JN0-348 Dumps

Enterprise Routing and Switching - Specialist (JNCIS-ENT)

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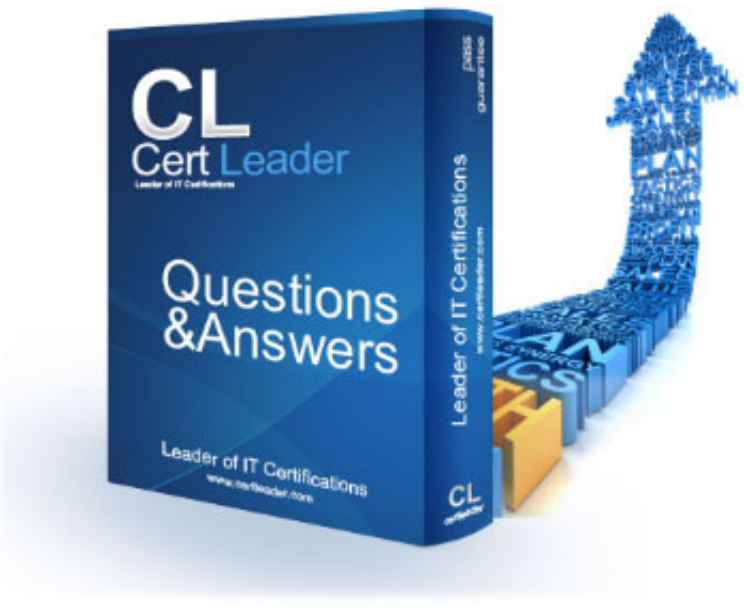


NEW QUESTION 1
You want to configure Layer 2 services over an IP-based tunneling mechanism between two sites. Which configuration statement is required to accomplish this task?

A. Set interface gr-0/0/0.0 family bridge
B. Set interface ip-00/0/0.0 encapsulation valn-bridge
C. Set interfaces gr—0/0/0.0 encapsulation vlan-bridge
D. Set interface ip-0/0/0.0 family bridge

Answer: A

NEW QUESTION 2
Exhibit.

Exhibit

```
user@router> show route 11.0.0/24
inet.0: 128 destinations, 173 routes (128 active, 0 holddown,
0 hidden)
+ = Active Route, - = Last Active, * = Both

11.0.0.102/32      *[IS-IS/18] 3w0d 01:23:29, metric 15
                      to 11.101.102.2 via ge-0/0/5.0
                    > to 11.111.112.2 via ge-0/0/6.0
11.0.0.108/32      *[IS-IS/18] 3w0d 01:23:29, metric 65
                    > to 11.101.102.2 via ge-0/0/5.0
                      to 11.111.112.2 via ge-0/0/6.0
11.0.0.109/32      *[IS-IS/18] 3w0d 01:23:19, metric 75
                    > to 11.101.102.2 via ge-0/0/5.0
                      to 11.111.112.2 via ge-0/0/6.0
11.0.0.199/32      *[IS-IS/18] 3w0d 01:23:16, metric 65545
                    > to 11.101.105.2 via ge-0/1/1.0

user@router> show route forwarding-table

Routing table: default.inet
Internet:
Destination        Type RtRef Next hop           Type Index
   NhRef Netif
11.0.0.102/32      user     1                    ulst
 1048588    16
                             11.111.112.2        ucst
      699      6 ge-0/0/6.0
11.0.0.108/32      user     0                    ulst
 1048588    16
                             11.101.102.2        ucst
      698      6 ge-0/0/5.0
                             11.111.112.2        ucst
      699      6 ge-0/0/6.0
11.0.0.109/32      user     0                    ulst
 1048588    16
                             11.101.102.2        ucst
      698      6 ge-0/0/5.0
```

Referring to the output shown in the exhibit, which statement is correct?

A. 11.0.0.108.32 is being per-flow load-balanced.
B. 11.0.0.102/32 is being per-flow load-balanced.

C. 11.0.0.108 is being per-packet load-balanced.
D. 11.0.0.102/32 is being per-packet load-balanced.

Answer: D

NEW QUESTION 3
Exhibit. What is the problem?

A. LAG requires more than two member links.
B. Aggregated interface must be defined under the chassis stanza.
C. The LAG member interfaces are configured across different line cards.
D. LACP is required for LAG to work.

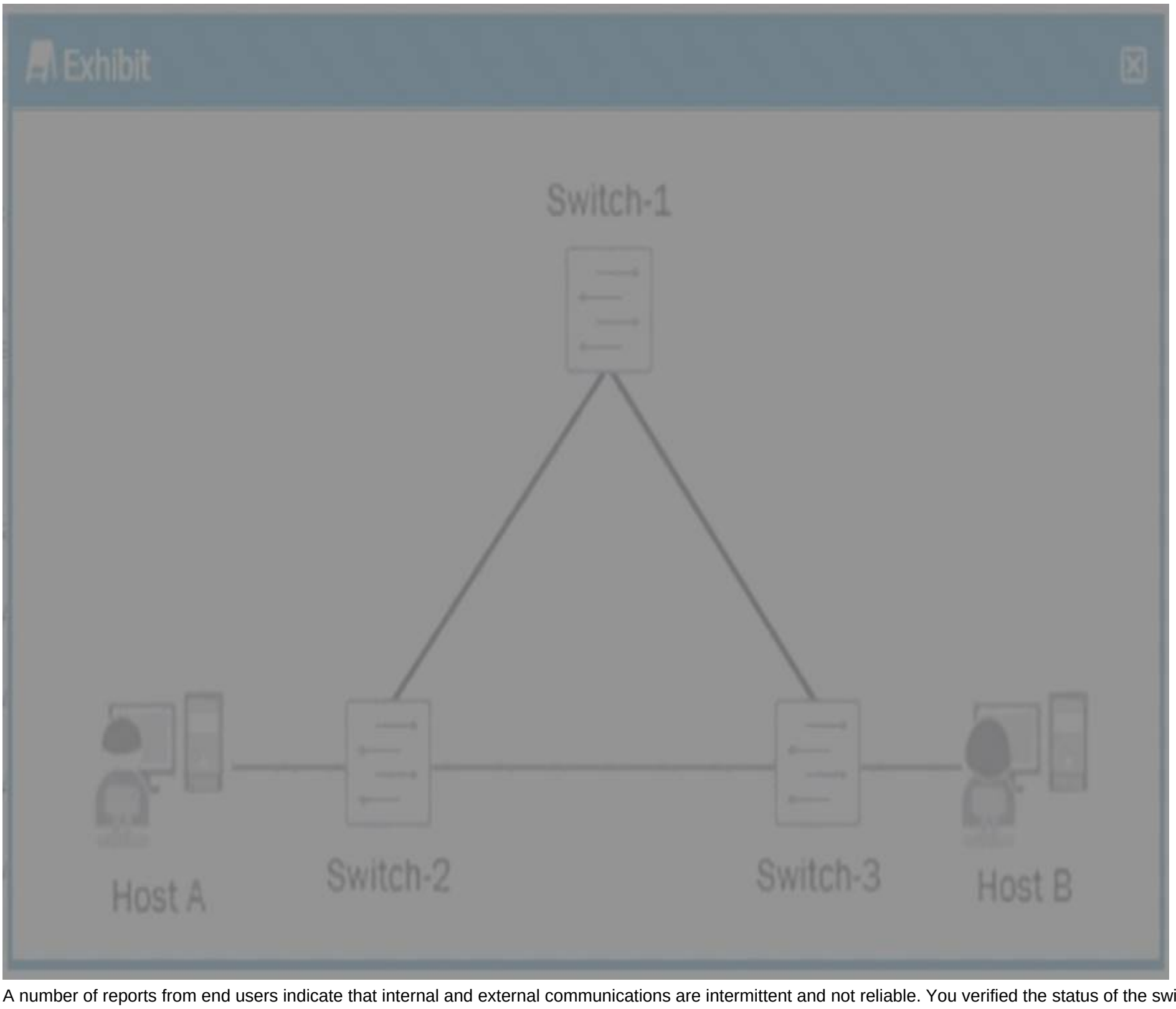
Answer: A

NEW QUESTION 4
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 5
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 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         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.

```
family iso {
address 49.0001.1921.6800.1001.00;
}
```

Which statement is correct about the ISO NET address shown in the exhibit?

A. The authority and format identifier (AFI) is 00.
B. The area identifier is 0001.
C. The system identifier is 6800.1001.00.
D. This is not a valid NET address.

Answer: B

NEW QUESTION 9
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 10
What are two characteristics of IS-IS CSNPs? (Choose two.)

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

Answer: AC

NEW QUESTION 10
Which two situations would cause dynamic ARP inspection to drop traffic? (Choose two.)

A. If no IP-to-MAC address entry exists in the DHCP snooping database
B. If the IP address in the ARP packet is deemed invalid
C. If the requested MAC address exceeds the configured limit on the port
D. If the ARP packet comes from a port that has been configured as trusted

Answer: AC

NEW QUESTION 15
Which statement is true about IP-IP tunnels?

A. The time-to-live value of the original packet Is decremented.
B. IP-IP tunnels are protocol agnostic.
C. The packet is encapsulated unchanged before entering the tunnel
D. The packet header is replaced before entering the tunnel

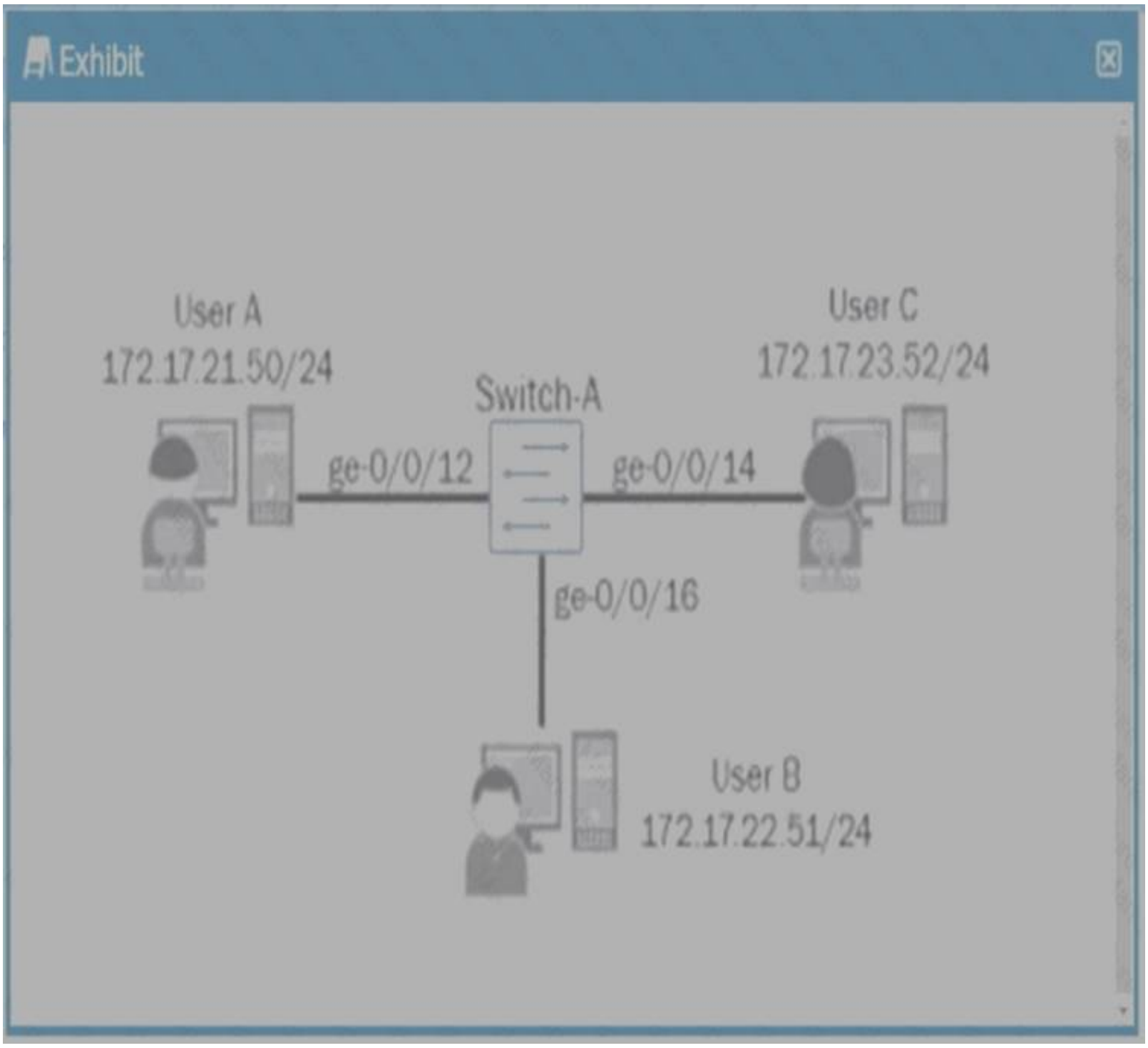
Answer: C

NEW QUESTION 17
Which device is used to separate collision domains?

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

Answer: A

NEW QUESTION 22
Exhibit.



In the exhibit, each IP subnet in the network is associated with a unique VLAN ID. Which action will ensure that Host C will communicate with Host A and Host B?

A. Configure all switch ports connecting to the host devices as access ports associated with a common VLAN.
B. Configure a port-based ACL that permits inter-VLAN routing for all configured VLANs.
C. Configure an IRB interface for each VLAN and associate It with its corresponding VLAN.
D. Configure all switch ports connecting to the host devices as trunk ports associated with all VLANs

Answer: C

NEW QUESTION 24
Your network connect to the Internet Through two different ISPs using EBGP. You must ensure that ISP1 is the primary path used for all traffic entering your network while using ISP2 as a backup path.
In this scenario, which statement is correct?

A. You should use a lower MED value on routes sent to ISP1.
B. You should assign a higher local preference on routers that you are sending to ISP1.
C. You should change the next hop for all routes sent to ISP2.
D. You should your local AS number three times on routes that you are sending to ISP2.

Answer: D

NEW QUESTION 28
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 30
Which two sequences correctly describe the processing order of firewall filters on an EX Series switch? (Choose two.)

A. router filter > VLAN filter > port filter > transmit packet
B. port filter > VLAN filter > router filter > transmit packet
C. receive packet > port filter > VLAN filter > router filter
D. receive packet > router filter > VLAN filter > port filter

Answer: BD

NEW QUESTION 35
Which two characteristics are true for EBGP peerings? (Choose two.)

A. EBGP peers must be directly connected.
B. EBGP connects peer device in the same autonomous system.
C. EBGP connect peer devices in two different autonomous systems.
D. EBGP peers can be connected over a multihop connection.

Answer: CD

NEW QUESTION 36
Which two OSPF header fields must match to form an adjacency over a broadcast connection? (Choose two.)

A. Router priority
B. Options
C. Hello interval
D. neighbor

Answer: BC

NEW QUESTION 40
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

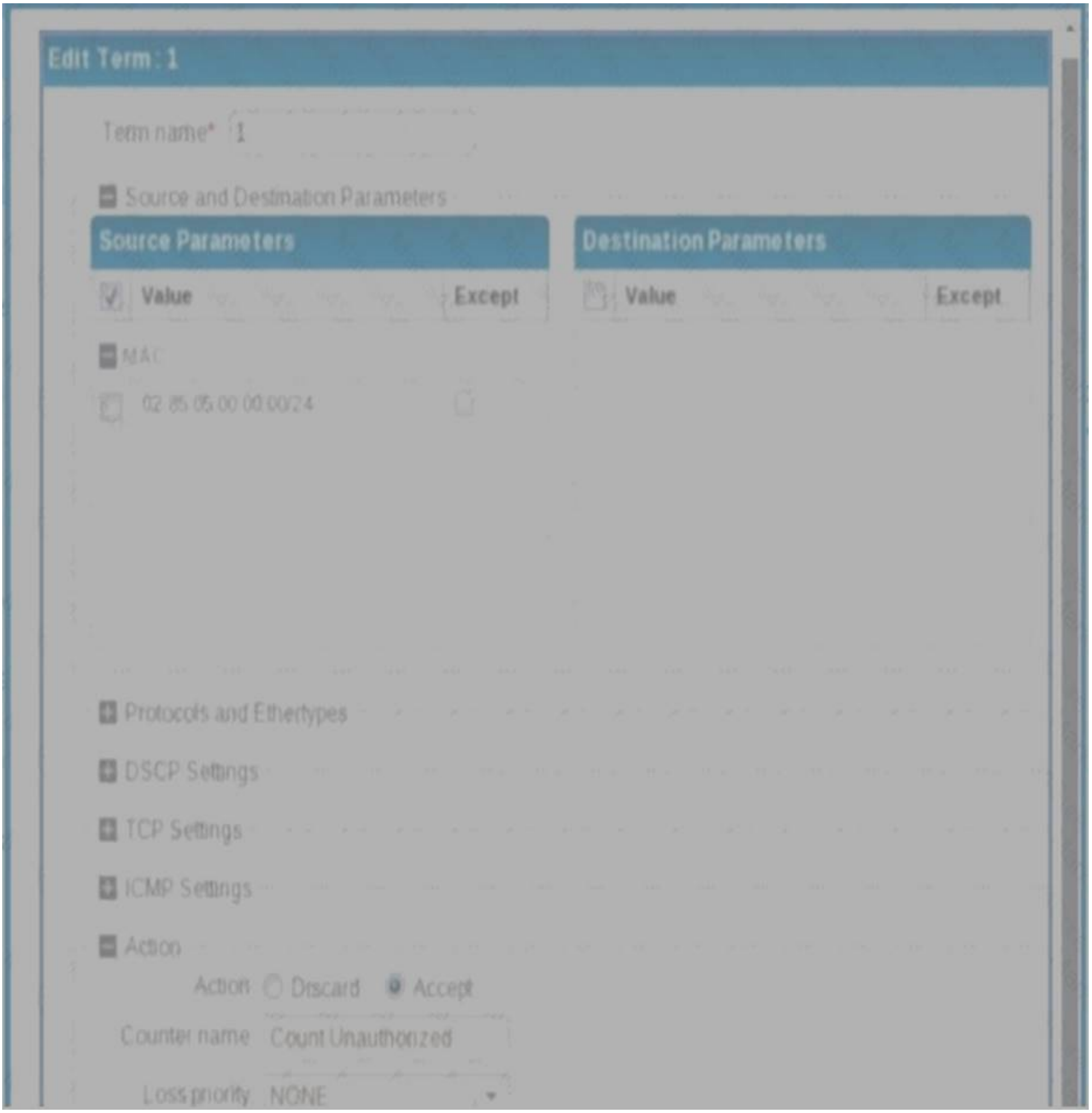
Answer: BD

NEW QUESTION 43
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 45
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 46
Your network is configured with dynamic inspection (DAI) using the default for all the DHCP and ARP related configurations> You just added a new device connected to a trunk port and configured it to obtain an IP address using DHCP.
Which two statements are correct in this scenario? (Choose two.)

A. The DHCP server assign the IP addressing information to the new device.
B. DAI validates the ARP packets for the new device against the DHCP snooping database.
C. The SRP request and response packets for the new device will bypass DAI.
D. DHCP snooping adds the DHCP assigned IP address for the device to its database.

Answer: AD

NEW QUESTION 49
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-0/0/9.0     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 53
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 172.301.1.
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 58
You have a conference room with an open network port that is used by employees to connect to the network. You are concerned about rogue switches being connected to this port
Which two features should you enable on your switch to limit access to this port? (Choose two.)

A. DHCP snooping
B. dynamic ARP inspection
C. MAC limiting
D. 802.1X

Answer: AB

NEW QUESTION 60
Which OSPF packet type is sent when an OSPF router detects its database is state?

A. Database description
B. Hello
C. Link-state acknowledgment
D. Link-state request

Answer: D

NEW QUESTION 63
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 66
Which two statements are correct regarding the root bridge election process when using ST P? (Choose two)

A. A lower system MAC address is preferred
B. A higher bridge priority is preferred
C. A lower bridge priority is preferred
D. A higher system MAC address is preferred

Answer: AC

NEW QUESTION 67
Which statement is correct about trunk ports?

A. Trunk ports mast 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 72
You have configured the route with an IS-IS metric of 2048. However, the IS-IS interface metric of 63 is being applied for the interface of this router.
What must you do to enable larger metric value?

A. Enable wide metrics.
B. Disable narrow metrics.
C. Restart the IS-IS protocol.
D. Enable level 1 IS-IS routing.

Answer: A

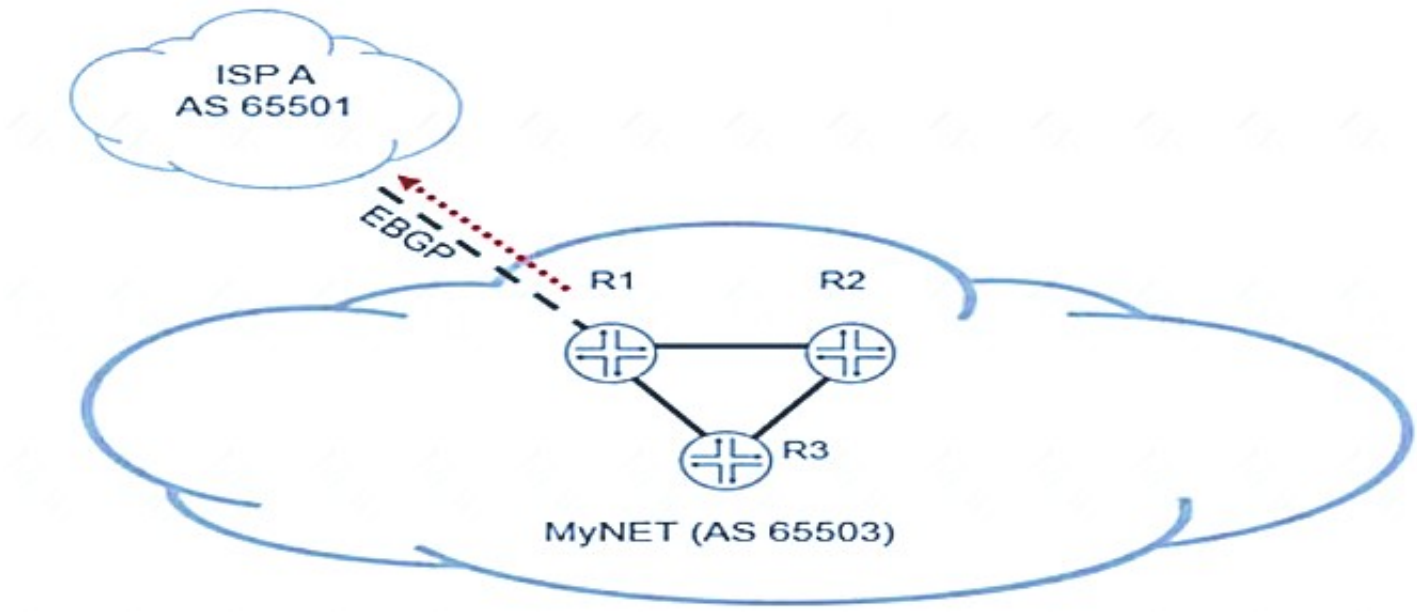
NEW QUESTION 76
Which protocol prevents loops and calculates the best path through a switched network that contains redundant paths?

A. VRRP
B. STP

C. DHCP
D. IS-IS

Answer: B

NEW QUESTION 80
Click the Exhibit button.



Referring to the exhibit, which two statements about BGP prefixes advertised by R1 to AS 65501 are true? (Choose two.)

A. R1 will modify the originator ID attribute in prefixes advertised to AS 65501
B. R1 will modify the AS path attribute in prefixes advertised to AS 65501
C. R1 will modify the next-hop attribute in prefixes advertised to AS 65501
D. R1 will modify the cluster list attribute in prefixes advertised to AS 65501

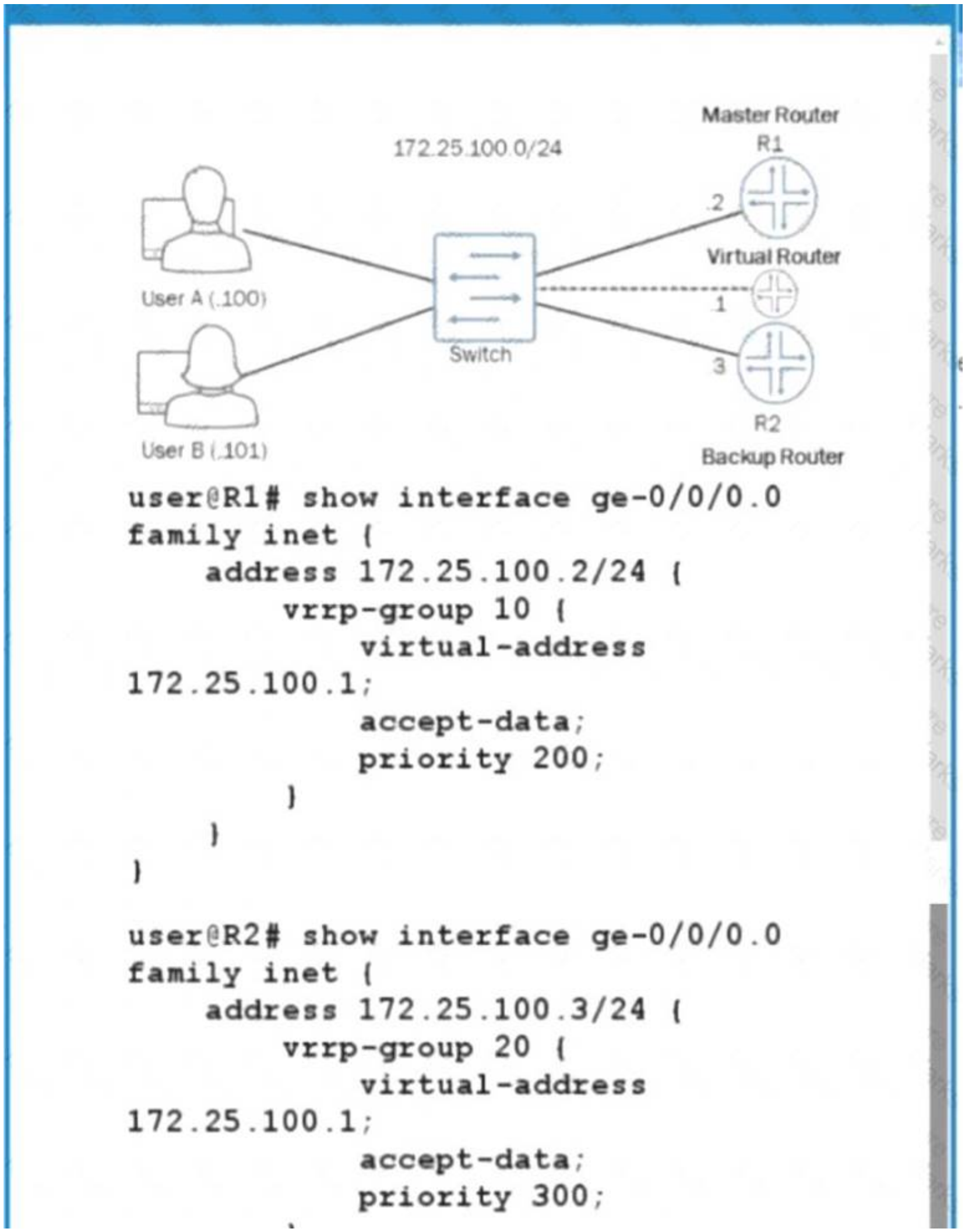
Answer: AC

NEW QUESTION 81
When configuring firewall filters, which function does the interface-specific parameter enable on an EX Series switch?

A. The interface-specific parameter is required to configure port-specific counters.
B. The interface-specific parameter is required to configure VLAN-specific counters.
C. The interface-specific parameter is required to configured VLAN-based filters.
D. The interface-specific parameter is required to configured port-based firewall filters.

Answer: A

NEW QUESTION 86
Exhibit.



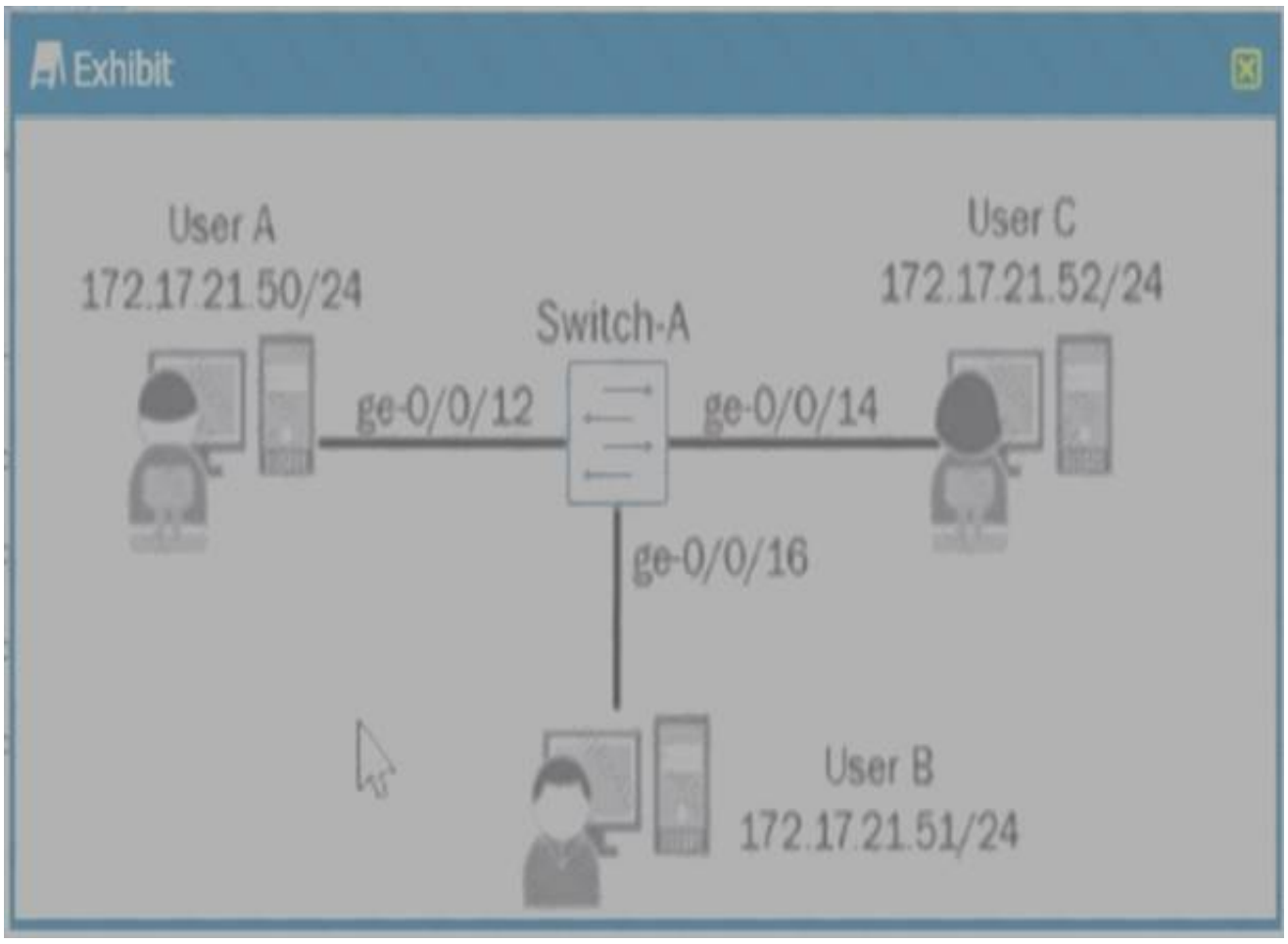

```
user@R1# show interface ge-0/0/0.0
family inet {
    address 172.25.100.2/24 {
        vrrp-group 10 {
            virtual-address
172.25.100.1;
            accept-data;
            priority 200;
        }
    }
}

user@R2# show interface ge-0/0/0.0
family inet {
    address 172.25.100.3/24 {
        vrrp-group 20 {
            virtual-address
172.25.100.1;
            accept-data;
            priority 300;
```

You are attempting to set up VRRP with R1 and R2 being participating members. You want R1 to be the master router and R2 to be the backup router with the virtual router they create being at address 172.25.100.1. The virtual router is not pinging from either User A or User B.
Referring to the exhibit, what must be done to correct the problem?

A. The VRRP group value on R1 and R2 must match.
B. A VRRP authentication type value is needed on R1 and R2.
C. A VRRP policy is needed on R1 and R2.
D. The VRRP priority value on R1 and R2 must match

Answer: A

NEW QUESTION 91
Exhibit.



In the exhibit, each IP subnet in the network is associated with a unique VLAN ID Which action wilt ensure that Host C will communicate with host A and Host B?

A. Configure an IRB interface for each VLAN and associate it with its corresponding VLAN
B. Configure all switch ports connecting to the host devices as access ports associated with a common VLAN.
C. Configure a port-based ACL that permits inter-VLAN routing for all configured VLANs.
D. Configure all switch ports connecting to the host devices as trunk ports associated with all VLANS.

Answer: B

NEW QUESTION 95
When electing a DIS in an IS-IS network, what is used to break a priority tie?

A. highest router ID
B. highest MAC address
C. lowest MAC address
D. lowest router ID

Answer: B

NEW QUESTION 100
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 104
Which statement is true about Layer 2 firewall filters on EX Series switches?

A. They are stateless and evaluated by the control plane.
B. They are stateless and evaluated by the forwarding plane.
C. They are stateful and evaluated by the forwarding plane.
D. They are stateful and evaluated by the control plane.

Answer: C

NEW QUESTION 108
Exhibit.

Exhibit

```
[edit protocols isis]
user@router# show
traceoptions {
    file isis-ts.log;
    flag all detail;
}
level 2 disable;
level 1 wide-metrics-only;
interface all;

[edit protocols isis]
user@router# top show interfaces lo0
unit 0 {
    family inet {
        address 10.10.100.1/32;
    }
    family iso {
        address 49.0001.0010.0100.0001.00;
[edit protocols isis]
user@router# run show log isis-ts.log
Mar  5 18:05:43.986944 Received L1 LAN IIH, source id vr-
device-P-1 on ge-0/0/0.0
Mar  5 18:05:43.986963     intf index 332, snpa
52:54:0:8c:b1:1a
Mar  5 18:05:43.986967     max area 0, circuit type 11,
packet length 48
Mar  5 18:05:43.986971     hold time 27, priority 64, circuit
id vr-device-P-1.00
Mar  5 18:05:43.986975     speaks IP
Mar  5 18:05:43.986978     speaks IPV6
Mar  5 18:05:43.986987     IP address 172.16.1.1
Mar  5 18:05:43.986995     area address 49.0002 (3 bytes)
Mar  5 18:05:43.986998     restart flags []
Mar  5 18:05:43.987003 ERROR: IIH from vr-device-P-1 with no
matching areas, interface ge-0/0/0.0
Mar  5 18:05:43.987006     local area  49.0001
Mar  5 18:05:43.987009     area address 49.0002 (3 bytes)
Mar  5 18:05:51.618675     restart flags []
Mar  5 18:05:59.597983 ISIS L1 periodic xmit to
01:80:c2:00:00:14 interface ge-0/0/0.0
```

Referring to the exhibit, the local router should have an IS-IS adjacency with a neighboring router, but the adjacency never establishes correctly.
What should you do to solve the problem?

A. Disable wide metrics.
B. Change the local IS-IS area ID to 49.0002.
C. Disable level 1 for the interfaces.
D. Disable level 2 for the interfaces.

Answer: B

NEW QUESTION 109
Click the Exhibit button.

```
user@R1# show interfaces lo0
unit 0 {
    family inet {
        address 10.42.0.1/32;
    }
    family iso {
        address 49.0002.0010.0042.0001.00;
    }
}

user@R1# show protocols isis
interface ge-0/0/1.0 {
    level 2 disable;
}
interface lo0.0;

user@R2# show interfaces lo0
unit 0 {
    family inet {
        address 10.42.0.2/32;
    }
    family iso {
        address 49.0001.0010.0042.0002.00;
    }
}
```

Referring to the exhibit, which configuration change is needed for an IS-IS Level 1 adjacency between R1 and R2?

A. Configure the lo0 family ISO address 49.0002.0010.0042.0002.00 on R2
B. Configure the lo0 family ISO address 49.0002.0010.0042.0002.00 on R1
C. Enable Level 2 on R1's ge-0/0/1 interface
D. Disable Level 2 on R2's ge-0/0/1 interface

Answer: A

NEW QUESTION 114
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 12vpn-signaling
B. inet-unicast
C. inet-vpn-unicast
D. inet-unicast inet-vpn-unicast 12vpn

Answer: B

NEW QUESTION 119
.....

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