Juniper

Exam JN0-691

Junos Troubleshooting

Version: 6.0

[Total Questions: 135]

Topic break down

Topic	No. of Questions
Topic 1: Volume A	65
Topic 2: Volume B	70

Topic 1, Volume A

Question No : 1 - (Topic 1)

Click the Exhibit button.

```
Exhibit

[edit]
user@host# show interfaces | match ae | display set
set interfaces ge-0/0/2 ether-options 802.3ad ae1
set interfaces ge-0/0/3 ether-options 802.3ad ae2
set interfaces ge-0/0/4 ether-options 802.3ad ae3
set interfaces ge-0/0/7 ether-options 802.3ad ae0
set interfaces ge-0/0/8 ether-options 802.3ad ae1
set interfaces ge-0/0/9 ether-options 802.3ad ae2
set interfaces ge-0/0/14 ether-options 802.3ad ae3

[edit]
user@host# run show interfaces terse
Interface              Admin Link Proto    Local               Remote
ge-0/0/1               up    down
ge-0/0/6               up    up
ge-0/0/6.0             up    up   eth-switch
ge-0/0/7               up    up
ge-0/0/8               up    up
ge-0/0/9               up    up
ge-0/0/10              up    up
ge-0/0/14              up    down
vcp-0                  down  down
vcp-0.32768            up    down
vcp-1                  down  down
vcp-1.32768            up    down
ae0                    up    down
ae1                    up    down
ae2                    up    down
bme0                   up    up
bme0.32768             up    up   inet     128.0.0.1/2
                                           128.0.0.16/2
                                           128.0.0.32/2
                            tnp      0x10
dsc                    up    up
gre                    up    up
ipip                   up    up
jsrv                   up    up
jsrv.1                 up    up   inet     128.0.0.127/2
lo0                    up    up
lo0.16384              up    up   inet     127.0.0.1          --> 0/0
lsi                    up    up
me0                    up    up
me0.0                  up    up   inet     172.18.66.106/24
mtun                   up    up
pimd                   up    up
pime                   up    up
tap                    up    up
vlan                   up    up
vlan.21                up    up   inet     172.23.21.1/24
vlan.22                up    down inet     172.23.22.1/24
vme                    up    down
```

Referring to the exhibit, you have configured the child interfaces for your link aggregation groups (LAGs) and noticed that ae3 is not showing.

What must you do to enable ae3?

A. Set minimum-links to 1 on ae3.
B. Set another child interface for ae0.
C. Use ge-0/0/10 instead of ge-0/0/14 for ae3's second child interface.
D. Set the aggregated-device count on the chassis to 4.

Answer: D

Question No : 2 - (Topic 1)

Click the Exhibit button.

Which command removes only the ARP entries associated with the ge-0/0/0.0 interface?

A. clear arp | match ge-0/0/0.0
B. clear arp hostname"10.200.14.130|10.210.14.139|10.210.14.190"
C. C.clear arp | except "ge-0/0/3|ge-0/0/4.104|ge-0/0/5.105"
D. clear arp interface ge-0/0/0

Answer: A

Question No : 3 - (Topic 1)

Which two statements are true about the Junos chassis daemon? (Choose two.)

A. You can parse the chassis daemon log to view the details and time lines for hardware events that have occurred.
B. Theshow log dcdcommand allows you to view chassis related events.
C. You cannot parse the chassis daemon log to view the details andtimelines for hardware events that have occurred.
D. Theshow log chassisdcommand allows you to view chassis related events.

Answer: A,D

Question No : 4 - (Topic 1)

What are three categories of core files on a Junos device? (Choose three.)

A. PFE
B. Process
C. FPC
D. Kernel
E. PIC

Answer: B,D,E

Question No : 5 - (Topic 1)

You must verify end-to-end connectivity within your network.

Which two troubleshooting tools meet this objective? (Choose two.)

A. ping
B. SNMP
C. traceroute
D. RMON

Answer: A,C

Question No : 6 - (Topic 1)

Which process is responsible for replicating information between Routing Engines running GRES?

A. jsrpd
B. kmd
C. ksyncd
D. chassisd

Answer: C

Question No : 7 - (Topic 1)

What is a common cause for an OSPF peering session stuck in Exstart?

A. MTU mismatch
B. subnet mismatch
C. identical router IDs
D. incorrect authentication
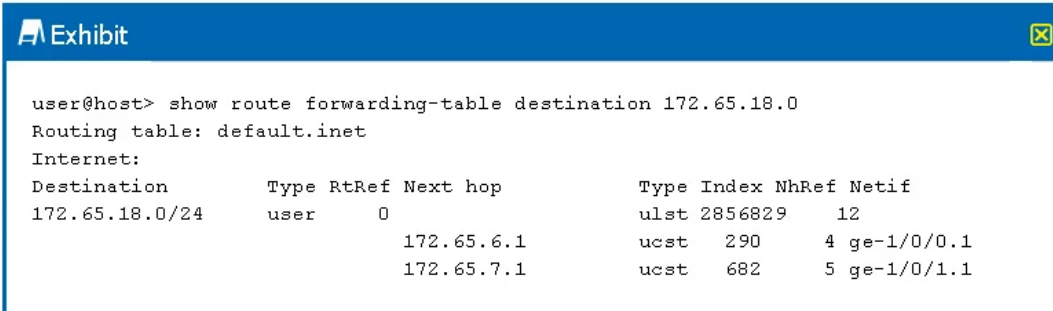
Answer: A

Question No : 8 - (Topic 1)

What are three physical interface properties? (Choose three.)

A. clocking
B. protocol family
C. maximum transmission unit
D. frame check sequence
E. virtual circuit identifier

Answer: A,C,D

Question No : 9 - (Topic 1)

Click the Exhibit button.

```
user@host> show route forwarding-table destination 172.65.18.0
Routing table: default.inet
Internet:
Destination        Type RtRef Next hop          Type Index NhRef Netif
172.65.18.0/24     user    0                    ulst 2856829   12
                              172.65.6.1         ucst   290     4 ge-1/0/0.1
                              172.65.7.1         ucst   682     5 ge-1/0/1.1
```

Referring to the exhibit, which statement is correct?

A. Traffic destined to the 172.65.18.0 network will be load-balanced across both interfaces.
B. Traffic destined to the 172.65.18.0 network will only be sent out the ge-1/0/0.1 interface.
C. Traffic destined to the 172.65.18.0 network will be silently discarded.
D. Traffic destined to the 172.65.18.0 network will only be sent out the ge-1/0/1.1 interface.

Answer: A

Question No : 10 - (Topic 1)

Click the Exhibit button.

```
⬛Exhibit                                                                ☒

user@host> show system users
 6:50PM  up 12 days, 16:31, 4 users, load averages: 0.24, 0.07, 0.02
USER     TTY     FROM                            LOGIN@  IDLE WHAT
host     u0      -                               6:45PM    - -cli (cli)

host     p0      10.210.14.132                   6:49PM    1 -cli (cli)

host     p1      10.210.14.133                   6:50PM    - -cli (cli)
host     p2      10.210.14.138                   6:53PM    - -cli (cli)
```

Referring to the exhibit, you must clear a user session that is not responding. The user is logged in using the console.

Which session must be cleared?

A. TTY session p0
B. TTY session p2
C. TTY session p1
D. TTY session u0

Answer: D

Question No : 11 - (Topic 1)

What are two configuration steps required when performing a local loopback on an Ethernet interface? (Choose two.)

A. Use theset interfaces <interface-name> mtucommand.

B. Use theinterfaces <interface-name> ether-options loopbackcommand.

C. Use theset interfaces <interface-name> clocking internalcommand.

D. Use theset interfaces <interface-name> unit <logical-unit-number> family inet address <address> arp <ip-address><mac-address>command.
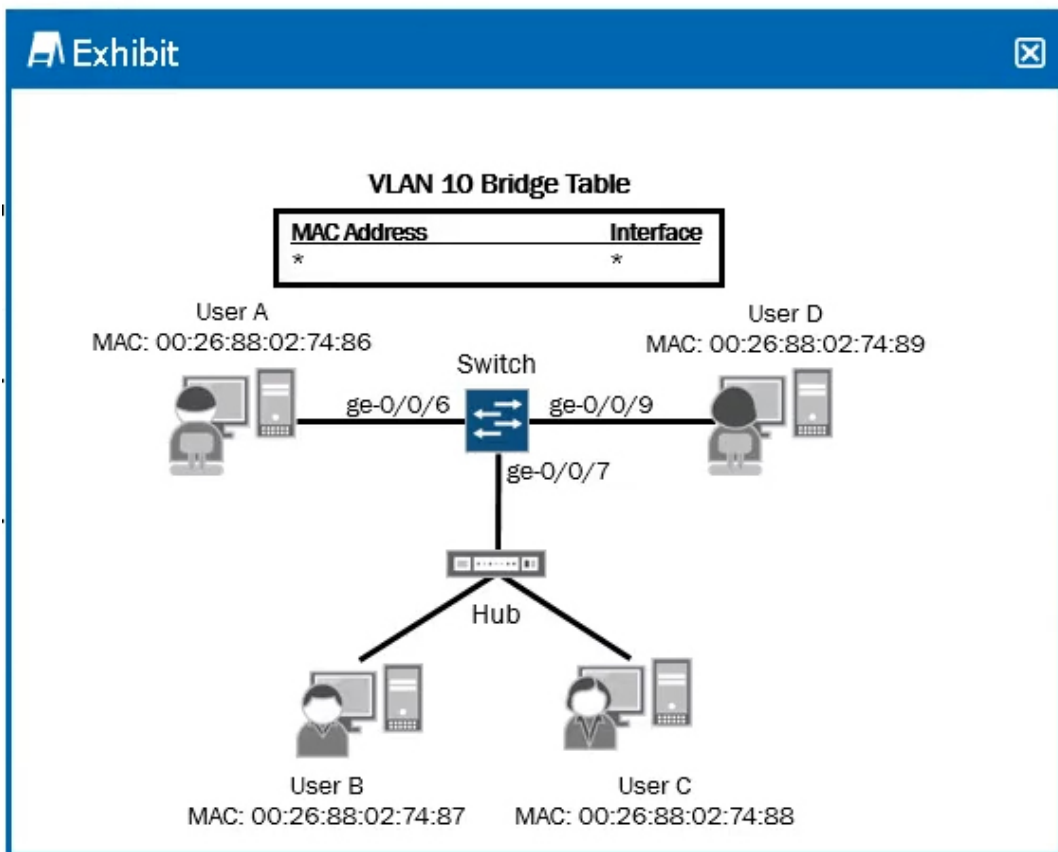
Answer: B,D

Question No : 12 - (Topic 1)

Which two actions should you perform prior to troubleshooting a problem? (Choose two.)

A. Determine what is normal in the network.

B. Reboot the system.

C. Use change-control processes.

D. Upgrade the software or firmware.

Answer: A,C

Question No : 13 - (Topic 1)

Click the Exhibit button.

Referring to the exhibit, which two behaviors are expected if User B sends a frame with a destination MAC address of 00:26:88:02:74:88? (Choose two.)

A. The frame will be received and processed by all host devices.
B. The switch will receive and forward the frame.
C. The frame will be received and processed by the User C device only.
D. The switch will receive and discard the frame.

Answer: B,C

Question No : 14 - (Topic 1)

Which outcome is expected when you configure BGP graceful restart after the BGP session is established?

A. The BGP session restarts and the peers negotiate graceful restart capabilities.
B. The BGP speaker will preserve its forwarding state for the BGP routes in the Loc-RIB.
C. The BGP session remains established and graceful restart capabilities are sent using an update message.
D. The BGP speaker will announce an End-of-RIB marker.

Answer: A

Question No : 15 - (Topic 1)

Which statement is true about an operational interface that has been deactivated?

A. The interface is admin down and link up.
B. The interface is admin up and link down.
C. The interfaceis admin up and link up.
D. The interface is admin down and link down.

Answer: D

Question No : 16 - (Topic 1)

Click the Exhibit button.


```
[edit]
user@host# run show route 192.0.0.0/24

inet.0: 24 destinations, 26 routes (23 active, 0 holddown, 1 hidden)

[edit]
user@host# run show route 192.0.0.0/24 hidden

inet.0: 24 destinations, 26 routes (23 active, 0 holddown, 1 hidden)
+ = Active Route, - = Last Active, * = Both

192.0.0.0/24        [Static/5] 00:06:23
                    > to 1.1.1.1 via ge-0/0/3.0

[edit]
user@host# show routing-options
static {
    route 192.0.0.0/24 next-hop 1.1.1.1;
}
[edit]
user@host# run show route 1.1.1.1

inet.0: 24 destinations, 26 routes (24 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

1.1.1.0/24          *[Direct/0] 1w4d 22:08:18
                    > via ge-0/0/3.0
```