

Juniper

Exam JN0-691

Junos Troubleshooting

Version: 6.0

[Total Questions: 135]

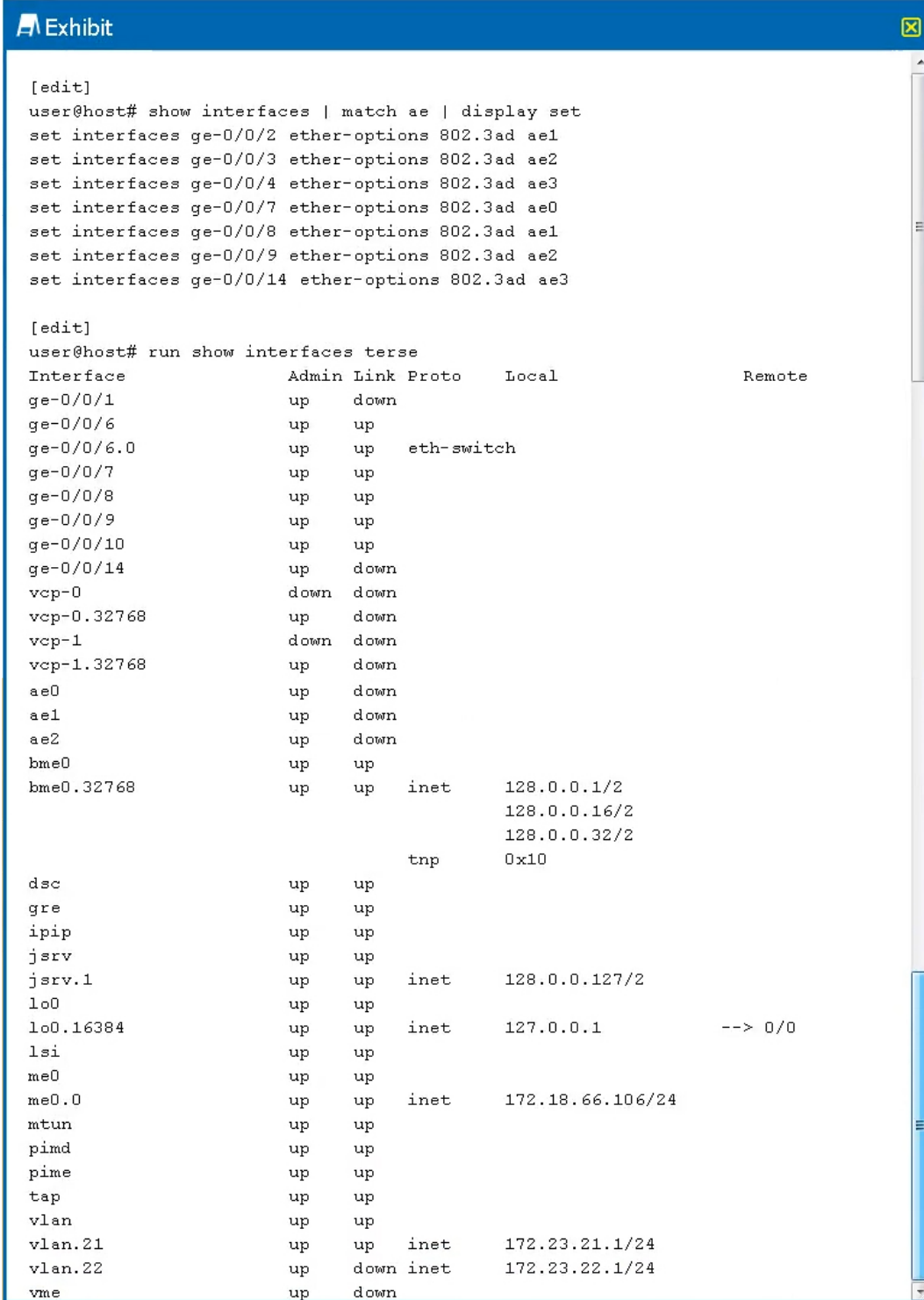
Topic break down

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.



The exhibit shows a Juniper CLI session with two commands and their outputs. The first command is `show interfaces | match ae | display set`, which lists configuration for several aggregated Ethernet interfaces. The second command is `run show interfaces terse`, which displays a table of interface status and configuration.

```
[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 and timelines 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 runningGRES?

- 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.

 Exhibit 

```
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           172.65.6.1         ucst  290   4 ge-1/0/0.1
                  172.65.7.1         ucst  682   5 ge-1/0/1.1
```

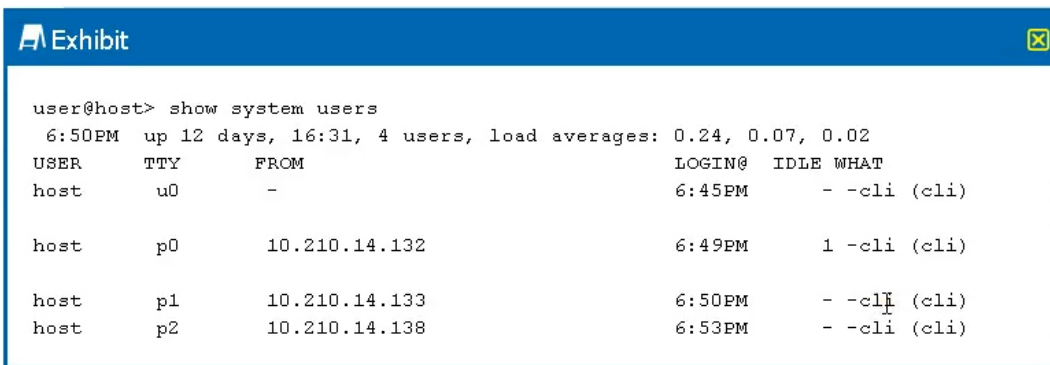
Referring to the exhibit, which statement is correct?

- 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.



```
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 the set interfaces <interface-name> mtu command.
- B. Use the interfaces <interface-name> ether-options loopback command.
- C. Use the set interfaces <interface-name> clocking internal command.
- D. Use the set 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)

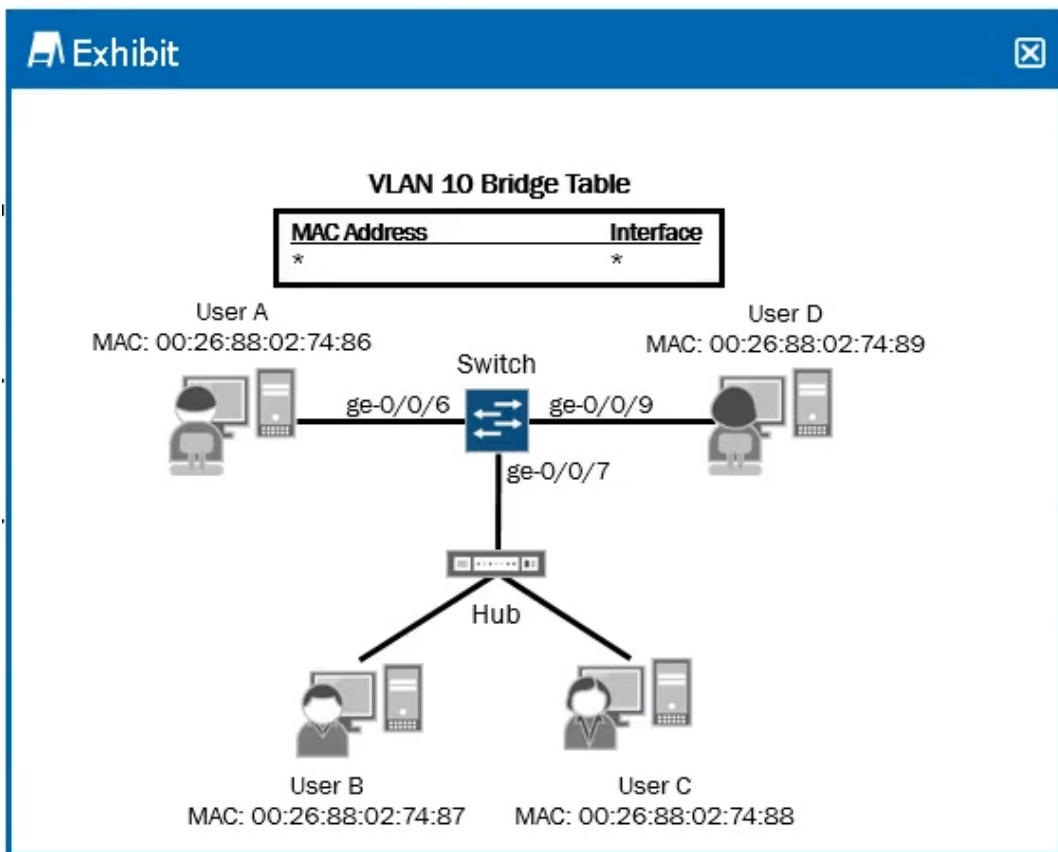
Which two actions should you perform prior to troubleshooting a problem? (Choose two.)

- 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)

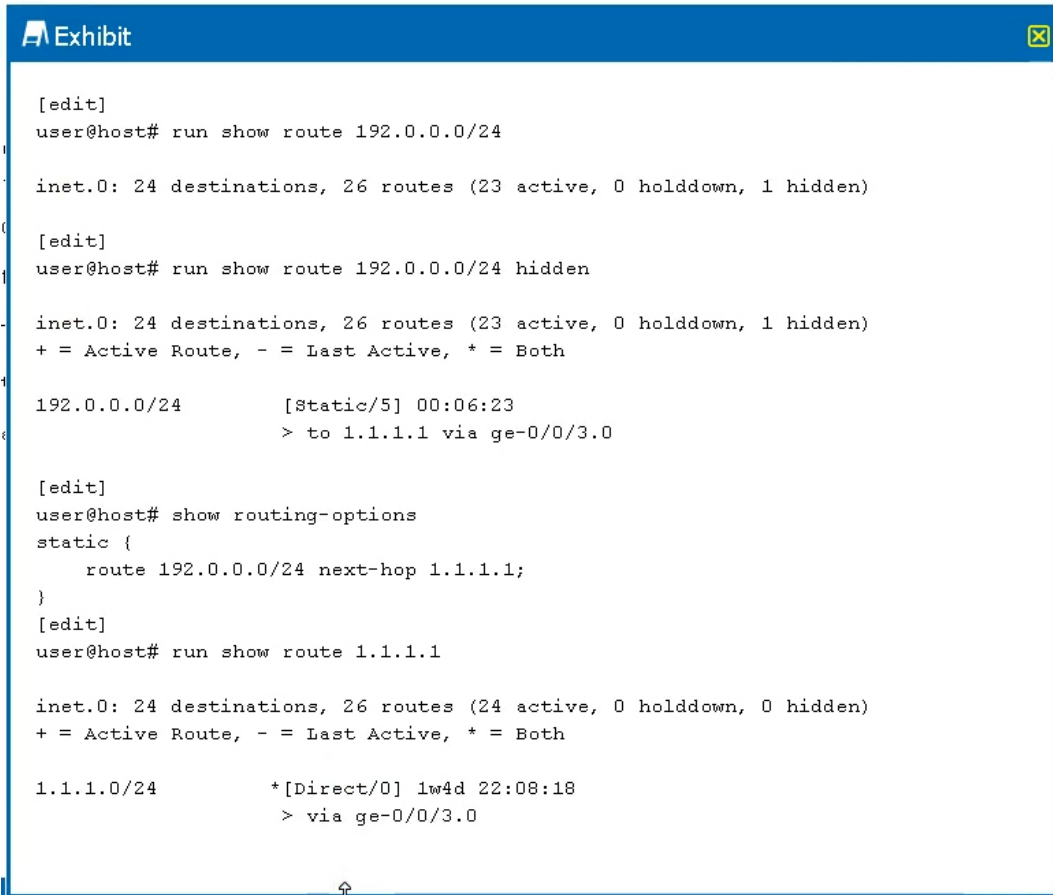
Which statement is true about an operational interface that has been deactivated?

- A. The interface is admin down and link up.
- B. The interface is admin up and link down.
- C. The interface is 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
```