JN0-347 Q&As

Enterprise Routing and Switching, Specialist (JNCIS-ENT)

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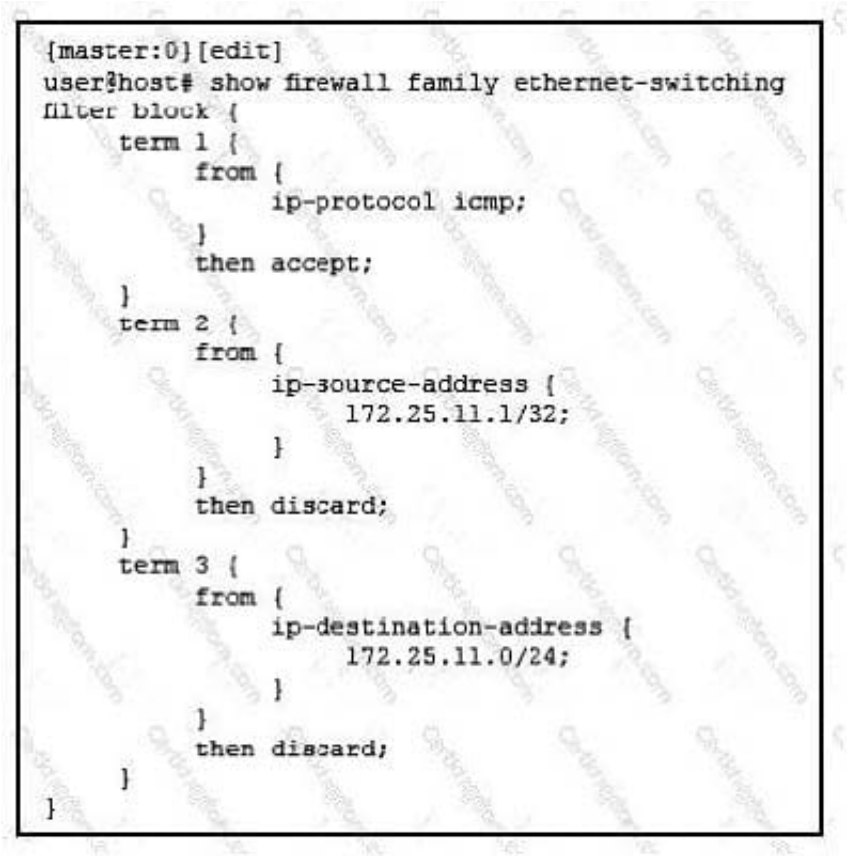
QUESTION 1

Click the Exhibit button.



```
{master:0}[edit]
user@host# show firewall family ethernet-switching
filter block {
    term 1 {
        from {
            ip-protocol icmp;
        }
        then accept;
    }
    term 2 {
        from {
            ip-source-address {
                172.25.11.1/32;
            }
        }
        then discard;
    }
    term 3 {
        from {
            ip-destination-address {
                172.25.11.0/24;
            }
        }
        then discard;
    }
}
```

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

A. All traffic destined to the 172.25.11.0/24 subnet will be discarded.

B. SSH traffic received from host IP 172.25.11.2 will be accepted.

C. Any traffic not matched by one of the terms will be discarded.

D. ICMP echo requests destined to 172.25.11.10 will be accepted.

Correct Answer: CD

QUESTION 2

Which two port security features are dependent on the DHCP snooping database? (Choose two.)

A. MAC limiting

B. dynamic ARP inspection

C. IP source guard

D. storm control

Correct Answer: BC

B: Dynamic ARP inspection (DAI) prevents Address Resolution Protocol (ARP) spoofing attacks. ARP requests and replies are compared against entries in the DHCP snooping database, and filtering decisions are made on the basis of the results of those comparisons.

C: IP source guard mitigates the effects of IP address spoofing attacks on the Ethernet LAN. With IP source guard enabled, the source IP address in the packet sent from an untrusted access interface is validated against the SourceDSN MAC address in the DHCP snooping database. The packet is forwarded if the source IP-MAC binding is valid; if the binding is not valid, the packet is discarded. You enable IP source guard on a VLAN. EX Series switches support IPv6 source guard also.

QUESTION 3

You have deployed a Juniper EX Series switch in the network. The switch receives a broadcast frame on

an interface.

Which statement describes the behavior of the switch?

A. The frame is flooded out all ports that are part of the same VLAN as the receiving port, except for the port on which the frame was received.

B. The frame is flooded out all ports in all VLANs configured on the switch.

C. The frame is re-transmitted as a multicast frame on all ports on the switch.

D. The frame is flooded out all ports that are part of the same VLAN as the receiving port, including the port on which the frame was received.

Correct Answer: A

QUESTION 4

Click the Exhibit button.

```
user@r1> show isis database extensive level 1 | find TLV
    TLVs:
        Area address: 49.0001 (3)
        Speaks: IP
        Speaks: IPV6
        IP router id: 10.100.0.1
        IP address: 10.100.0.1
        Hostname: r1
        IP prefix: 5.0.0.0/24, Internal, Metric: default 10, Up
        IP prefix: 10.100.0.1/32, Internal, Metric: default 0, Up
        IP extended prefix: 5.0.0.0/24 metric 10 up
        IP extended prefix: 10.100.0.1/32 metric 0 up
    No queued transmissions

user@r2> show isis adjancency

user@r2>

user@r2> show isis interface
IS-IS interface database:
Interface             L    CirID    Level 1 DR      Level 2 DR      L1/L2 Metric
ge-0/0/1.0            1    0x1      r2.00           Disabled        10/10
lo0.0                 0    0x1      Passive         Disabled        0/0

user@r2> show isis database extensive level 1 | find TLV
    TLVs:
        Area address: 49.0002 (3)
        Speaks: IP
        Speaks: IPV6
        IP router id: 10.200.0.1
        IP address: 10.200.0.1
        Hostname: r2
        IP prefix: 5.0.0.0/24, Internal, Metric: default 10, Up
        IP prefix: 10.200.0.1/32, Internal, Metric: default 0, Up
        IP extended prefix: 5.0.0.0/24 metric 10 up
        IP extended prefix: 10.200.0.1/32 metric 0 up
    No queued transmissions
```

You are troubleshooting an IS-IS adjacency problem as shown in the exhibit. Which action would solve the problem?

A. Configure matching authentication keys.

B. Configure the INET6 family for the loopback interface.

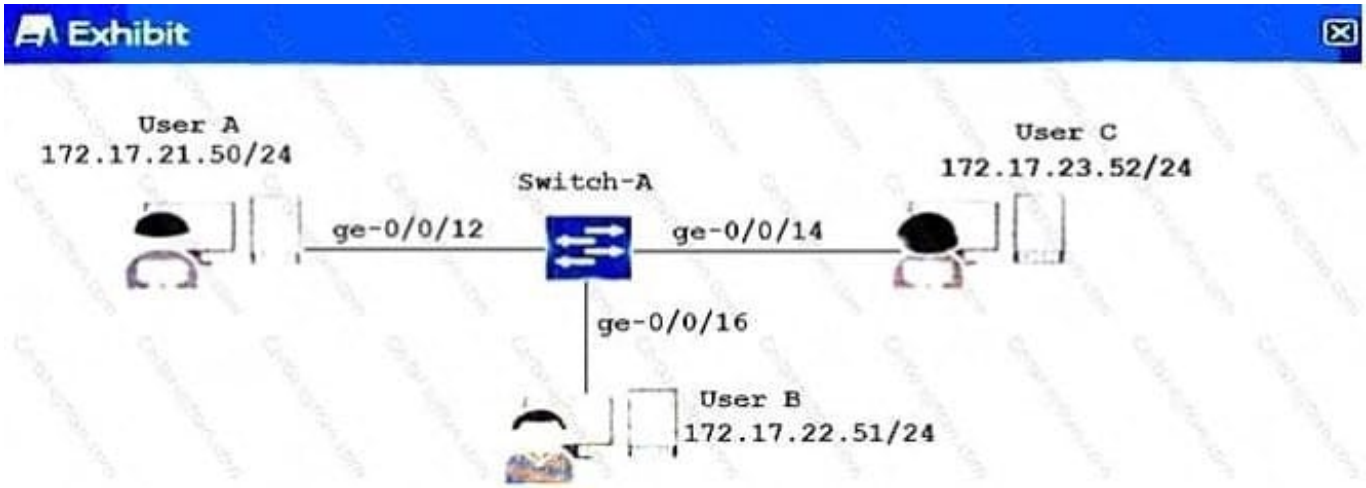
C. Configure the ISO family for the loopback interface.

D. Configure matching area IDs.

Correct Answer: D

QUESTION 5

Click the Exhibit button. 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 an IRB interface for each VLAN and associate it with its corresponding VLAN.

C. Configure all switch ports connecting to the host devices as trunk ports associated with all VLANs.

D. Configure a port-based ACL that permits inter-VLAN routing for all configured VLANs.

Correct Answer: B

Configuring Routing Between VLANs on One Switch To segment traffic on a LAN into separate broadcast domains, you create separate virtual LANs (VLANs). Of course, you also want to allow these employees to communicate with people and resources in other VLANs. To forward packets between VLANs you normally you need a router that connects the VLANs. However, you can accomplish this on a Juniper Networks switch without using a router by configuring an integrated routing and bridging (IRB) interface (also known as a routed VLAN interface-- or RVI-- in versions of Junos OS that do not support Enhanced Layer 2 Software).