

Juniper

Exam JN0-343

Juniper Networks Certified Internet Specialist (JNCIS-ENT)

Version: 11.0

[Total Questions: 563]

Topic break down

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Topic 1, Volume A**Question No : 1 - (Topic 1)**

Which two fields in an OSPF hello packet must match before OSPF neighbors can form an adjacency? (Choose two.)

- A. dead interval
- B. neighbor
- C. options
- D. router priority

Answer: A,C

Question No : 2 - (Topic 1)

What is the default value of the link-state advertisement (LSA) refresh timer in the Junos OS?

- A. 10 minutes
- B. 30 minutes
- C. 50 minutes
- D. 60 minutes

Answer: C

Question No : 3 - (Topic 1)

Which configuration summarizes external routes in the 172.16.0.0/22 range into a single prefix on an ABR for Area 1?

```
A. protocols {  
  ospf {  
    area 0.0.0.1 {  
      nssa {  
        default-lsa {  
          default-metric 1;  
          metric-type 1;  
        }  
      }  
    }  
  }  
}
```

```
}  
}  
area-range 172.16.0.0/22;  
}  
}  
}  
B. protocols {  
  ospf {  
    area 0.0.0.1 {  
      nssa {  
        area-range 172.16.0.0/22;  
      }  
    }  
  }  
}  
C. protocols {  
  ospf {  
    area 0.0.0.1 {  
      stub summaries;  
    }  
  }  
}  
D. protocols {  
  ospf {  
    area 0.0.0.1 {  
      nssa;  
      area-range 172.16.0.0/22 restrict;  
    }  
  }  
}
```

Answer: B

Question No : 4 - (Topic 1)

Which configuration is used for IP6-over-IP4 tunnels?

- A.** set interfaces gr-0/0/0 encapsulation inetv6
set interfaces gr-0/0/0 unit 0 tunnel source 10.0.1.1
set interfaces gr-0/0/0 unit 0 tunnel destination 10.0.0.1
set interfaces gr-0/0/0 unit 0 family inet address fec0:0:1006::1/126
- B.** set interfaces gr-0/0/0 unit 0 tunnel source 10.0.1.1
set interfaces gr-0/0/0 unit 0 tunnel destination 10.0.0.1

set interfaces gr-0/0/0 unit 0 family inetv6 address fec0:0:1006::1/126
C. set interfaces gr-0/0/0 unit 0 tunnel source fec0:0:1006::1/126
set interfaces gr-0/0/0 unit 0 tunnel destination fec0:0:2006::1/126
set interfaces gr-0/0/0 unit 0 family inet address 10.0.0.1
D. set interfaces gr-0/0/0 unit 0 tunnel source 10.0.1.1
set interfaces gr-0/0/0 unit 0 tunnel destination 10.0.0.1
set interfaces gr-0/0/0 unit 0 family inet6 address fec0:0:1006::1/126

Answer: D

Question No : 5 - (Topic 1)

Two routers functioning as DR other on a broadcast link will establish which kind of OSPF neighbor state with each other?

- A. Exchange
- B. 2Way
- C. ExStart
- D. Full

Answer: B

Question No : 6 - (Topic 1)

Which statements are true about graceful Routing Engines switchover (GRES)?

- A. Configuration on both Routing Engines must be synchronized.
- B. The backup Routing Engine cannot be managed through IP address because RPD does not run on backup the Routing Engine.
- C. Different hostnames must be configured on both Routing-Engines.
- D. Both Routing-Engines are managed through a single out-of-band-management IP address.

Answer: A

Question No : 7 - (Topic 1)

Using standard metrics, what is the maximum path cost in IS-IS?

- A. 15
- B. 16
- C. 63
- D. 1023

Answer: D

Question No : 8 - (Topic 1)

Which of the following is true of external LSAs in the Junos OS?

- A. External LSAs are of Type 4.
- B. Type 2 external LSAs do not consider internal reachability metrics.
- C. The route preferences for Type 1 and Type 2 External LSA is 150 and 155, respectively.
- D. Type 7 LSAs are never allowed in not-so-stubby areas.

Answer: B

Question No : 9 - (Topic 1)

Which communication protocol does IS-IS use?

- A. CLNP
- B. LACP
- C. STP
- D. L2TP

Answer: A

Question No : 10 - (Topic 1)

Which statement regarding the benefits of using GRE instead of IP-IP tunneling is true?

- A. GRE supports both IP traffic and non-IP traffic.
- B. GRE supports encryption.
- C. GRE supports private IP addresses over the Internet.
- D. GRE supports authentication.

Answer: A

Question No : 11 - (Topic 1)

Which Junos operational mode command displays all BGP routes sent to the 172.16.1.1 peer?

- A. show route sent-routes bgp 172.16.1.1
- B. show route send-protocol bgp 172.16.1.1
- C. show route advertised-routes bgp 172.16.1.1
- D. show route advertising-protocol bgp 172.16.1.1

Answer: D

Question No : 12 - (Topic 1)

Which virtual interface is used to configure a GRE tunnel?

- A. gre-0/0/0
- B. ip-0/0/0
- C. vt-0/0/0
- D. gr-0/0/0

Answer: D

Question No : 13 - (Topic 1)

Which two statements are true about IS-IS? (Choose two.)

- A. All level 2 PDUs are flooded to Level 1 by default.
- B. All level 1 PDUs are flooded to Level 2 by default.
- C. Both Level 1 and Level 2 adjacencies can exist on the same interface.
- D. Level 2 external routes are always available in Level 1.

Answer: B,C

Question No : 14 - (Topic 1)

How does a Level 1 IS-IS router reach destinations outside its own area?

- A. through the closest Level 1 router
- B. along the best path to the destination
- C. through the closest Level 1/2 router
- D. through the closest designated intermediate system (DIS)

Answer: C

Question No : 15 - (Topic 1)

Which of the following is a spanning tree option in EX Series switches?

- A. MAC move limiting
- B. root protection
- C. root guard
- D. BPDU source guard

Answer: B

Question No : 16 - (Topic 1)

When does a root-protected port transition back to the forwarding state?

- A. It does not transition back.
- B. It transitions after 20 seconds.
- C. It transitions when cleared by the operator.
- D. It transitions when superior BPDUs are no longer received.

Answer: D

Question No : 17 - (Topic 1)

Which two of the following are contained in an OSPF hello packet? (Choose two.)

- A. hello interval
- B. dead interval
- C. ex-start
- D. link-state update

Answer: A,B

Question No : 18 - (Topic 1)

What does the OSPF LSA Type 3 summarize?

- A. the interfaces and neighbors of routers
- B. the router IDs of routers from other areas
- C. an Ethernet segment
- D. topology information from other areas

Answer: D

Question No : 19 - (Topic 1)

A generated route is used to create a route of last resort when BGP routes from the 10.0.0.0/23 block are present. Given the following output, which next hop will be used as the forwarding next hop for the generated route?

```
user@switch> show route protocol bgp

inet.0: 18 destinations, 18 routes (18 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

0.0.0.0/0          *[BGP/170] 00:00:38, localpref 100
                   AS path: 65300 I
                   > to 172.16.0.10 via ge-0/0/0.103
10.0.0.0/24       *[BGP/170] 00:00:38, localpref 100
                   AS path: 65200 I
                   > to 172.16.0.6 via ge-0/0/0.102
10.0.0.0/25       *[BGP/170] 00:00:26, localpref 100
                   AS path: 65100 I
                   > to 172.16.0.2 via ge-0/0/0.101
10.0.0.0/23       *[BGP/170] 00:00:26, localpref 100
                   AS path: 65100 I
                   > to 172.16.0.8 via ge-0/0/0.101
10.0.1.0/24       *[BGP/170] 00:00:34, localpref 100
                   AS path: 65400 I
                   > to 172.16.0.14 via ge-0/0/0.104
```

- A. 172.16.0.2
- B. 172.16.0.6
- C. 172.16.0.10
- D. 172.16.0.14

Answer: A

Question No : 20 - (Topic 1)

Which two LSA types are only generated by area border routers? (Choose two.)

- A. Type 2
- B. Type 3
- C. Type 4
- D. Type 5

Answer: B,C

Question No : 21 - (Topic 1)

When processing inbound Ethernet frames, which firewall filter is evaluated first by an EX