JN0-304

Juniper Networks Certified Internet Specialist (JNCIS-M)

Version 3.0

JN0-304

QUESTION NO: 1

Routers A and B have an OC12c and a GE link between them and are running OSPF over both of these links. Which statement is correct, assuming the default JUNOS software OSPF metric calculation?

A. There are two equal cost paths between A and B.
B. The GE link is the preferred path between A and B.
C. The OC12c link is the preferred path between A and B.
D. Manual metric assignment must be configured to determine the outcome.

Answer: A

QUESTION NO: 2

What is the default function of a secondary path in MPLS?

A. to act as an equal-cost path to the primary path
B. to enable another LSP for load balancing
C. to act as a diverse backup path to the primary path
D. to allow the use of explicit path selection via EROs

Answer: C

QUESTION NO: 3

How long is an IPv6 address?

A. 32 bits
B. 64 bits
C. 128 bits
D. 256 bits

Answer: C

QUESTION NO: 4

Which three are well-known mandatory BGP attributes? (Choose three.)

A. Origin
B. AS path
C. Next hop
D. Community

E. Multiple exit discriminator

Answer: A, B, C

QUESTION NO: 5

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

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

Answer: A, D

QUESTION NO: 6

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

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

Answer: A, D, E

QUESTION NO: 7

Two Label-Switched Paths called LSP A and LSP B have been configured on a router. LSP A has been configured with a hold-priority of 3. There is insufficient reservable bandwidth along the path to accomodate both LSPs reservation requirements. Which setup priority must LSP B have to pre-empt LSP A and use its bandwidth?

A. 2
B. 3
C. 4
D. 7

Answer: A

QUESTION NO: 8

Which configuration defines a BGP route reflector?

A. group cluster-1 {
type external;
local-address 192.168.56.1;
cluster-list 1.1.1.1;
neighbor 192.168.48.1;
neighbor 192.168.52.1;
}
B. group cluster-1 {
type internal;
local-address 192.168.56.1;
cluster 1.1.1.1;
client 192.168.48.1;
client 192.168.52.1;
}
C. group cluster-1 {
type cluster;
local-address 192.168.56.1;
cluster-list 1.1.1.1;
neighbor 192.168.48.1;
neighbor 192.168.52.1;
}
D. group cluster-1 {
type external;
local-address 192.168.56.1;
cluster 1.1.1.1;
neighbor 192.168.48.1;
neighbor 192.168.52.1;
}

Answer: B

QUESTION NO: 9

Given the following policy, what happens when the 1.1/17 route is evaluated?
[edit policy-options] policy-statement test {
from {
route-filter 0/0 orlonger accept;
route-filter 1.1/17 upto /24 reject;
route-filter 1.1/18 exact;
}
then {
metric 6; accept;
        }

}

A. The route does not match this policy.
B. The route is accepted.
C. The route is rejected.
D. The route is accepted with a metric of 6.

Answer: A

QUESTION NO: 10

Given the following policy:
[edit policy-options] policy-statement my-filter {
term first {
from {
route-filter 192.168.0.0/16 orlonger accept;
route-filter 192.168.1.0/24 exact accept;
route-filter 192.168.2.0/24 exact;
} then {
                   metric 10; accept;
} term second {
            then {
metric 20; accept; }
policy-statement main {
             term change-attributes {
                                 from { policy my-filter; }
then accept;
        }
term default {
then reject; }
[edit protocols] bgp { export main; }
Which action occurs when the static route 192.168.0.0/25 is evaluated by the policy main-policy?

A. The route is not advertised into BGP.A.The route is not advertised into BGP.
B. The route is advertised into BGP with metric 10.B.The route is advertised into BGP with metric 10.
C. The route is advertised into BGP with metric 20.C.The route is advertised into BGP with metric 20.
D. The route is advertised into BGP with default metric.D.The route is advertised into BGP with default metric.

Answer: D

QUESTION NO: 11

OSPFv3 is used to route which type of packets?

A. IPv4
B. IPv6
C. MPLS
D. IS-IS

Answer: B

QUESTION NO: 12

Which three are used to create a separate multicast and unicast forwarding topology on a Juniper Networks router? (Choose three.)

A. MBGP
B. RIB groups
C. firewall filters
D. routing policy
E. filter based forwarding (FBF)

Answer: A, B, D

QUESTION NO: 13

What is the correct configuration of Anycast RP on the loopback interface, assuming a shared anycast address of 10.1.1.1?

A. [edit]
interfaces {
...
lo0 {
unit 0 {
family inet {
address 10.1.1.1/32
primary;
address 169.144.10.1/32;
B. [edit]
interfaces {
...
lo0 {
unit 0 {
family inet {
address 10.1.1.1/32

preferred;

address 169.144.10.1/32;

C. [edit]

interfaces {

...

lo0 {

unit 0 {

family inet {

address 169.144.10.1/32

primary;

address 10.1.1.1/32;

D. [edit]D. [edit]

interfaces {

...

lo0 {

unit 0 {

family inet {

address 169.144.10.1/32

preferred;

address 10.1.1.1/32;

Answer: C

QUESTION NO: 14

Which two statements about IS reachability TLV (TLV 2) and the extended IS reachability (TLV 22) are true? (Choose two.)

A. TLV 22 supports wide metrics.

B. TLV 2 is only used in Level 1 routers.

C. TLV 22 displays the neighbor's extended areas.

D. Only TLV 22 can support the inclusion of sub-TLVs.

Answer: A, D

QUESTION NO: 15

When using OSPF as your IGP, which operational command must be enabled to populate the TED for CSPF calculations?

A. cspf enable

B. disable no-cspf

C. traffic-engineering

D. enable traffic-engineering-database

Answer: C

QUESTION NO: 16

What is the use of MSDP across multiple PIM domains?

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

Answer: C

QUESTION NO: 17

In JUNOS software, which two are methods of restricting multicast traffic beyond your domain? (Choose two.)

A. MSDP
B. Routing policy
C. Administrative scoping
D. Bootstrap export policy

Answer: B, C

QUESTION NO: 18

When comparing CPE and provider-provisioned VPNs (PPVPN), which two statements are true? (Choose two.)

A. CPE VPNs require dedicated VPN aware hardware at customer site, PPVPN does not.
B. PPVPNs require dedicated VPN aware hardware at customer site, CPE VPNs does not.
C. CPE VPNs scale better than PPVPNs as they do not require a per site configuration on the CPE.
D. PPVPNs scale better than CPE VPNs as they do not require a per site configuration on the CPE.

Answer: A, D

QUESTION NO: 19

According to JUNOS software route selection algorithm, which IS-IS route type is most preferred?

A. Level 1 internal routes

B. Level 1 external routes

C. Level 2 internal routes

D. Level 2 external routes

Answer: A

QUESTION NO: 20

Which setting in JUNOS software forces a bgp speaker to wait for a bgp neighbor to initiate a bgp session?

A. wait

B. hold

C. passive

D. authenticate

Answer: C

QUESTION NO: 21

Which three TLV types are valid in an IS-IS Hello PDU? (Choose three.)

A. TLV 10 Authentication

B. TLV 1 Area Addresses

C. TLV 211 Graceful Restart

D. TLV 137 Dynamic Hostname Resolution

E. TLV 14 ABRs

Answer: A, B, C

QUESTION NO: 22

Which three commands allow you to verify the current state of your BGP neighbors? (Choose three.)

A. show bgp group

B. show bgp status

C. show bgp summary

D. show bgp neighbor

E. show protocols bgp

Answer: A, C, D

QUESTION NO: 23

Which two methods are used to assign a route-distinguisher in a Kompella Layer 2 VPN? (Choose two.)

A. by assigning the RD under the routing-instances
B. by assigning the RD under protocols bgp
C. by assigning the RD under routing-options
D. by assing the RD under policy-options

Answer: A, C

QUESTION NO: 24

How is a Rendezvous Point tie broken in Auto-RP?

A. lowest IP address
B. highest IP address
C. lowest MAC address
D. highest MAC address

Answer: B

QUESTION NO: 25

In JUNOS software, which statement is true regarding the OSPF advertisement of the loopback IP address on the ABR?

A. When Area 0 is active, the loopback interface must be configured in OSPF for it to be advertised.
B. When Area 0 is active, the loopback address is automatically advertised into other areas.
C. When Area 0 is active, the OSPF router-id must match the loopback address for the loopback address to be advertised.
D. When Area 0 is active, the router-id must be configured for the loopback address to be advertised.

Answer: A

QUESTION NO: 26

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 {