred because Type 1 metrics take into account the external cost only.

B. R1's route is preferred because Type 1 metrics take into account the internal and external cost.

C. R2's route is preferred because Type 2 metrics take into account the internal and external cost.

D. R2's route is preferred because Type 2 metrics take into account the external cost only.

Correct Answer: D

QUESTION 8

A non-802.1X printer is connected to ge-0/0/0 on an EX Series switch.

Which configuration statement will authenticate the device against an authentication server?

A. set protocols dot1x authenticator static 22:22:22:22:22:22 interface ge-0/0/0

B. set protocols dot1x authenticator interface ge-0/0/0 supplicant single

C. set protocols dot1x authenticator interface ge-0/0/0 mac-radius restrict

D. set protocols dot1x authenticator interface ge-0/0/0 disable

Correct Answer: C

QUESTION 9

When using port authentication on a juniper switch, which two statements are true? (Choose two)

A. the switch can be configured to allow 802.1x authenticating and MAC based radius authenticated on the same port at the same time

B. the switch can allow 802.1x authentication and MAC based authentication, but cannot do both on the same point

C. End clients must have an 802.1x supplicant installed to authenticate to the network

D. Clients can be authenticated by using their MAC address and a central radius database

Correct Answer: BD

QUESTION 10

Which three statements are correct about the PIM output shown in the exhibit (Choose three)?

```

user@ R1> show pim join extensive sg
Instance: PIM.master Family: INET
R = Rendezvous Point Tree, S = Sparse, W = Wildcard
Group: 224.123.123.123
  Source: 192.168.220.10
  Flags: sparse, spt
  Upstream interface: ge-0/0/25.0
  Upstream neighbor: 192.168.35.2
  Upstream state: None, Local RP, Join to Source
  Keepalive timeout: 248
  Downstream neighbors:
    Interface: ge-0/0/10.0
      192.168.20.1 State: Join Flags: S Timeout: 192
  
```

- A. R1 has the shortest path tree connection to the multicast source
- B. The join request path me from the client at 192 168 35 2
- C. The RP is upstream from R1
- D. RP is the RP
- E. The multicast stream is flowing out of R1 THROUGH interface ge 0/0/10 0

Correct Answer: ADE

QUESTION 11

Your company has EBGP peering sessions to multiple service providers. Your BGP route table contains a large number of routes with prefixes with 30 lengths. The service provider you are peering with require any advertised routes to be no longer than 24. In this scenario which 2 solution meet the service provider requirement? (Choose two)

- A. Configure a prefix list that contains all of the more specific routes
- B. configure an aggregate route that contains of the more specific routes
- C. configure a route policy that restricts all of the more specific routes. And advertise only the aggregate route
- D. Configure a firewall filter that restricts all of the more specific routes, and advertise only the prefix list

Correct Answer: BC

QUESTION 12

Which two statements are correct about MSTP? (Choose two.)

- A. It allows you to preprovision VLAN IDs to spanning tree instances.

- B. It provides a more scalable solution than VSTP.
- C. It is not supported when using MVRP.
- D. It allows you to use VLAN groups to simplify configuration tasks when groups of VLANs use the same parameters.

Correct Answer: AB

QUESTION 13

You just configured an interface as an access port and it is up and passing traffic. However, you notice that all traffic transiting this interface is being classified as best effort.

Which default BA classifier is causing this behavior?

- A. ieee8021p-default
- B. ieee8021p-untrust
- C. dscp-default
- D. dscp-ipv6-default

Correct Answer: B

QUESTION 14

You want to deploy MSTP with multiple regions. Each region should have a unique root bridge to accommodate a set of VLANs. Which three configuration elements must watch on switches participating in this deployment scenario? (Choose three)

- A. MSTI toVLAN mapping
- B. revision level
- C. CST BPDU parameters
- D. configuration name
- E. bridge priority

Correct Answer: ABD

QUESTION 15

You must prioritize VoIP packets on your network.

Which feature will accomplish this goal?

- A. RSVP
- B. Multicast Routing
- C. VPLS
- D. Class of Service

Correct Answer: C

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