



Juniper

Exam Questions JN0-348

Enterprise Routing and Switching - Specialist (JNCIS-ENT)

NEW QUESTION 1

Exhibit.

Exhibit is Missing

Which two statements are correct. (Choose two.)

- A. Route 2001:2244:3311:321:233::128 has been prepended.
- B. The active path to 2001:2244:3311:321:233::128 will exist using interface irb.433.
- C. Route 2001:2244:3311:321:233::128 will be advertised to an EBGP peer in AS 62553.
- D. The AS path shows two hops to their IBGP routers within autonomous system 62553.

Answer: AD

NEW QUESTION 2

Click the Exhibit button.

```

user@host# show
  firewall {
    family ethernet-switching {
      filter ingress-vlan-limit-guest {
        term guest-to-guest {
          from {
            destination-address 192.0.2.33/28;
          }
          then {
            accept;
          }
        }
        term no-guest-employee-no-peer-to-peer {
          from {
            destination-mac-address 00.05.5E.00.00.DF;
          }
          then {
            accept;
          }
        }
      }
    }
  }
}
vllans {
  guest-vlan {
  }
}

```

A recent security audit indicates that peer-to-peer applications are allowed on the guest VLAN and employees may have been using the guest VLAN for this purpose. You deploy the configuration shown in the exhibit, but it does not stop the peer-to-peer traffic. In this scenario, what must you do to implement the security policy?

- A. Implement 802.1X on the guest VLAN
- B. Attach the filter to the VLAN
- C. Deploy storm control to block unknown unicast traffic
- D. Use persistent MAC learning

Answer: B

NEW QUESTION 3

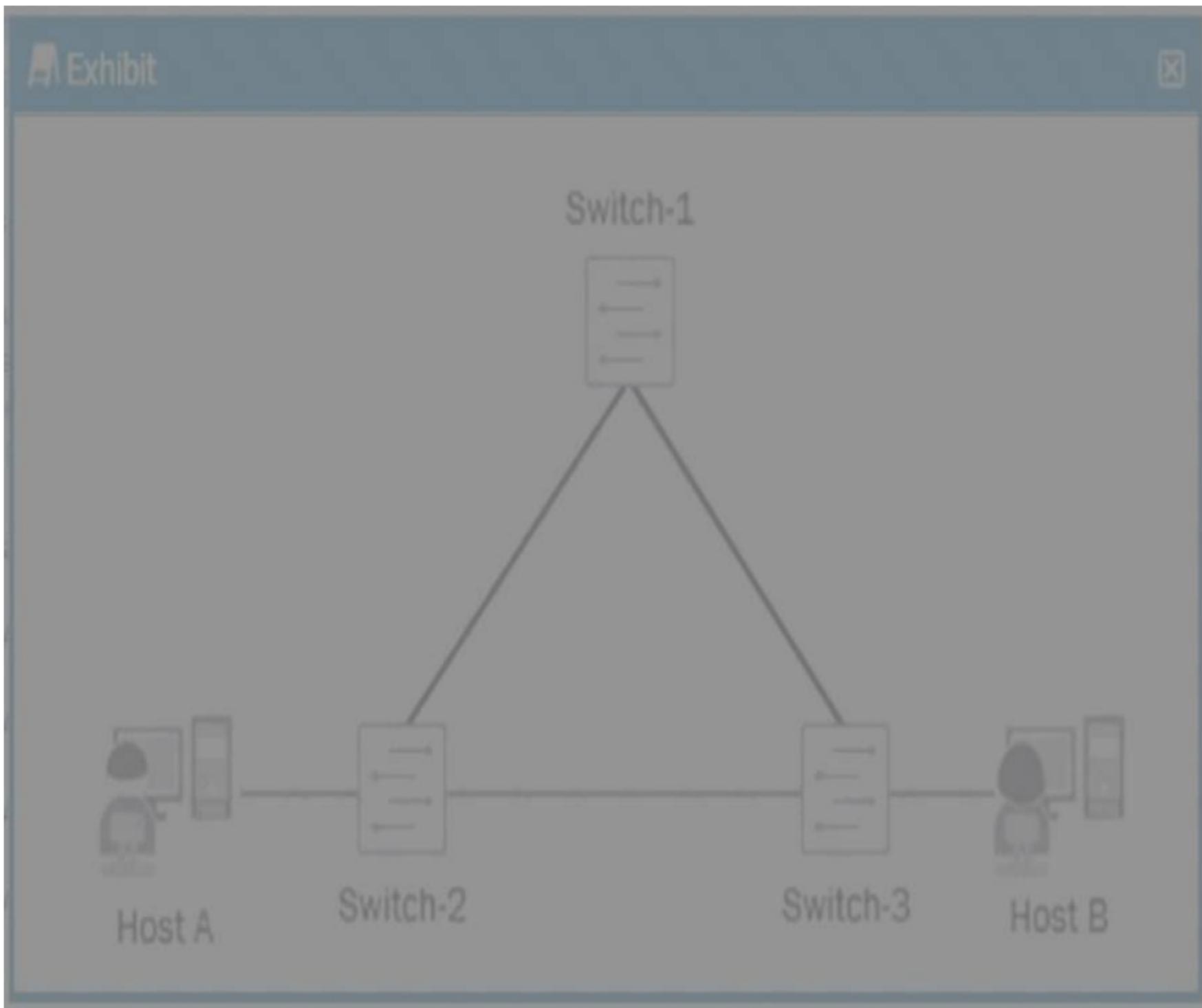
How many bytes of overhead does an IP-IP tunnel add to a packet?

- A. 24 bytes
- B. 14 bytes
- C. 20 bytes
- D. 28 bytes

Answer: C

NEW QUESTION 4

Exhibit.



A number of reports from end users indicate that internal and external communications are intermittent and not reliable. You verified the status of the switch ports and have determined that they are up and operational. You also noticed a very high level of link bandwidth utilization on those same ports. The current topology of the affected environment is shown in the exhibit.

What would be the cause of the reported issues?

- A. A lack of port-based ACLs filtering the traffic flows.
- B. A malformed route-based ACL Improperly filtering traffic flows.
- C. A misconfigured interior gateway protocol (IGP).
- D. A lack of a loop-prevention mechanism or protocol.

Answer: D

NEW QUESTION 5

Which statement is true when using LAGs with an EX4300?

- A. Speeds on member links can differ.
- B. Member links must be contiguous.
- C. Half duplex is supported on the LAG.
- D. You can have up to 16 member links per LAG.

Answer: D

NEW QUESTION 6

Click the Exhibit button.

```
{master:0}
user@switch> show spanning-tree interface

Spanning tree interface parameters for instance 0

Interface      Port ID      Designated      Designated      Port      State  Role
                port ID      port ID          bridge ID      Cost
ge-0/0/8.0     128:521     128:521         8192.50c58daedb41    200    FWD    DESG
ge-0/0/9.0     64:522      64:522          8192.50c58daedb41    2000   FWD    DESG
ge-0/0/14.0    240:527     240:527         8192.50c58daedb41    20000  FWD    DESG
ge-0/0/15.0    128:528     128:528         8192.50c58daedb41    200000 FWD    DESG
```

Based on the output shown in the exhibit, which statement is correct?

- A. This switch has been elected as the root bridge
- B. This switch has a bridge priority of 32k
- C. The ge-0/0/15 interface is using the default port cost
- D. The ge-0/0/9 interface is using the default priority value

Answer: A

NEW QUESTION 7

Which two statements are true about high availability on Junos devices? (Choose two.)

- A. BFD is faster at detecting failures than default GRE or OSPF timers.
- B. NSR is independent of helper routers to assist the routing platform in restoring routing protocol information.
- C. NSR is dependent on helper routers to assist the routing platform in restoring routing protocol information.
- D. BFD is slower at detecting failures than default GRE or OSPF timers.

Answer: AB

NEW QUESTION 8

Exhibit.

```
[edit protocols isis]
user@router-1# show
level 2 disable;
level 1 wide-metrics-only;
interface all;

[edit protocols isis]
user@router-2# show
level 1 disable;
interface all;
```

Click the Exhibit button Referring to the exhibit, what will be the IS-IS adjacency result of the configurations?

- A. A level 1 and level 2 IS-IS adjacency will form
- B. A level 2 IS4S adjacency will form
- C. No IS-IS adjacencies will form
- D. A level 1 IS-IS adjacency will form

Answer: C

NEW QUESTION 9

What are two characteristics of IS-IS CSNPs? (Choose two.)

- A. IS-IS CSNPs contains header information for all link-state PDUs.
- B. IS-IS CSNPs are used to request a copy of a missing link state PDU.
- C. IS-IS CSNPs are used to maintain the link-state database synchronization.
- D. IS-IS CSNPs contain header information for specific requested link-state PDUs.

Answer: AC

NEW QUESTION 10

Which device is used to separate collision domains?

- A. Switch
- B. Router
- C. Hub
- D. firewall

Answer: A

NEW QUESTION 10

Which Junos feature allows you to combine multiple interface into a single bundle?

- A. VRRP
- B. Virtual Classis
- C. LAG
- D. NSB

Answer: C

NEW QUESTION 11

What are two reasons for configuring more than one VLAN on a switch? (Choose two.)

- A. A group of clients requires that security be applied to traffic entering or exiting the group's devices
- B. A group of devices must forward traffic across a WAN.
- C. A group of devices are connected to the same Layer 3 network.
- D. A group of clients requires that the group's devices receive less broadcast traffic than they are currently receiving

Answer: AD

NEW QUESTION 12

Which two statements are true about an EX2300 device? (Choose two.)

- A. By default, trunk ports can carry untagged traffic
- B. By default, all switch ports are trunk ports
- C. By default, all switch ports are access ports
- D. By default, all switch ports are associated with the default VLAN

Answer: CD

NEW QUESTION 13

What are the three possible port states when using RSTP? (Choose two.)

- A. Forwarding
- B. Learning
- C. Discarding
- D. Listening
- E. Tagging

Answer: ABC

NEW QUESTION 18

Which two routers belong to the 172.16.0.0/22 aggregate route? (Choose two.)

- A. 172.16.4.0/24
- B. 172.16.0.0/24
- C. 172.16.5.0/24
- D. 172.16.3.0/24

Answer: BD

NEW QUESTION 20

What are two interarea OSPF LSA types? (Choose two.)

- A. Type 1 router LSAs
- B. Type 2 network LSAs
- C. Type 3 summary LSAs
- D. Type 4 ASBR summary LSAs

Answer: CD

NEW QUESTION 23

Exhibit.

```
Edit Term: 1

Exhibit

(edit protocols bgp)
user@router# show
preference 150;
keep all;
mtu-discovery;
export static-1;
remove-private;
tcp-mss 4096;
group one (
  export static-2;
  peer-as 2;
  neighbor 10.1.0.1 {
    export static-3;
  }
)
group two (
  type internal;
  local-address 192.168.1.11;
  export static-4;
  local-as 1;
  neighbor 192.168.1.12;
  neighbor 192.168.1.13
)
```

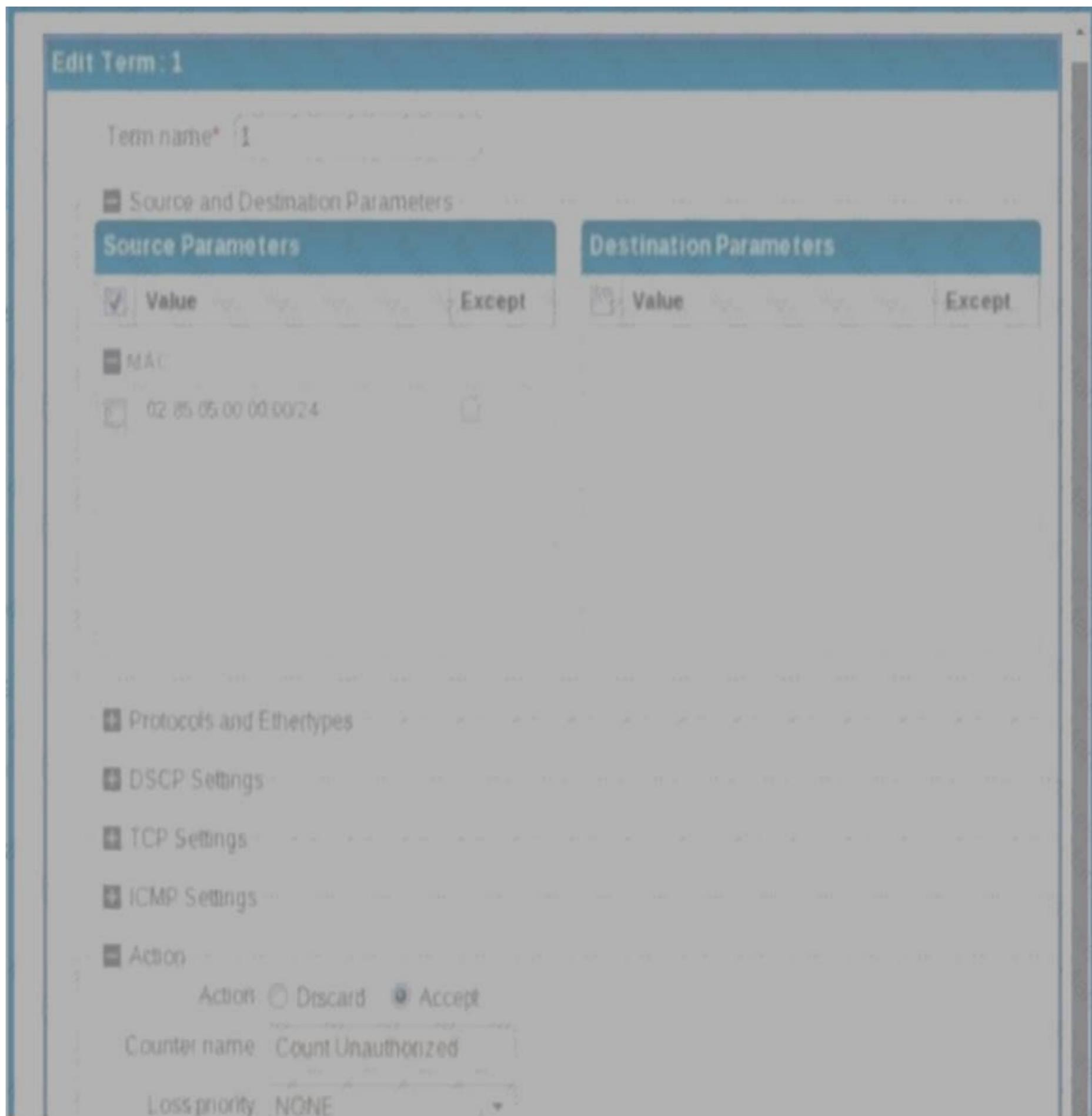
Referring to the exhibit, which policy will export routes to IBGP peers?

- A. static-4
- B. static-2
- C. static-1
- D. static.c-2

Answer: A

NEW QUESTION 25

Exhibit.



Your switches are managed using Junos Space Network Director. You want to secure the switches using a Network Director filter profile. A filter profile containing one term shown in the exhibit is deployed to ports on managed devices. Which traffic will be accepted by the filter?

- A. Traffic containing a destination MAC of 02:85:05:00:00:00/24 will be accepted.
- B. All traffic will be accepted.
- C. Traffic containing a source MAC of 02:85:05:00:00:00/24 will be accepted.
- D. No traffic will be accepted.

Answer: C

NEW QUESTION 28

Exhibit.

```

Exhibit

(master:0)
user@switch> show spanning-tree interface

Spanning tree interface parameters for instance 0

Interface      Port ID      Designated      Designated      Port
State  Role
                port ID      bridge ID      Cost
ge-0/0/8.0     128:521      128:521      8192.50c58daedb41
    200  FWD  DESG
ge-0/0/9.0     64:522       64:522       8192.50c58daedb41
    2000 FWD  DESG
ge-0/0/14.0    240:527      240:527      8192.50c58daedb41
    20000 FWD  DESG
ge-0/0/15.0    128:528      128:528      8192.50c58daedb41
    200000 FWD  DESG
    
```

Referring to the exhibit, which statement is correct?

- A. The ge-0/0/15 interface is using the default port cost.
- B. This switch has a bridge priority of 8k.
- C. This switch is currently blocking all traffic.
- D. The ge-0/0/9 interface is using the default interface priority value.

Answer: A

NEW QUESTION 33

Which statement is correct about 13 IS link state PDUs?

- A. They are used to maintain link slid.: database synchronization
- B. They are used to establish adjacencies
- C. They are used to build the link state database.
- D. They are used to determine whether the neighbors are Level 1 or Level 2

Answer: C

NEW QUESTION 34

Exhibit.

```

Exhibit

[edit protocols bgp]
user@router# show
import add-community;
export next-hop-self;
group ISPs {
    type external;
    import local-pref;
    export adv-aggregate;
    neighbor 172.30.1.1 {
        peer-as 65100;
    }
    neighbor 172.30.2.1 {
        export adv-custom;
        peer-as 65200;
    }
}
group Internal-Peers {
    type internal;
    neighbor 192.168.110.10;
    neighbor 192.168.110.20;
}

```

Which statement is true about the configuration shown in the exhibit?

- A. Both the add-community and local-pref import policies will be evaluated routes are learned from neighbor 172.30.2.1.
- B. Only the local –pref import will be evaluated when routes are learned neighbor 172.30.1.1.
- C. No import policy will be evaluated when routes are learned from neighbor 172.30.2.1.
- D. Only the add-community import policy will be evaluated routers are learned neighbor 172.30.1.1.

Answer: B

NEW QUESTION 39

Which statement about configuring persistent MAC learning is correct?

- A. Persistent MAC learning can be configured on access mode interfaces.
- B. Persistent MAC learning flushes dynamically learned MAC addresses on reboots.
- C. Persistent MAC learning cannot be configured on redundant trunk groups.
- D. Persistent MAC learning requires 802.1 X authentication.

Answer: A

NEW QUESTION 42

Exhibit.

```

Exhibit

Nov  3 15:39:56.388955 SPF post spf cleanup finished
Nov  3 15:39:56.388959 Cleanup elapsed time 0.000064s
Nov  3 15:39:56.388965 Total elapsed time 0.003092s
Nov  3 15:39:56.388967 Finished full SPF refresh for topology
default
Nov  3 15:39:56.388969 task_job_delete: delete background job
Route recalc timer for task OSPF
Nov  3 15:39:56.388971 background dispatch completed job
Route recalc timer for task OSPF
Nov  3 15:40:02.900115 task_process_events: rcv ready for
OSPF I/O./var/run/ppmd_control
Nov  3 15:40:02.900227 task_process_events: rcv ready for
OSPF I/O./var/run/ppmd_control
Nov  3 15:40:02.900242 task_timer_uset: timer OSPF
I/O./var/run/ppmd_control_PPM Hold <Touched> set to offset
2:00 at 15:42:02
Nov  3 15:40:02.900244 OSPF packet ignored: area mismatch
(0.0.0.1) from 192.168.150.254 on intf ge-0/0/1.0 area
Nov  3 15:40:02.900374 task_timer_uset: timer OSPF_internal
timer <Touched> set to offset 5 at 15:40:07
Nov  3 15:40:04.225141 task_process_events: rcv ready for
OSPF I/O./var/run/ppmd_control
Nov  3 15:40:04.225293 task_process_events: rcv ready for
OSPF I/O./var/run/ppmd_control
Nov  3 15:40:04.225350 task_timer_uset: timer OSPF
I/O./var/run/ppmd_control_PPM Hold <Touched> set to offset
2:00 at 15:42:04
Nov  3 15:40:04.225352 OSPF periodic xmit from
192.168.150.253 to 224.0.0.5 (IFL 72 area 1.0.0.0)
Nov  3 15:40:06.025582 task_process_events: rcv ready for
OSPF I/O./var/run/ppmd_control
Nov  3 15:40:06.025685 task_process_events: rcv ready for
OSPF I/O./var/run/ppmd_control
Nov  3 15:40:06.025713 task_timer_uset: timer OSPF
I/O./var/run/ppmd_control_PPM Hold <Touched> set to offset
2:00 at 15:42:06
Nov  3 15:40:06.025715 OSPF periodic xmit from 172.16.128.253
to 224.0.0.5 (IFL 71 area 1.0.0.0)

```

Based on the traceoptions output shown in the exhibit, what is the problem with the adjacency?

- A. authentication mismatch
- B. area mismatch
- C. connectivity
- D. MTU mismatch

Answer: B

NEW QUESTION 46

Which statement is correct about trunk ports?

- A. Trunk ports must have an IRB assigned to accept VLAN tagged traffic
- B. By default, trunk ports accept only VLAN tagged traffic
- C. By default, a trunk port can have only a single VLAN assigned
- D. Trunk ports must have an IRB assigned to accept untagged traffic.

Answer: B

NEW QUESTION 50

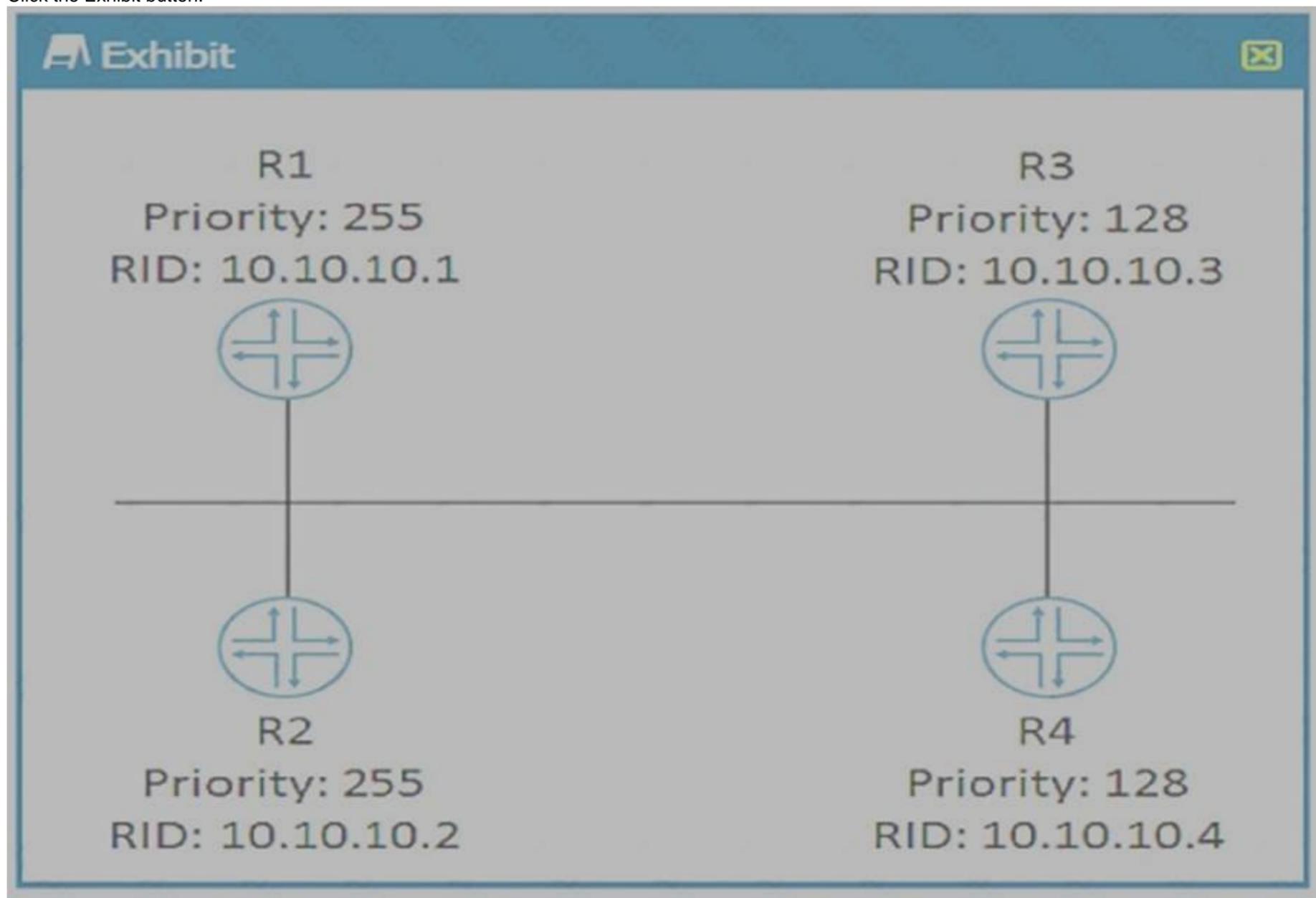
Which static route next-hop value indicates that the packet will be silently dropped?

- A. Resolve
- B. Discard
- C. Reject
- D. Next-table

Answer: B

NEW QUESTION 53

Click the Exhibit button.



Referring to the exhibit, which router becomes the OSPF DR when all routers are powered on at the same time?

- A. R3
- B. R4
- C. R1
- D. R2

Answer: D

NEW QUESTION 58

Which protocol prevents loops and calculates the best path through a switched network that contains redundant paths?

- A. VRRP
- B. STP
- C. DHCP
- D. IS-IS

Answer: B

NEW QUESTION 63

Exhibit.

Exhibit



```
[edit]
user@Router-1# show interfaces
ge-0/0/0 {
  unit 0 {
    family inet {
      address 10.10.10.33/24;
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family inet {
      address 10.1.0.254/24;
    }
    family iso {
      address 49.0003.0192.0168.0113.00;
    }
  }
}
lo0 {
  unit 0 {
    family inet {
      address 192.168.1.11/32;
    }
    family iso {
      address 49.0002.0192.0168.0111.00;
    }
  }
}
```

```
[edit]
user@Router-1# show protocols
isis {
  overload;
  level 2 disable;
  interface all;
}
ge-0/0/0 {
  unit 0 {
    family inet {
      address 10.10.10.34/24;
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family inet {
      address 10.1.0.1/16;
    }
    family iso;
  }
}
lo0 {
  unit 0 {
    family inet {
      address 192.168.1.12/32;
    }
    family iso {
      address 49.0001.0192.0168.0112.00;
    }
  }
}

[edit]
user@Router-2# show protocols
isis {
  interface all;
}
```

Referring to the exhibit, Router-1 and Router-2 are failing to form an IS-IS adjacency. What should you do to solve the problem?

- A. Remove the overloaded statement from Router-1.
- B. Change the IP subnet masks to match on the ge-0/0/2 interfaces of both routers.
- C. Remove the ISO address from ge-0/0/2 on Router-1.
- D. Change the ISO areas on the lo0 interfaces to match on both routers.

Answer: D

NEW QUESTION 64

You must implement filter-based forwarding. You need to direct traffic from 192.168.1.0/24 through vr1 and traffic from 10.210.0.128/26 through vr2. Which configuration is correct in this scenario?

- A. firewall { family inet {filter fbf-filter1 {term match-192-subnet { from {source-address {192.168.1.0/26;}}then {routing-instance vr2;}}term match-10-subnet { from {source-address { 10.210.0.128/26;}}then {routing-instance vr1;}}}}}}
- B. firewall { family inet {filter fbf-filter1 {term match-192-subnet { from {source-address {192.168.0.0/24;}}then {routing-instance vr1;}}term match-10-subnet { from {source-address { 10.210.0.128/27;}}then {routing-instance vr2;}}}}}}
- C. firewall { family inet {filter fbf-filter1 {term match-192-subnet { from {source-address { 192.168.2.0/26;}}then {routing-instance vr2;}}term match-10-subnet { from {source-address { 10.210.1.128/26;}}then {routing-instance vr1;}}}}}}
- D. firewall { family inet {filter fbf-filter1 {term match-192-subnet { from {source-address { 192.168.1.0/24;}}then {routing-instance vr1;}}term match-10-subnet { from {source-address { 10.210.0.128/26;}}then {routing-instance vr2;}}}}}}

Answer: D

NEW QUESTION 69

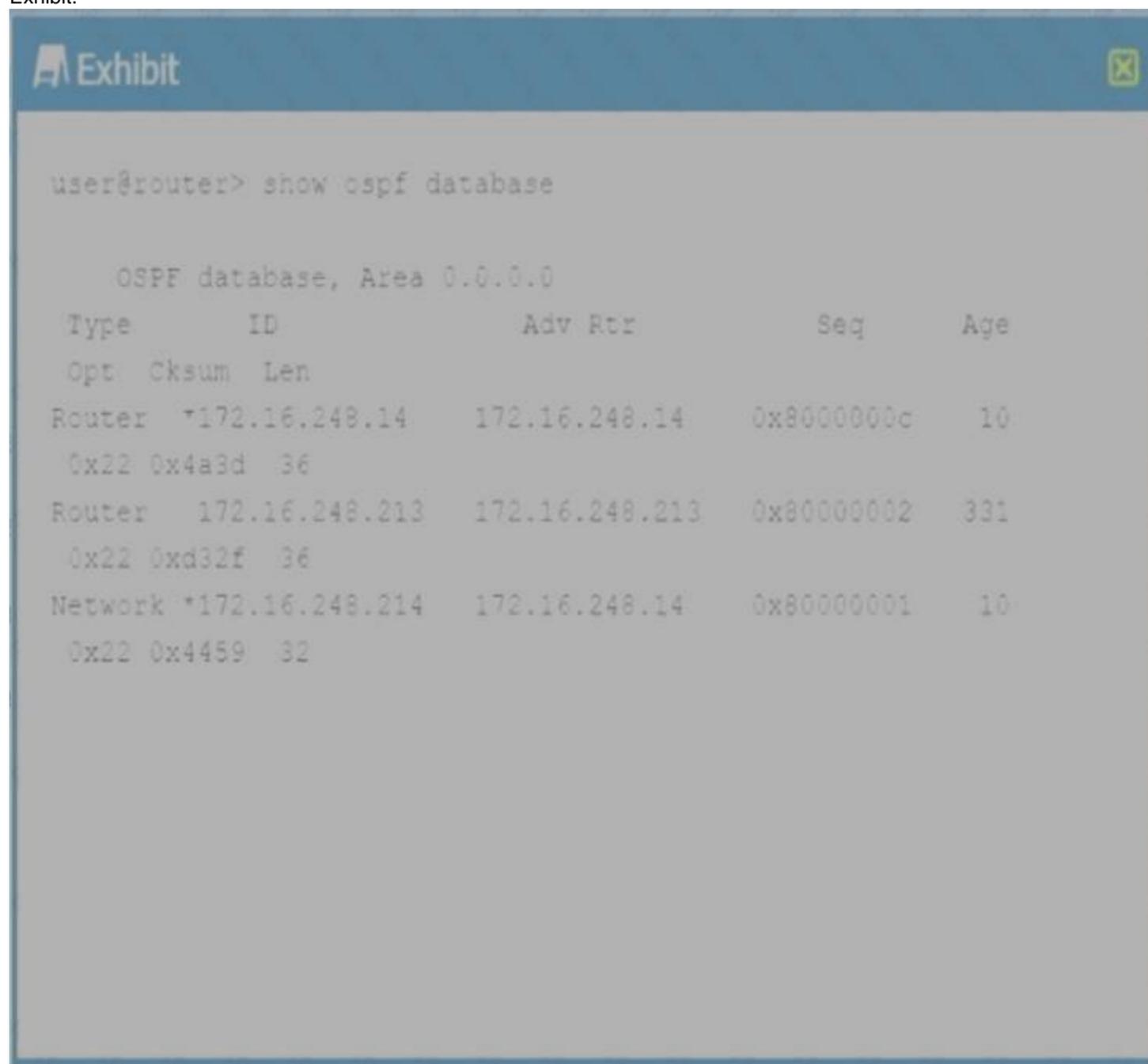
In which two STP states is a port active and a MAC address learned? (Choose two.)

- A. Blocking
- B. Forwarding
- C. Disabled
- D. Learning

Answer: BD

NEW QUESTION 71

Exhibit.



Referring to the exhibit, what do the asterisks (*) indicate?

- A. The entries are new.
- B. The router receive the entries.
- C. The entries are state.
- D. The router originated the entries.

Answer: D

NEW QUESTION 76

Which three mechanisms are associated with the bridging process? (Choose three.)

- A. blocking
- B. flooding
- C. aging

- D. filtering
- E. listening

Answer: BCD

NEW QUESTION 77

Click the Exhibit button.

```

user@router> show bgp neighbor 192.168.200.2
Peer: 192.168.200.2+179 AS 11685 Local: 192.168.200.1+49469 AS 7029
  Type: External      State: Established      Flags: <ImportEval Sync>
  Last State: OpenConfirm  Last Event: RecvKeepAlive
  Last Error: None
  Options: <Preference AddressFamily PeerAS LocalAS Rib-group Refresh>
  Address families configured: inet-unicast inet-vpn-unicast l2vpn-signaling
  Holdtime: 90 Preference: 170 Local AS: 7029 Local System AS: 0
  Number of flaps: 0
  Peer ID: 10.8.241.31      Local ID: 10.8.241.30      Active Holdtime: 90
  Keepalive Interval:30      Group index: 0      Peer index: 0
  BFD: disabled, down
  Local Interface: xe-0/2/3.0
  NLRI for restart configured on peer: inet-unicast inet-vpn-unicast l2vpn
  NLRI advertised by peer: inet-unicast
  NLRI for this session: inet-unicast
  Peer supports Refresh capability (2)
  Stale routes from peer are kept for: 300
  Peer does not support Restarter functionality
  NLRI that restart is negotiated for: inet-unicast
  NLRI of received end-of-rib markers: inet-unicast
  NLRI of all end-of-rib markers sent: inet-unicast
  Peer supports 4 byte AS extension (peer-as 11685)
  Peer does not support Addpath
  Table inet.0 Bit: 10000
    RIB State: BGP restart is complete
    Send state: in sync
    Active prefixes:          0
    Received prefixes:        0
    Accepted prefixes:        0
    Suppressed due to damping: 0
    Advertised prefixes:      0
  Last traffic (seconds): Received 17 Sent 17 Checked 17
  Input messages: Total 2      Updates 1      Refreshes 0      Octets 42
  Output messages: Total 3      Updates 0      Refreshes 0      Octets 136
  Output Queue[0]: 0
  
```

Your router is configured to peer with your ISP's router using BGP. You can only control your BGP configuration. Which address families are negotiated between the two BGP peers shown in the exhibit?

- A. inet-unicast inet-vpn-unicast l2vpn-signaling
- B. inet-unicast
- C. inet-vpn-unicast
- D. inet-unicast inet-vpn-unicast l2vpn

Answer: B

NEW QUESTION 81

Which two statements describe NSR? (Choose two)

- A. NSR provides high availability with multiple Routing Engines.
- B. NSR rapidly detects link failures.
- C. NSR provides routing loop protection.
- D. NSR requires GRES to function properly.

Answer: AD

NEW QUESTION 83

Which area is reserved for the OSPF backbone?

- A. Area 0.0.0.0
- B. Area 1.1.1.1
- C. Area 2.2.2.2
- D. Area .3.3.3.3

Answer: A

NEW QUESTION 85

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