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Exam Code: JN0-662

Exam Name: Service Provider Routing and Switching, Professional

Certification Provider: Juniper

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QUESTION 1

According to Juniper Networks, what are three methods of scaling Layer 2 VPNs? (Choose three.)

- A. inbound route filters
- B. route reflection
- C. outbound route filters
- D. filter-based forwarding
- E. BGP route refresh

Correct Answer: ABC

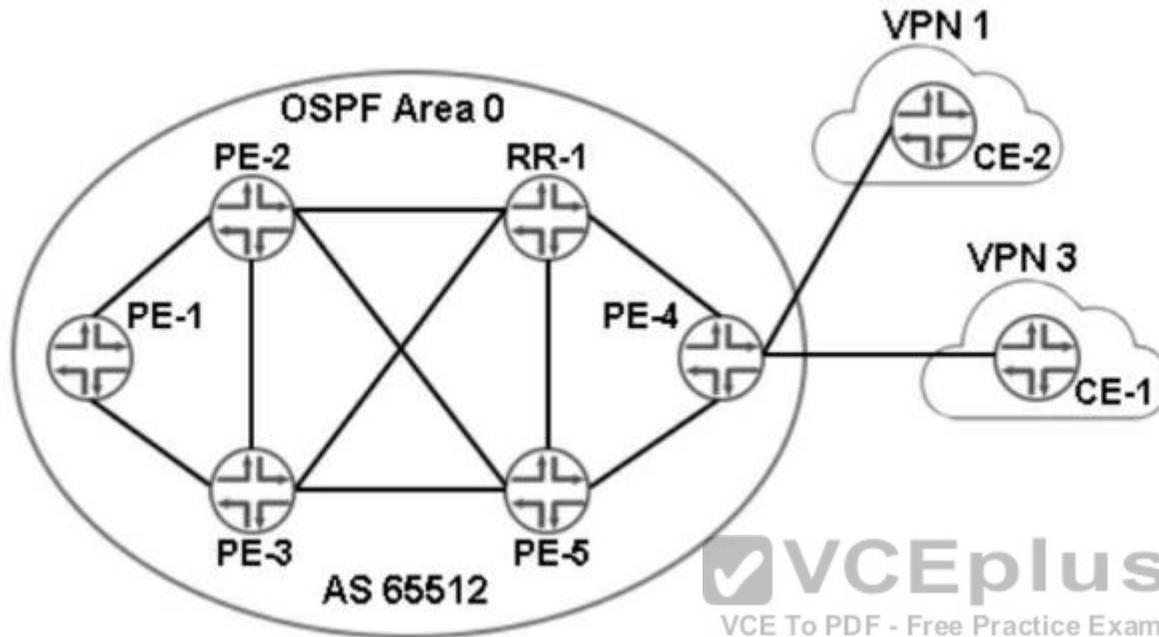
Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Click the Exhibit button.



Referring to the exhibit, you have multiple Layer 3 VPNs established in your network. You are asked to ensure that PE-4 allows CE-2 in VPN 1 to communicate with CE-1 in VPN 3.

Which two statements are correct in this scenario? (Choose two.)

- A. Use a BGP export policy to share the appropriate VRF routes.
- B. Use the auto-export feature to share the appropriate VRF routes.
- C. Use a BGP import policy to share the appropriate VRF routes.
- D. Use rib-groups to share the appropriate VRF routes.

Correct Answer: AC

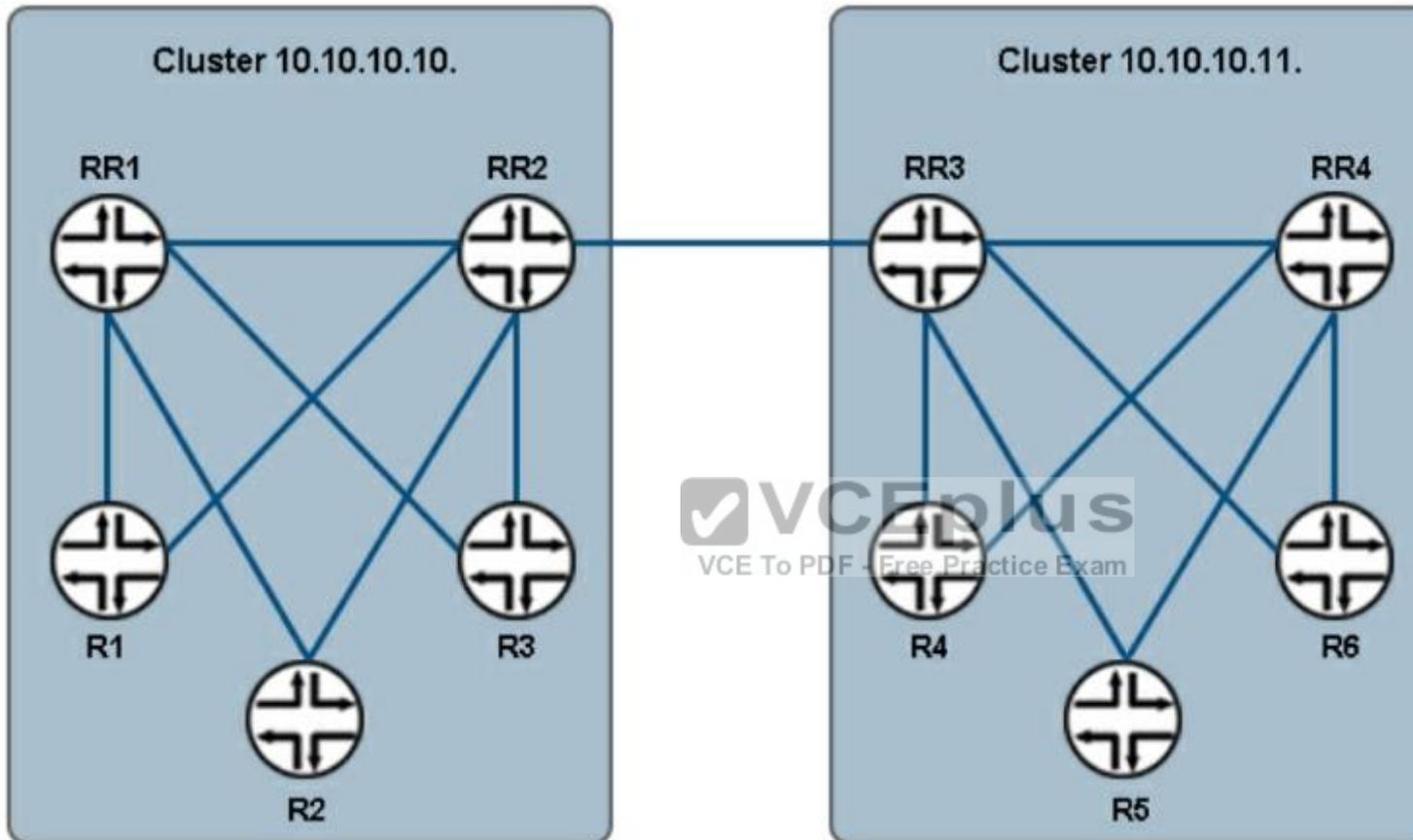
Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Click the Exhibit button.



Referring to the exhibit, RR1-RR4 are route reflectors.

Which three routers would RR1 need to peer with if the no-client-reflect parameter has been configured? (Choose three.)

- A. R2
- B. R5
- C. RR4
- D. R6

E. RI

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

Click the Exhibit button.

```
[edit routing-instances]
user@PE-1# show
CE-A1 {
  instance-type 12vpn;
  interface ge-4/0/0.512;
  route-distinguisher 10.222.222.3:2;
  vrf-target target:65511:101;
  protocols {
    12vpn {
      encapsulation-type ethernet-vlan;
      site A-1 {
        site-identifier 5;
        interface ge-4/0/0.512;
      }
    }
  }
}
```

```
[edit routing-instances]
user@PE-1# run show l2vpn connections
Layer-2 VPN connections:
```

Legend for connection status (St)

EI -- encapsulation invalid	NC -- interface encapsulation not CCC/TCC/VPLS
EM -- encapsulation mismatch	WE -- interface and instance encaps not same
VC-Dn -- Virtual circuit down	NP -- interface hardware not present
CM -- control-word mismatch	-> -- only outbound connection is up
CN -- circuit not provisioned	<- -- only inbound connection is up
OR -- out of range	Up -- operational
OL -- no outgoing label	Dn -- down
LD -- local site signaled down	CF -- call admission control failure
RD -- remote site signaled down	SC -- local and remote site ID collision
LN -- local site not designated	LM -- local site ID not minimum designated
RN -- remote site not designated	RM -- remote site ID not minimum designated
XX -- unknown connection status	IL -- no incoming label
MM -- MTU mismatch	MI -- Mesh-Group ID not available
BK -- Backup connection	ST -- Standby connection
PF -- Profile parse failure	PB -- Profile busy
RS -- remote site standby	SN -- Static Neighbor
LB -- Local site not best-site	RB -- Remote site not best-site
VM -- VLAN ID mismatch	HS -- Hot standby Connection

Legend for interface status

Up -- operational
 Dn -- down

Instance: CE-A1

Edge protection: Not-Primary

Local site: A-1 (5)

connection-site	Type	St	Time last up	# Up trans
3	rmt	OR		

Referring to the exhibit, the Layer 2 VPN between PE-1 and PE-2 is not functioning properly. What must you do to solve the problem?

- A. Set the remote site identifier to 3.
- B. Set the local site identifier to 3.
- C. Set the local site identifier to 1.
- D. Set the remote site identifier to 5.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:**QUESTION 5**

Click the Exhibit button.

```
user@host> show ospf overview
```

```
Instance: master
  Router ID: 10.255.112.218
  Route table index: 0
  LSA refresh time: 50 minutes
  Traffic engineering
  Restart: Enabled
    Restart duration: 180 sec
    Restart grace period: 210 sec
    Graceful restart helper mode: Enabled
    Restart-signaling helper mode: Enabled
  Database protection state: Normal
  Warning threshold: 70 percent
  Non self-generated LSAs: Current 582, Warning 700, Allowed 1000
  Ignore time: 30, Reset time: 60
  Ignore count: Current 0, Allowed 1
Area: 0.0.0.0
  Stub type: Not Stub
  Authentication Type: None
  Area border routers: 0, AS boundary routers: 0
  Neighbors
    Up (in full state): 160
  Topology: default (ID 0)
  Prefix export count: 0
  Full SPF runs: 70
  SPF delay: 0.200000 sec, SPF holddown: 5 sec, SPF rapid runs: 3
  Backup SPF: Not Needed
```

After an acquisition, a customer experiences OSPF flooding during network consolidation and the router is experiencing performance problems. Referring to the exhibit, which OSPF feature set should you add or modify to increase capacity?

- A. traffic engineering
- B. OSPF authentication
- C. Bidirectional Forwarding Detection
- D. database protection

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Which statement is correct regarding BGP route reflectors?

- A. The route reflectors must have a private AS number.
- B. The route reflectors must have an EBGP peering session between each other.
- C. The route reflectors must have a cluster ID configured.
- D. The route reflectors must have a different AS number than the clients.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.juniper.net/documentation/en_US/release-independent/nce/topics/example/routing-protocol-bgp-security-route-reflector-configuring-cli.html

QUESTION 7

You are currently running BGP-based VPLS and Layer 3 VPNs. You are asked to consolidate the services and deploy EVPN to replace the VPLS and Layer 3 VPN deployments.

Which two EVPN route types will achieve this goal? (Choose two.)

- A. Type 5
- B. Type 4
- C. Type 2
- D. Type 7

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

The network team will be performing maintenance on R3. The maintenance window requires a reboot of router R3. You want to gracefully move traffic away from R3 until after the reboot. In this scenario, how would you solve this problem?

- A. Configure the set protocols isis interface all level 1 hold-time 300 parameter, then reboot the router.
- B. Configure the set protocols isis overload parameter, then commit the configuration.
- C. Configure the set protocols isis spf-options delay 300 parameter, then reboot the router.
- D. Configure the set protocols isis interface all level 1 hello-interval 300 parameter, then reboot the router.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

In a carrier-of-carrier VPN model, which type of network layer reachability information is used for the MP-BGP signaling between CE and PE routers?

- A. flow
- B. labeled-unicast
- C. unicast
- D. inet-vpn

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation/Reference:

In a Carrier-of-Carrier VPN environment, specify the inet-vpn address family and unicast traffic type to enable BGP to carry IPv4 network layer reachability information (NLRI) for VPN routes.

References: http://www.juniper.net/documentation/en_US/junos15.1/topics/example/mpls-vpn-option2-configuration.html

QUESTION 10

With which two elements is a VRF table populated? (Choose two.)

- A. Routes received from remotely connected CE sites.
- B. Routes received from directly connected CE sites.
- C. Routes received from P routers with acceptable MP-BGP attributes.
- D. Routes received from PE routers with acceptable MP-BGP attributes

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

Each VRF table is populated from routes received from directly connected CE sites associated with that VRF routing instance and from routes received from other PE routers that passed BGP community filtering and are in the same VPN.

Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/vpn-routing-tables-vpn-forwarding-tables.html

QUESTION 11

Click the Exhibit button.

```
R1-----ge-0/0/1-----R2-----ge-0/0/2-----R3
```

```
[edit]
user@R1# show interfaces
ge-0/0/1 {
    unit 0 {
        family iso;
        family inet {
            address 192.168.6.2/30;
        }
    }
}
lo0 {
    unit 0 {
        family inet;
        family iso {
            address 49.0001.0000.0000.0102.00;
        }
    }
}
```

```
[edit]
user@R2# show interfaces
ge-0/0/1 {
  unit 0 {
    family inet {
      address 192.168.6.1/30;
    }
    family iso {
      address 49.0002.0000.0000.0101.00;
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family iso;
    family inet {
      address 192.168.4.1/24;
    }
  }
}
)
```

```
lo0 {  
  unit 0 {  
    family inet;  
    family iso {  
      address 49.0001.0000.0000.0101.00;  
    }  
  }  
}
```

```
[edit]  
user@R3# show interfaces
```

```
ge-0/0/2 {  
  unit 0 {  
    family iso;  
    family inet {  
      address 192.168.4.2/24;  
    }  
  }  
}
```



```
lo0 {  
  unit 0 {  
    family inet;  
    family iso {  
      address 49.0001.0000.0000.0103.00;  
    }  
  }  
}
```

Routers R1, R2, and R3 have set protocols isis interface all configured and no other set protocols isis configuration Referring to the exhibit, which two statements

are true? (Choose two.)

- A. The R2-R3 link will form a Level 1 and Level 2 adjacency.
- B. The R1-to-R2 link will only form a Level 2 adjacency.
- C. The R1-to-R2 link will form a Level 1 and Level 2 adjacency.
- D. The R2-R3 link will only form a Level 1 adjacency.

Correct Answer: AC

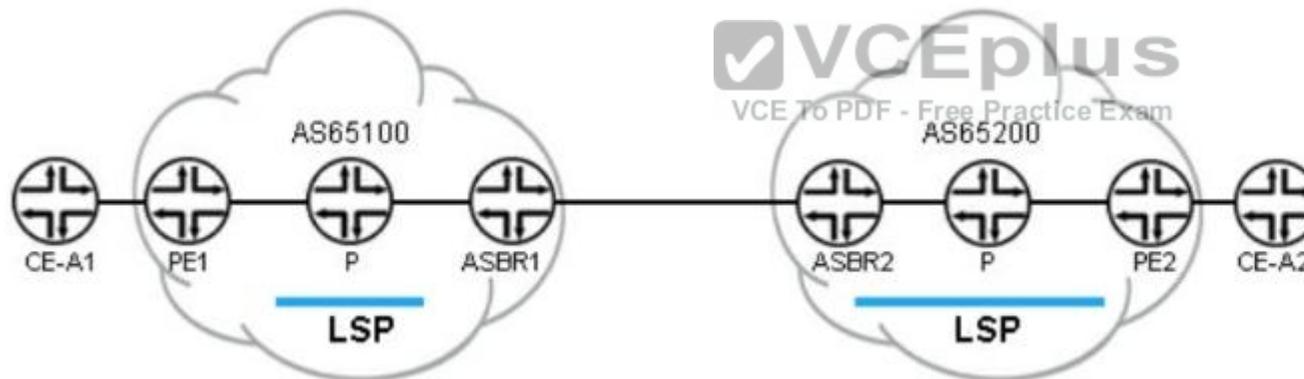
Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

Click the Exhibit button



Referring to the exhibit, when building an interprovider VPN Option C between AS65100 and AS65200, which two parameters must be configured on the EBGp connection between PE1 and PE2? (Choose two.)

- A. family inet-vpn unicast
- B. multihop
- C. family inet labeled-unicast
- D. multipath

Correct Answer: AB

Section: (none)

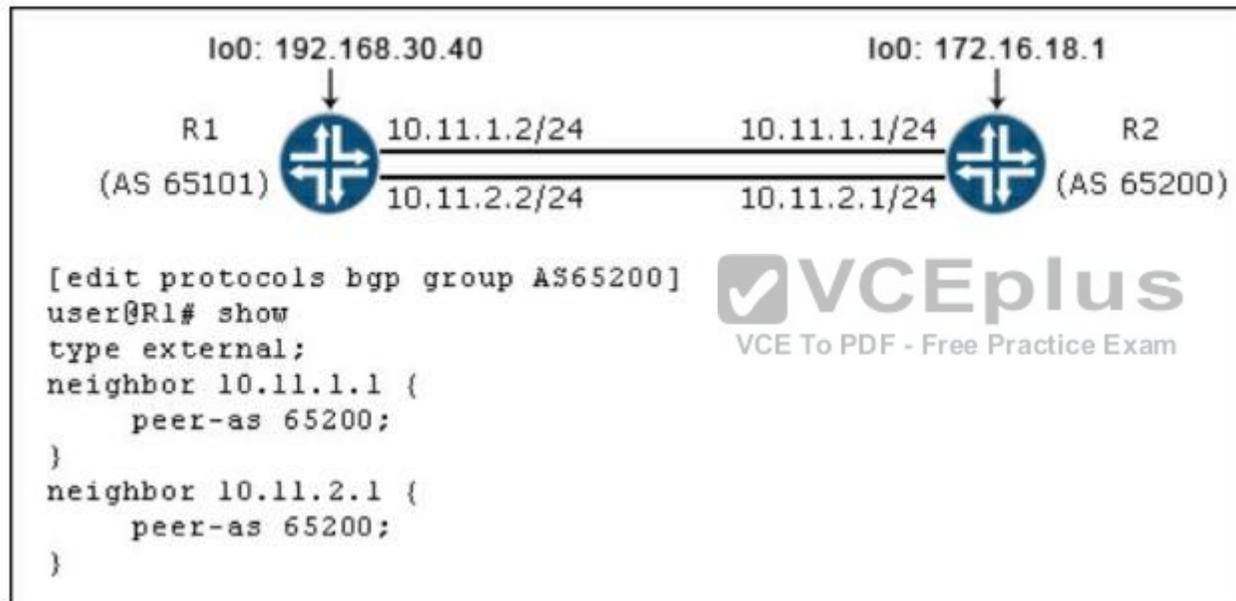
Explanation

Explanation/Reference:

Reference: https://www.juniper.net/documentation/en_US/junos/topics/example/mps-vpn-option3-configuration.html#jd0e200

QUESTION 13

Click the Exhibit button



Referring to the exhibit, what must be added to the existing configuration to ensure that per-prefix load balancing occurs?

- A. multihop
- B. keep all
- C. multipath
- D. family inet unicast

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

Click the Exhibit button

```
[edit routing instances]
user@R1# show
vpn-a {
  instance-type vrf;
  interface ge-1/1/4.100;
  route-distinguisher 192.168.1.1:1;
  vrf-target target:65101:101;
  protocols {
    bgp {
      group eternal {
        type external;
        peer-as 65101;
        neighbor 10.0.10.2;
      }
    }
  }
}
```

```
[edit routing instances]
user@R2# show
vpn-a {
  instance-type vrf;
  interface ge-1/0/4.100;
  route-distinguisher 192.168.1.2:1;
  vrf-target target:65512:101;
  protocols {
    bgp {
      group my-ext-group {
        type external;
        peer-as 65101;
        neighbor 10.0.11.2;
      }
    }
  }
}
```

Referring to the exhibit, why are R1 and R2 not exchanging routes between their VPNs?

- A. The route targets are not properly configured.
- B. The IP addresses in the BGP configuration must be in the same subnet.
- C. The interfaces unit numbers must be the same on both sides.
- D. The route distinguishers are not properly configured.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:**QUESTION 15**

Which two routes use a proper route distinguisher? (Choose two.)

- A. 192.168.0.1:12:10.1.0.0/16
- B. 12345:12:10.1.0.0/16
- C. 192.168.0.1:10.1.0.0:12/16
- D. 12345:10.1.0.0:12/16

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:**QUESTION 16**

Click the Exhibit button.

```
user@R1> show isis database detail
```

```
IS-IS level 1 Link-state database:
```

```
R1.00-00 Sequence: 0x19, Checksum: 0x3355, Lifetime: 976 secs
IP prefix: 192.168.16.4/32      Metric:      10 Internal Down
IP prefix: 192.168.16.5/32      Metric:      10 Internal Down
IP prefix: 192.168.16.6/32      Metric:      20 Internal Down
IP prefix: 192.168.16.7/32      Metric:      20 Internal Down
```

```
IS-IS level 2 link-state database:
```

```
R1.00-00 Sequence: 0x1c, Checksum: 0x3355, Lifetime: 976 secs
IS neighbor: R2.02              Metric:      10
IS neighbor: R3.02              Metric:      10
IP prefix: 10.0.0.16/30          Metric:      10 Internal Up
IP prefix: 10.0.0.20/30          Metric:      10 Internal Up
IP prefix: 192.168.16.3/32       Metric:      0 Internal Up
```

```
R2.00-00 Sequence: 0x19, Checksum: 0x3355, Lifetime: 973 secs
IS neighbor: R2.02              Metric:      10
IS neighbor: R3.03              Metric:      10
IP prefix: 10.0.0.16/30          Metric:      10 Internal Up
IP prefix: 10.0.0.24/30          Metric:      10 Internal Up
IP prefix: 192.168.16.4/32       Metric:      0 Internal Up
```

```
R2.02-00 Sequence: 0x17, Checksum: 0x3355, Lifetime: 973 secs
IS neighbor: R1.00 Metric: 0
IS neighbor: R2.00 Metric: 0

R3.00-00 Sequence: 0x12, Checksum: 0x3355, Lifetime: 973 secs
IS neighbor: R3.02 Metric: 10
IS neighbor: R3.03 Metric: 10
IP prefix: 10.0.0.20/30 Metric: 10 Internal Up
IP prefix: 10.0.0.24/30 Metric: 10 Internal Up
IP prefix: 10.0.0.28/30 Metric: 10 Internal Up
IP prefix: 10.0.0.32/30 Metric: 20 Internal Up
IP prefix: 10.0.0.36/30 Metric: 10 Internal Up
IP prefix: 192.168.16.5/32 Metric: 0 Internal Up
IP prefix: 192.168.16.6/32 Metric: 10 Internal Up
IP prefix: 192.168.16.7/32 Metric: 10 Internal Up

R3.02-00 Sequence: 0xb, Checksum: 0x3355, Lifetime: 973 secs
IS neighbor: R1.00 Metric: 0
IS neighbor: R3.00 Metric: 0

R3.03-00 Sequence: 0xb, Checksum: 0x3355, Lifetime: 973 secs
IS neighbor: R2.00 Metric: 0
IS neighbor: R3.00 Metric: 0
```

Referring to the exhibit, which statement is correct?

- A. IP address 192.168.16.5 is on a directly connected interface.
- B. Four routes have been leaked from the Level 2 area to the Level 1 area.
- C. The path to IP address 192.168.16.6 is currently unavailable.
- D. R1 has two Level 2 adjacencies and one Level 1 adjacency to other routers

Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:

QUESTION 17

You want to add a new OSPF area to your existing OSPF network, however, this area will not be directly connected to Area 0. Which feature would you use to complete this task?

- A. a routing policy
- B. not-so stubby area
- C. virtual link
- D. Type 10 LSA

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 18

Click the Exhibit button.

```
user@router> show route damping history extensive
inet.0: 15 destinations, 15 routes (14 active, 0 holddown, 1 hidden)
+ = Active Route, - = Last Active, * = Both

200.200.200.0/24 (1 entry, 0 announced)
BGP Preference: /-101
Nexthop: 172.16.10.1 via ge-0/0/0.0, selected
State: <Hidden Ext>
Local AS: 2 Peer AS: 1
AS path: 1 I
Localpref: 100
Router ID: 192.168.1.1
Merit (last update/now) : 2777/2454
Default damping parameters used
Last update: 00:02:45 First update: 00:04:35
Flaps: 3
History entry. Expires in: 00:54:20
```

Which two statements are true about the route shown in the exhibit? (Choose two.)

- A. The route is currently active.
- B. The route is currently hidden.
- C. The route has an unreachable next-hop.
- D. The route is currently being damped.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Which neighbor state indicates that two BGP neighbors have full connectivity?

- A. Idle
- B. Connect
- C. OpenConfirm
- D. Established

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

Click the Exhibit button

```
Apr 15 16:00:30 mxD-2 R3: rpd[3355]: bgp_rcv_open: peer 192.168.78.1 (Internal AS  
65501): received NOTIFICATION code 2 (Open Message Error) subcode 5  
(authentication failure)
```

What are two reasons for the message shown in the exhibit? (Choose two.)

- A. The adjacency is failing because of a misconfigured attribute.
- B. The adjacency is failing because of a faulty TCP connection.
- C. The adjacency is failing because of a misconfigured address.
- D. The adjacency is failing because of an authentication mismatch.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

Which two statements are correct regarding site IDs and circuit IDs in a VPLS routing instance? (Choose two.)

- A. In an LDP VPLS routing instance, vpls-id parameters must be different in each location.
- B. In an LDP VPLS routing instance, the vpls-id parameters must match in all locations.
- C. In a BGP VPLS routing instance, the site-id parameters must be different in each location.
- D. In a BGP VPLS routing instance, the site-id parameters must match in all locations.

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

Click the Exhibit button

```
user@router> show evpn database
Instance: default-switch
VLAN  DomainId  MAC address      Active source      Timestamp          IP address
-----
22030  00:20:30:02:00:10  00:24:24:24:24:24  00:24:24:24:24:24  Feb 27 16:26:57    10.230.10.10
22030  02:00:30:00:00:01  05:00:00:fe:4d:00:00:56:0e:00  Feb 23 21:03:15    10.230.0.1
```

Which two statements are true regarding the output shown in the exhibit? (Choose two,)

- A. Both ESIs are generated from the router ID,
- B. Both ESIs use the same VNI.
- C. The ESI 05:00:00:fe:4d:00:00:56:0e:00 is an auto-generated ESI.
- D. The ESI 00:24:24:24:24:24:24:24:24:24 is an auto-generated ESI

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

Click the exhibit button.

```
[edit routing-instances VPLS-1]
user@router# show
instance-type vpls;
vlan-tags outer 4000 inner 4001;
interface ge-1/0/1.400;
route-distinguisher 65004:12043;
vrf-target target:65005:100;
protocols {
  vpls {
    site 5 {
      site-identifier 5;
      interface ge-1/0/1.400 {
      }
    }
  }
}
```

What would be the expected outcome from the configuration shown in the exhibit?

- A. The VPLS instance would use a control-word instead of a tunnel-services interface, or no-tunnel-services parameter.
- B. The VPLS instance would default to using no-tunnel-services because a tunnel-services interface was not specified.
- C. The VPLS instance would cycle through all virtual tunnel interfaces on the router to find one to use.
- D. The VPLS instance would cycle through all physical interfaces configured on the router to find one to use.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.juniper.net/documentation/en_US/junos/topics/usage-guidelines/vpns-specifying-the-vt-interfaces-used-by-vpls-routing-instances.html

QUESTION 24

Click the Exhibit button

```
[edit interfaces]
user@router# show
ge-1/0/0 {
  unit 0 {
    family inet {
      filter {
        input inbound_filter;
        output outbound_filter;
      }
      policer {
        input inbound_policer;
        output outbound_policer;
      }
      address 10.10.100.1/24;
    }
  }
}
```

Referring to the exhibit, in which order will ICMP traffic be processed by the configured filters and policers for interface ge-1/0/0?

- A. input filter, input policer, output policer, output filter
- B. input policer, input filter, output policer, output filter
- C. input filter, input policer, output filter, output policer
- D. input policer, input filter, output filter, output policer

Correct Answer: D

Section: (none)

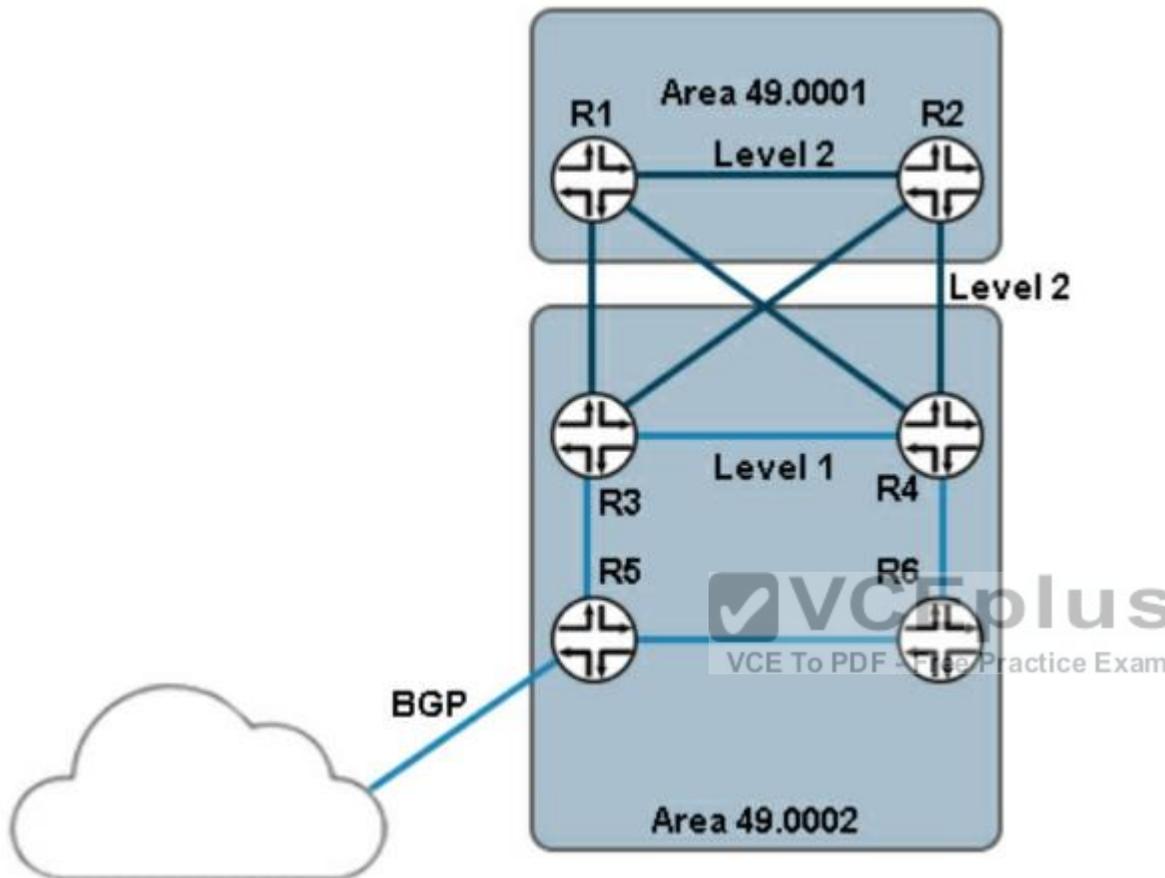
Explanation

Explanation/Reference:

Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/policer-order-of-operations-with-firewall-filters.html

QUESTION 25

Click the Exhibit button.



BGP routes received on R5 are redistributed into the IS-IS network. You want the redistributed routes to be present in Area 49.0001 Referring to the exhibit, how would this task be accomplished?

- A. Configure the set protocols isis ignore-attached-bit parameter on router R5.
- B. Configure the set protocols isis ignore-attached-bit parameter on routers R3 and R4.
- C. Configure the set protocols isis level 2 wide-metrics-only parameter on routers R3 and R4.
- D. Configure the set protocols isis level 1 wide-metrics-only parameter on router R5.

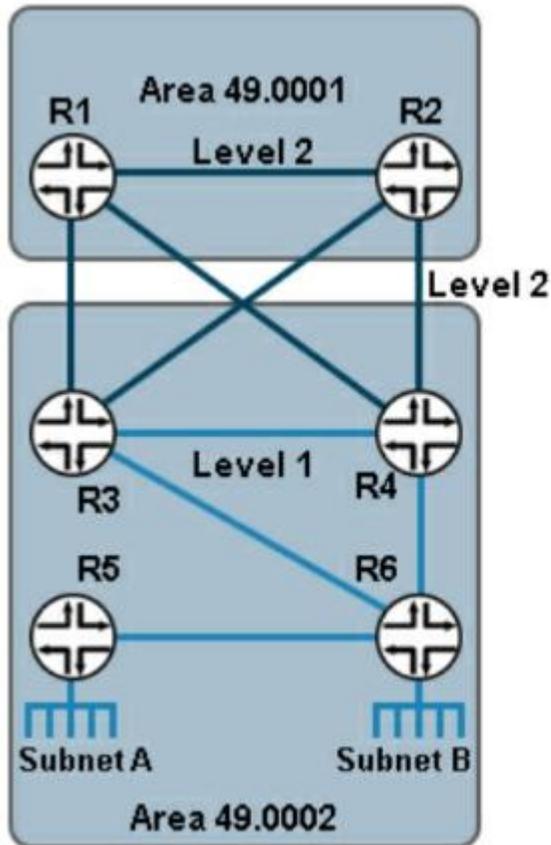
Correct Answer: D
Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

Click the Exhibit button



R5 must advertise Subnet A into IS-IS so that Subnet A and Subnet B can communicate. Subnet B must be able to forward traffic to Subnet A and towards Area 49.0001. However, R5 should not be able to route traffic from Subnet A to Area 49.0001. Referring to the exhibit, how would you solve this problem?

- A. Configure Level 2 on all links in Area 49.0002.

- B. Configure the set protocols isis ignore-attached-bit parameter on R5.
- C. Configure the set protocols isis overload parameter on R6.
- D. Configure an export policy on R6 to reject all routes except Subnet B towards R5.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Which message type initiates the BGP session?

- A. update
- B. open
- C. keepalive
- D. notification

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/bgp-routing-messages-overview.html

QUESTION 28

Click the Exhibit button

```
user@PE-1> show configuration protocols bgp group MBGP-INT
type internal;
local-address 10.222.222.3;
family inet {
    unicast;
}
family inet-vpn {
    unicast;
}
neighbor 10.222.222.2;
neighbor 10.222.222.1;
neighbor 10.222.222.4;
```

```
user@PE-1> show configuration routing-instances CE-A-2
instance-type vrf;
interface ge-0/0/9.0;
route-distinguisher 10.222.222.3:2;
vrf-target target:65511:101;
routing-options {
    static {
        route 192.168.106.0/24 next-hop 192.168.6.2;
    }
}
```



```
user@PE-2> show configuration protocols bgp group MBGP-INT
type internal;
local-address 10.222.222.4;
family inet-vpn {
    unicast;
}
neighbor 10.222.222.2;
neighbor 10.222.222.3;
neighbor 10.222.222.1;

user@PE-2> show configuration routing-instances CE-A-1
instance-type vrf;
interface ge-0/0/9.0;
route-distinguisher 10.222.222.3:2;
vrf-target target:6511:101;
routing-options {
    static {
        route 192.168.100.0/24 next-hop 192.168.0.2;
    }
    auto-export;
}
```



The customer's hosts cannot communicate across their Layer 3 VPN. The exhibit shows the configuration for the two PE devices in the Layer 3 VPN. What should you do to solve the problem?

- A. Add the family INET unicast NLRI address family in the BGP group for PE-2.
- B. Set the route distinguishers to be different for PE-1 and PE-2.
- C. Add the auto export feature in the routing instances for PE-1.
- D. Set the VRF target to the same value on PE-1 and PE-2.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:**QUESTION 29**

You are asked to configure PIM-SM in your network. Your implementation must allow for load sharing between redundant RPs and, should an RP failure occur, the RP failover time should be minimized.

Which two configuration tasks are required in this scenario? (Choose two.)

- A. Configure MSDP peering sessions between the routers designated as RPs.
- B. Configure the shared anycast address on the RPs as the primary address on the loopback interface.
- C. On the routers designated as RPs, configure the shared anycast address on the loopback interface.
- D. Configure at least two static RPs and bundle them in an RP redundancy group under [edit protocols pim].

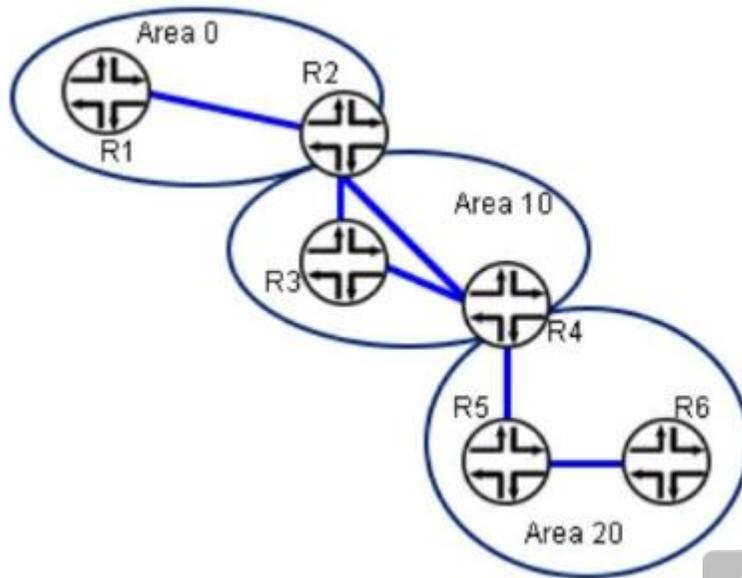
Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:**QUESTION 30**

Referring to the exhibit, you want to ensure that routers in Area 20 can connect to routers in Area 0. Which two steps must be done to allow this behavior? (Choose two,)



- A. A virtual link must be configured under R2 Area 0 and R4 Area 0.
- B. Area 10 must be configured as a stub area.
- C. A virtual link must be configured under R2 Area 0 and R4 Area 20.
- D. Area 10 must be configured as a standard area.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

How is a BGP Layer 2 VPN prefix formed by a PE?

- A. by combining the route distinguisher and vrf-target, in that order
- B. by combining the route distinguisher, remote site identifier, and site identifier, in that order
- C. by combining the route distinguisher, site identifier, and remote site identifier, in that order

D. by combining the vrf-target and route distinguisher, in that order

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

You are asked to configure a new Layer 3 VPN.

In this scenario, which routing-instance type must be used?

- A. vpls
- B. evpn
- C. vrf
- D. l2vpn

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 33

You want to reject routes from any BGP peers that have prepended their AS path. What is the correct as-path regex that would allow you to accomplish this task?

- A. 65001.*
- B. .{2,}
- C. (65001|65001|65001)
- D. .{0,1}

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference: