Juniper

Exam JN0-360

Juniper Networks Certified Internet Specialist, – Service Provider (JNCIS-SP)

Version: 10.0

[Total Questions: 322]

Question No : 1

Which two configuration elements are defined under an MSTP instance? (Choose two)

A. revision-level
B. bridge-priority
C. mstp-level
D. vlan

Answer: B,D

Explanation: The correct answer is B, D because revision-level is common for the all MSTI instances and it is configured one level up from MSTI instance section.
Reference:

http://www.juniper.net/techpubs/en_US/junos10.0/information-products/topic-collections/config-guide-mx-series-layer2/mstp-edit-protocols.html

Question No : 2

Which three statements are true regarding the IS-IS link-state database (LSDB)? (Choose three.)

A. An L1 router has a single database reflecting the connectivity of its area.
B. An L1 router often relies on a default route generated by attached routers to reach interarea destinations.
C. The Level 2 database contains only backbone area routes unless route leaking is configured.
D. Route leaking can be used to optimize Level 2 to Level 1 routing.
E. An attached router has at least two LSDBs: one for each Level 1 area and a single LSDB for the Level 2 backbone.

Answer: A,B,E

Question No : 3

Which two statements are true about virtual switches? (Choose two.)

A. Multiple virtual switches share a single MAC table.

B. Virtual switches contain separate MAC tables.

C. By default, the direct route associated with a virtual switch's IRB interface is placed in inet.0.

D. By default, the direct route associated with a virtual switch's IRB interface is placed in the associated virtual switch's routing table.

Answer: B,C

Question No : 4

Which two Layer 2 protocols are supported on MX Series devices? (Choose two.)

A. BGP

B. RIP

C. RSTP

D. MSTP

Answer: C,D

Question No : 5

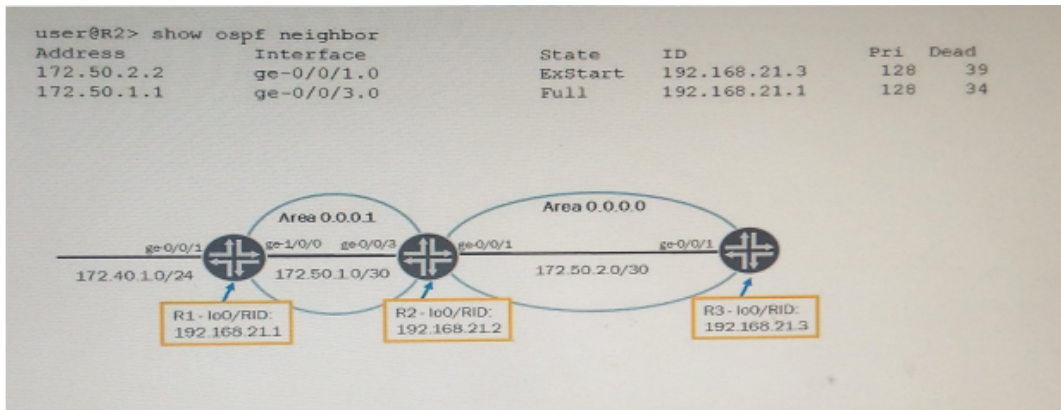What are two ways that nonstop routing works? (Choose two.)

A. by enabling redundant REs to switch from primary RE to backup RE

B. by alerting peer nodes of any routing table changes

C. by enabling redundant REs to run a different version of the Junos OS

D. by replicating routing protocol information

Answer: A,D

Question No : 6

Click the Exhibit button.

```
user@R2> show ospf neighbor
Address          Interface              State    ID             Pri  Dead
172.50.2.2       ge-0/0/1.0             ExStart  192.168.21.3    128    39
172.50.1.1       ge-0/0/3.0             Full     192.168.21.1    128    34
```

Referring to the exhibit, which two statements are correct about R2? (Choose two.)

A. If R2 remains in the ExStart state, then you should verify the MTU setting on R2 and R3.
B. R2 LSDB is synchronized with R1.
C. If R2 remains in the ExStart state, then you should verify Physical Layer and Data Link Layer connectivity on R2 and R3.
D. R2 LSDB is not synchronized with R1.

Answer: A,B

Question No : 7

What are three ways that graceful Routing Engine switchover provides redundancy? (Choose three.)

A. by preserving interface and kernel information
B. by reducing time of RE failover
C. by preserving the data plane information
D. by preserving the control plane information
E. by not restarting the PFE

Answer: A,B,E

Question No : 8

What are three IS-IS PDU types? (Choose three.)

A. type length value

B. link-state

C. partial sequence number

D. database description

E. complete sequence number

Answer: B,C,E

Question No : 9

-- Exhibit --

user@router# run show route advertising-protocol bgp 192.168.12.1

user@router# run show route

inet.0: 11 destinations, 12 routes (11 active, 0 holddown, 0 hidden)

+ = Active Route, - = Last Active, * = Both

2.2.2.2/32 *[Direct/0] 3w6d 03:57:51

> via lo0.0

192.168.12.0/24 *[Direct/0] 01:07:34

> via xe-0/0/0.0

192.168.12.2/32 *[Local/0] 01:07:34

Local via xe-0/0/0.0

200.1.0.0/16 *[Aggregate/130] 00:00:58

Reject

[IS-IS/165] 00:10:57, metric 10

> to 200.1.1.2 via xe-0/0/3.0

200.1.1.0/24 *[Direct/0] 00:29:21

> via xe-0/0/3.0

200.1.1.1/32 *[Local/0] 00:29:21

Local via xe-0/0/3.0

iso.0: 1 destinations, 1 routes (1 active, 0 holddown, 0 hidden)

+ = Active Route, - = Last Active, * = Both

49.0000.0020.0200.2002/72

*[Direct/0] 3w4d 21:07:32

> via lo0.0

inet6.0: 3 destinations, 4 routes (3 active, 0 holddown, 0 hidden)

+ = Active Route, - = Last Active, * = Both

2:2:2::2/128 *[Direct/0] 3w4d 21:22:24

> via lo0.0

[edit]

user@router# show policy-options

policy-statement adv-route {

term t1 {

from {

protocol isis;

route-filter 200.1.0.0/16 exact;

}

then accept;

}

term t2 {

then reject;

}

}

[edit]

user@router# show protocols bgp

group ebgp {

type external;

export adv-route;

neighbor 192.168.12.1 {

peer-as 65000;

}

}

-- Exhibit --

Click the Exhibit button.

Referring to the exhibit, why is the 200.1.0.0/16 prefix failing to be advertised in BGP?

A. BGP needs a next-hop self policy.
B. The aggregate route is set to reject.
C. The policy works for internal BGP only.
D. The IS-IS route is less preferred than the aggregate route.

Answer: D

Question No : 10

You want to influence how traffic enters your network

Using industry best practices, which two BGP attributes would you modify to accomplish this goal? (Choose two)

A. AS Path
B. Local Preference
C. Next Hop
D. MED

Answer: A,D

Question No : 11

-- Exhibit --

user@R2> show

protocols {

isis {

export leak;

interface ge-1/1/0.0;

interface ge-1/1/1.0 {

level 1 disable;

}

interface lo0.0;

}

}

policy-options {

policy-statement leak {

term 1 {

from level 1;

to level 2;

then accept;

}

}

}

-- Exhibit --

Click the Exhibit button.

R1 and R2 have a Level 1 IS-IS adjacency. R2 participates in both Level 1 and Level 2, and is receiving routes from a Level 2 neighbor. A policy on R2 has been created to leak routes to Level 1, but R1 is not receiving the routes.

Referring to the exhibit, what is the solution on R2?

A. The policy must be applied as an export policy at the interface level.
B. The policy must be changed to include from protocol isis.
C. The policy must be changed to specify from level 2 and to level 1.
D. The policy must be applied as an import policy.

Answer: C

Question No : 12

-- Exhibit --

user@R1> show

interfaces {

ge-1/1/0 {

unit 0 {

family inet {

address 10.100.1.1/30;

}

family iso;

}

}

lo0 {

unit 0 {

family inet {

```
address 10.100.10.1/32;

}

family iso {

address 49.1001.0010.0100.00;

}

}

}

}

protocols {

isis {

level 1 disable;

interface ge-1/1/0.0 {

level 2 disable;

}

interface lo0.0;

}

}

user@R2> show

interfaces {

ge-1/1/0 {

unit 0 {

family inet {

address 10.100.1.2/30;

}

family iso {

mtu 1496;
```