

# Juniper JN0-303

**Juniper Networks jn0-303 Juniper Networks Certified  
Internet Specialist (JNCIS-M)  
Practice Test  
Version 1.1**

**QUESTION NO: 1**

What is the Draft-Kompella control plane based on?

- A. IGP
- B. LDP
- C. MPLS
- D. BGP

**Answer: D**

**QUESTION NO: 2**

A router receives an IPv6 packet which is 2000 bytes in length. The MTU of the outgoing interface is 1500 bytes. What action will the router take?

- A. fragments the packet
- B. forwards the packet
- C. drops the packet and sends an ICMP message
- D. drops the packet silently

**Answer: C**

**QUESTION NO: 3**

In which two ways can you influence how downstream LSRs treat MPLS traffic? (Choose two.)

- A. Use a DSCP rewrite table.
- B. Statically assign aCoS value to an RSVP-signaled LSP.
- C. Statically assign aCoS value to an LDP-signaled LSP.
- D. Use an EXP rewrite table.

**Answer: B,D**

**QUESTION NO: 4**

What is the use of MSDP across multiple PIM domains?

- A. It advertises RPs to all downstream routers.
- B. It advertises active multicast sources.
- C. It prevents multicast routing loops.
- D. It scopes multicast traffic.

**Answer: B**

**QUESTION NO: 5**

Which two statements are true when configuring a domain-id ? (Choose two.)

- A. The default OSPF domain-id is 127.0.0.1
- B. For a layer 3 VPN connecting multiple OSPF domains, configuring a domain-id can help control LSA translations
- C. In most cases, a domain-id must be configured
- D. In most cases, you do not need to configure a domain-id

**Answer: B,D**

**QUESTION NO: 6**

Into which protocol are LDP hello messages encapsulated?

- A. IP
- B. UDP
- C. TCP
- D. MPLS

**Answer: B**

**QUESTION NO: 7**

Which two forwarding classes have bandwidth assigned when CoS is not explicitly configured in JUNOS software? (Choose two.)

- A. Network control (NC)
- B. Assured forwarding (AF)
- C. Expedited forwarding (EF)
- D. Best effort (BE)

**Answer: A,D**

**QUESTION NO: 8**

In JUNOS software, which type of encapsulation is required on a PE router for the CE-facing interface in a Martini-based VPN?

- A. ATM
- B. CCC
- C. Ethernet
- D. HDLC

**Answer: B**

**QUESTION NO: 9**

Which routing table stores IPv6 routes?

- A. inet.2
- B. inet.0
- C. inet.v6
- D. inet6.0
- E. ip-net.0

**Answer: D**

**QUESTION NO: 10**

Which three authentication options does IS-IS support? (Choose three.)

- A. unauthenticated
- B. MD5
- C. Kerberos
- D. simple password
- E. DES

**Answer: A,B,D**

**QUESTION NO: 11**

What are three RSVP messages? (Choose three.)

- A. PathConf : Path confirmation
- B. ResvConf : Reservation confirmation
- C. ResvErr : Reservation error
- D. PathErr : Path error

**Answer: B,C,D**

**QUESTION NO: 12**

Which statement would prevent the sending of redundant route advertisements when your route reflector cluster is fully meshed?

- A. set protocolbgp group mygroup path-selection cisco-non-deterministic;
- B. set protocolbgp group mygroup no-client-reflect;
- C. set protocolbgp group i-bgp no-aggregator-id;
- D. set protocolbgp group i-bgp damping ;

**Answer: B**

**QUESTION NO: 13**

A successful authentication attempt by a RADIUS server does not supply a username to the JUNOS software. Which username is used by default?

- A. root
- B. remote
- C. radius
- D. local

**Answer: B**

**QUESTION NO: 14**

In JUNOS software, what is the purpose of the eui-64 command?

- A. Automatically assign the host number of an IPv6 address.
- B. Dynamically create an MPLS router ID.
- C. Dynamically assign a MAC address to an Ethernet interface.
- D. Automatically create the IS-IS NET ID.

**Answer: A**

**QUESTION NO: 15**

Which two mechanisms control route distribution between PE routers in a 2547bis VPN? (Choose two.)

- A. Extended communities
- B. Circuit ID
- C. Policies
- D. Site ID

**Answer: A,C**

**QUESTION NO: 16**

Firewall filter policers can perform which two actions? (Choose two.)

- A. Discard packets.
- B. Sample the packet content.
- C. Set the loss priority.
- D. Set the next hop.

**Answer: A,C**

**QUESTION NO: 17**

Which LSA is the Type 10?

- A. Opaque LSA
- B. AS attributes LSA
- C. Router LSA
- D. ASBR summary LSA
- E. Network summary LSA

**Answer: A**

**QUESTION NO: 18**

What is required to enable the use of metrics larger than 63 for traffic engineering in IS-IS?

- A. Disable TLV's 2 and 128 which carry the 6-bit metrics (0-63).
- B. Enable wide-metrics - only under protocols IS-IS.
- C. Enable traffic-engineering under protocols IS-IS.
- D. Nothing, wide metrics are used by default in IS-IS.

**Answer: B**

**QUESTION NO: 19**

Which action occurs when the BGP route 20.1.0.0/16 is evaluated by the policy expression?

```
[edit policy-options]
policy-statement reject_10 {
  from {
    route-filter 20.1.0.0/16 orlonger;
  }
  then {
    community add 90-1;
    accept;
  }
}
policy-statement accept_20 {
  from {
    route-filter 20.1.0.0/16 orlonger;
  }
  then {
    community add 100-1;
    reject;
  }
}
community 100-1 members 100:1;
community 90-1 members 90:1
```

```
[edit protocols]
bgp{
  group ebgp-group {
    neighbor 172.16.201.1 {
      export (reject-10 && accept-20);
    }
  }
}
```

- A. The route is announced with 90:1 added
- B. The route is announced with 100:1 added
- C. The route is announced with communities 90:1 and 100:1 added
- D. The route is not announced

**Answer: D**

**QUESTION NO: 20**

Which two are valid IS-IS PDU types? (Choose two.)

- A. point-to-point hellos
- B. broadcast hellos
- C. Level 2 point-to-point hellos
- D. Level 1 LAN hellos

**Answer: A,D**

**QUESTION NO: 21**

Which default JUNOS software routing table contains IPv6 unicast routes?

- A. inet.6
- B. ipv6.0
- C. inet6.0
- D. inet.0

**Answer: C**

**QUESTION NO: 22**

Which LSA is used in JUNOS software when a OSPF router restarts?

- A. LSA Type 9
- B. LSA Type 11
- C. LSA Type 10
- D. LSA Type 6

**Answer: A**

**QUESTION NO: 23**

Which three NLRIs can MBGP carry? (Choose three.)

- A. Layer 2 VPN routes
- B. LDP routes
- C. IPv6 routes
- D. RSVP routes
- E. Layer 3 VPN routes



**Answer: A,C,E**

**QUESTION NO: 24**

By default, to which peers will a BGP router advertise routes learned from IBGP peers?

- A. all BGP peers
- B. all MBGP peers
- C. all EBGP peers
- D. all IBGP peers

**Answer: C**

**QUESTION NO: 25**

How is the cost of a virtual link in OSPF calculated?

- A. uses the metric that is assigned during configuration
- B. uses the path metric to reach the virtual link neighbor
- C. uses a default of zero unless otherwise specified
- D. takes the metric of the outgoing interface

**Answer: B**

**QUESTION NO: 26**

In JUNOS software, which would prevent an OSPF router from importing the 10.0.0.4/30 summary route?

- A. Apply an import policy matching 10.0.0.4/30 and reject the route.
- B. Export policies are not allowed, so this is not possible.
- C. Apply a firewall filter matching 10.0.0.4/30 and reject the route.
- D. Import policies are not allowed, so this is not possible.

**Answer: D**

**QUESTION NO: 27**

What is the correct virtual link configuration on an OSPF router?

- A. area 0.0.0.1{ virtual-link neighbor-id 172.168.18.2 transit-area 0.0.2.1; }
- B. area 0.0.0.0{ virtual-link neighbor-id 172.168.18.2 transit-area 0.0.2.1; }
- C. area 0.0.0.0{ link neighbor-id 172.168.18.2 transit-area 0.0.2.1; }
- D. area 0.0.2.1{ virtual-link neighbor-id 172.168.18.2 transit-area 0.0.0.0; }

**Answer: B**

#### QUESTION NO: 28

In JUNOS software, which is the only BGP attribute where a higher value is preferred?

- A. Weight
- B. Origin
- C. Local preference
- D. Preference
- E. MED

**Answer: C**

#### QUESTION NO: 29

Given the regular expression:

65001+ (65002|65003)

Which is equivalent?

- A. 65001{0, } (65002|65003){0,1 }
- B. 65001{1, } (65002|65003){1, }
- C. 65001{0,1 } (65002|65003){1, }
- D. 65001{1, } (65002|65003){0,1 }

**Answer: D**

#### QUESTION NO: 30

An IS-IS router is adjacent to and passing traffic with a neighbor. You perform a show isis interface detail command and notice that for some interfaces you have a circuit type of 3. Which IS-IS level(s) is enabled on these interfaces?

- A. Level 1 and Level 2