



**Juniper**

## **Exam Questions JN0-104**

Junos - Associate (JNCIA-Junos)



#### NEW QUESTION 1

- (Exam Topic 1)

Which three connection protocols allow you to gather operational information from the Junos device? (Choose three.)

- A. NETCONF
- B. Telnet
- C. XML
- D. JSON
- E. SSH

**Answer:** ABE

#### NEW QUESTION 2

- (Exam Topic 1)

You just received a new factory-default Junos device.

Which two steps must be completed to connect and log in to the device? (Choose two.)

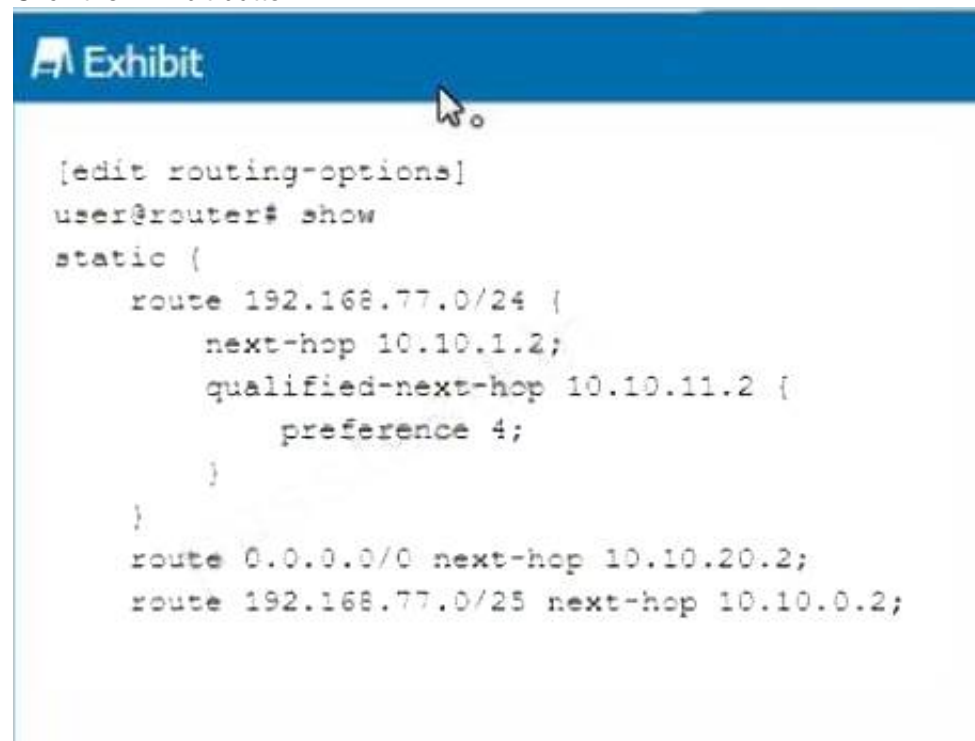
- A. Connect to the device using an SSH connection.
- B. Log in with the user root and no password.
- C. Connect to the device using the console connection.
- D. Log in with the user root and password of root123.

**Answer:** BC

#### NEW QUESTION 3

- (Exam Topic 1)

Click the Exhibit button.



Referring to the exhibit, if the router forwards traffic destined for 192.168.77.29, which next hop will be used?

- A. 10.10.1.2
- B. 10.10.11.2
- C. 10.10.0.2
- D. 10.10.20.2

**Answer:** C

#### NEW QUESTION 4

- (Exam Topic 1)

You must verify that interface ge-0/0/0.0 is administratively up and that the link is up. In this scenario, which command will accomplish this task?

- A. show configuration interfaces ge-0/0/0.0
- B. show chassis fpc pic-status
- C. show system information
- D. show interfaces terse

**Answer:** D

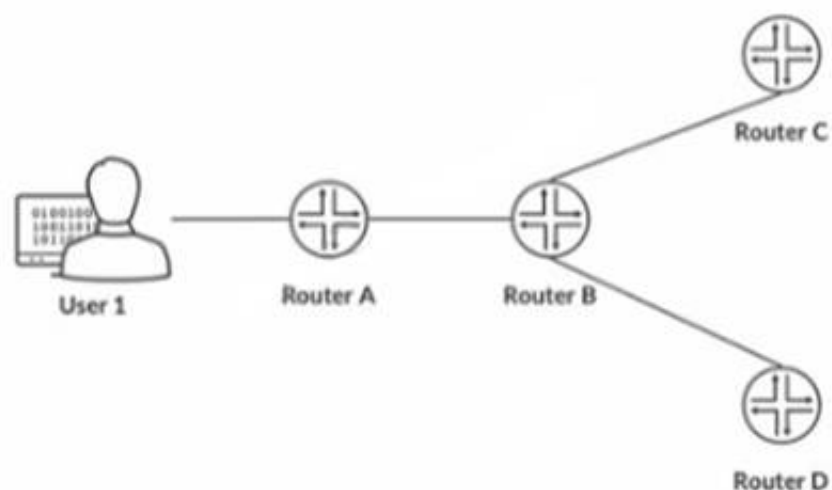
#### NEW QUESTION 5

- (Exam Topic 1)

Click the Exhibit button.



## Exhibit



User 1 pings Router C to determine its status.

Which router shown in the exhibit, treats the traffic generated by the ping command as exception traffic?

- A. Router A
- B. Router B
- C. Router D
- D. Router C

**Answer: C**

### NEW QUESTION 6

- (Exam Topic 1)

Which two statements describe firewall filters? (Choose two.)

- A. Firewall filters are applied to interfaces.
- B. Firewall filters are applied to security policies
- C. Firewall filters provide stateless security.
- D. Firewall filters provide stateful security.

**Answer: AC**

### NEW QUESTION 7

- (Exam Topic 1)

Which address correctly represents a valid abbreviation for the 2bfc:0000:0000:0000:0217:0000:fe8c:5c85/128 IPv6 address?

- A. 2bfe::217:0:fe8c:5c85/128
- B. 2bfe:0:217:-fe8c:5c85/128
- C. 2bfe::0217::fe8e:5e85/128
- D. 2bfe:0:217:0:fe8e:5ø85/128

**Answer: A**

### NEW QUESTION 8

- (Exam Topic 1)

Which two statements about login classes are correct? (Choose two.)

- A. Login class permissions can be overridden for certain commands.
- B. Users can be members of multiple login classes.
- C. Login classes define access privileges for a user.
- D. There are no system-defined login classes.

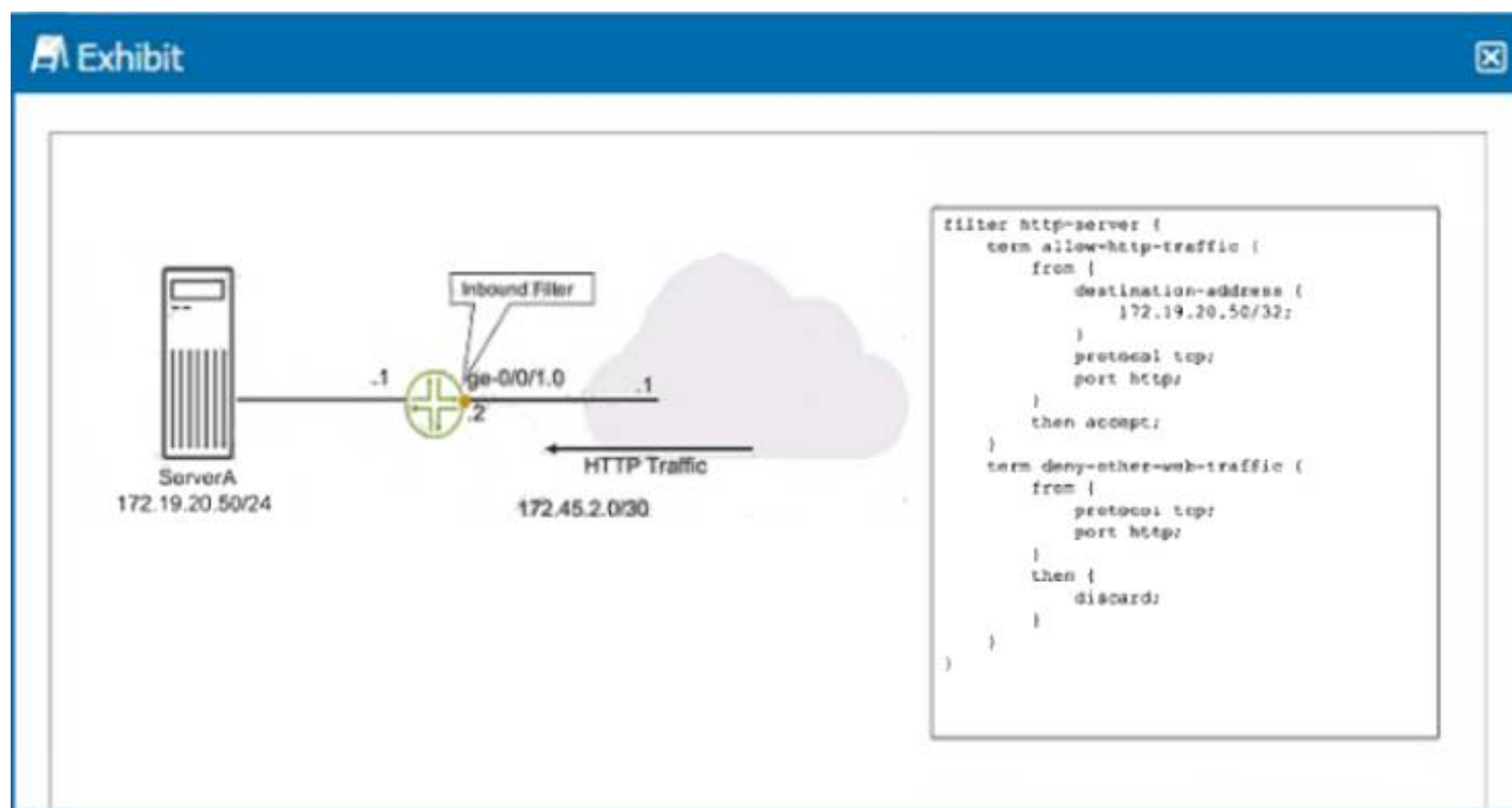
**Answer: AC**

### NEW QUESTION 9

- (Exam Topic 1)

Click the Exhibit button





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

- A. All other traffic from the Web destined to 172.19.20.50 is accepted.
- B. All other traffic from the Web destined to 172.19.20.50 is discarded
- C. The HTTP traffic destined to 172.19.20.50 is accepted.
- D. The HTTP traffic from source 172.19.20.50 is accepted.

**Answer:** BC

#### NEW QUESTION 10

- (Exam Topic 1)

What are two functions of the PFE? (Choose two.)

- A. to maintain the forwarding tables
- B. to apply the class of service function
- C. to forward transit traffic
- D. to monitor the chassis

**Answer:** AC

#### NEW QUESTION 10

- (Exam Topic 1)

You are asked to determine when a Junos device was booted Which command would you use to obtain this information?

- A. show system statistics
- B. show system commit
- C. show system information
- D. show system uptime

**Answer:** D

#### NEW QUESTION 11

- (Exam Topic 1)

Which step is required when performing a Junos software upgrade?

- A. You must create a user account named maintenance-user.
- B. You must reboot the device
- C. You must load the factory default configuration
- D. You must zeroize the device.

**Answer:** B

#### NEW QUESTION 12

- (Exam Topic 1)

What are two important steps when upgrading an SRX300 Series device? (Choose two.)

- A. Verify that enough space exists to upload the software package.
- B. Clear all alarms.
- C. Reboot the device.
- D. Verify that the NETCONF protocol is enabled.

**Answer:** AC

#### NEW QUESTION 15



- (Exam Topic 1)

Which two parameters are considered action modifiers in the firewall filters then statement? (Choose two.)

- A. next term
- B. reject
- C. policer
- D. counter

**Answer:** AB

#### NEW QUESTION 18

- (Exam Topic 1)

What are two characteristics of UDP? (Choose two.)

- A. UDP is connection-oriented.
- B. UDP packets are sent best-effort.
- C. UDP is more reliable than TCP.
- D. UDP operates at the transport layer.

**Answer:** BD

#### NEW QUESTION 21

- (Exam Topic 1)

Which layer of the OSI model does a router use to make forwarding decisions?

- A. Layer 3
- B. Layer 4
- C. Layer 5
- D. Layer 2

**Answer:** A

#### NEW QUESTION 24

- (Exam Topic 1)

Click the Exhibit button

Exhibit					
<pre>user@router&gt; show interfaces terse</pre>					
Interface	Admin	Link	Proto	Local	Remote
ge-0/0/0	up	up			
ge-0/0/0.0	up	up	inet	172.18.36.1/24	
ge-0/0/1	up	up			
ge-0/0/1.0	up	up	inet6	fd73:5d2a:f03b:15e0::1/64	
				fe80::217:cbff:fe4e:a281/64	
ge-0/0/2	up	up			
ge-0/0/2.0	down	up	inet	172.19.25.1/28	
ge-0/0/2.1	down	up	inet	10.0.0.10/24	
ge-0/0/2.2	down	up	inet	192.168.1.1/24	
...					

Referring to the exhibit, you are unable to reach devices in the 172.19.25.0/28 subnet.

What should you do to solve this problem?

- A. Enable the ge-0/0/2 interface.
- B. Enable the ge-0/0/2.2 interface.
- C. Enable the ge-0/0/2.0 interface.
- D. Enable the ge-0/0/2.1 interface.

**Answer:** C

#### NEW QUESTION 29

- (Exam Topic 2)

What is the purpose of the load merge command?

- A. to add or delete variables from the configuration based on the contents of a specified path file.
- B. to completely overwrite the current configuration with the configuration you load.
- C. to combine the current configuration with the configuration you load.
- D. to look for a replace tag in the configuration you load.

**Answer:** C

#### NEW QUESTION 31

- (Exam Topic 2)

How does the PFE determine how to forward transit traffic?



- A. The PFE performs a destination lookup based on its own routing table.
- B. The PFE determines network destinations itself based on the RE's routing table.
- C. The PFE uses the following table provided by the RE.
- D. The PFE uses the routing table provided by the RE.

**Answer:** C

#### NEW QUESTION 32

- (Exam Topic 2)

Which command verifies configuration syntax without applying the changes?

- A. commit and –quit
- B. commit check
- C. commit comment
- D. commit confirmed

**Answer:** B

#### NEW QUESTION 34

- (Exam Topic 2)

Which two keystrokes are used to auto-complete commands? (Choose two.)

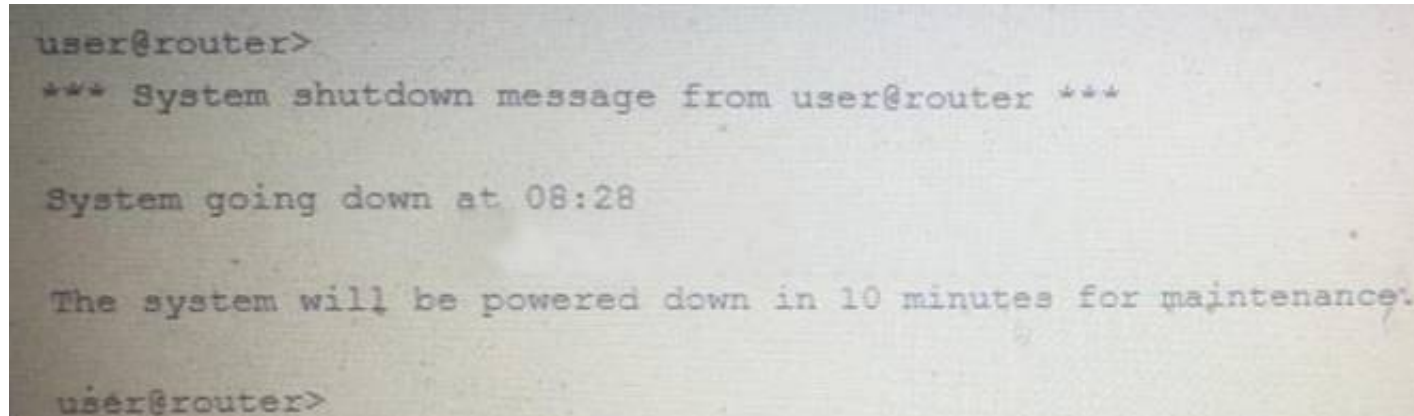
- A. Spacebar
- B. Esc
- C. Tab
- D. End

**Answer:** AC

#### NEW QUESTION 39

- (Exam Topic 2)

Exhibit:



```
user@router>
*** System shutdown message from user@router ***

System going down at 08:28

The system will be powered down in 10 minutes for maintenance.

user@router>
```

While working on a Junos Device, you receive the message shown. In this scenario, what would you do to stop the shutdown process?

- A. Issue the clear system commit command
- B. Issue the clear system reboot command
- C. Issue the request system halt in command
- D. Issue the request system power-off in command

**Answer:** B

#### NEW QUESTION 43

- (Exam Topic 2)

Referring to the exhibit, what information is provided about the route to 192.168.47.0/24? (Choose two.)

- A. There are two active routes to 192.168.47.0/24.
- B. There is a single active route to 192.168.47.0/24.
- C. There are two next hops available to 192.168.47.0/24.
- D. There is a single next hop available to 192.168.47.0/24.

**Answer:** BC

#### NEW QUESTION 46

- (Exam Topic 2)

In which directory the traceoption files stored by default?

- A. /var/db/
- B. /var/tmp/
- C. /var/log/
- D. /var/home/

**Answer:** C



#### NEW QUESTION 50

- (Exam Topic 2)

What are three acceptable modifiers to a terminating action on a firewall filter? (Choose three.)

- A. policer
- B. count
- C. log
- D. discard
- E. syslog

**Answer:** BCE

#### NEW QUESTION 52

- (Exam Topic 2)

What are three interface prefixes for a 40-gigabit interface? (Choose three.)

- A. et
- B. es
- C. fte
- D. xe
- E. xle

**Answer:** ABE

#### NEW QUESTION 57

- (Exam Topic 2)

```
[edit]
user@router# show interfaces
ge-0/0/2 {
    unit 0 {
        family inet {
            address 172.16.10.1/24;
        }
    }
}
```

Referring to the exhibit, which command will change the 172.16.10.1/24 IP address to 172.16.100.1/24 IP address?

- A. copy interfaces ge-0/0/2 unit 0 family inet address 172.16.10.1/24 to address 172.16.100.1/24
- B. set interfaces ge-0/0/2 unit 0 family inet address 172.16.100.1/24
- C. rename interfaces ge-0/0/2 unit 0 family inet address 172.16.10.1/24 to address 172.16.100.1/24
- D. insert interface ge-0/0/2 unit 0 family inet address 172.16.10.1/24 before address 172.16.100.1/24

**Answer:** C

#### Explanation:

[https://www.juniper.net/documentation/en\\_US/junos/topics/reference/command-summary/rename.html](https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/rename.html)

#### NEW QUESTION 62

- (Exam Topic 2)

What does the "3" in Junos version 14.2R3.2 represent?

- A. a single-threaded version of the Junos OS.
- B. a major release number.
- C. a minor release number.
- D. a service build number.

**Answer:** C

#### NEW QUESTION 67

- (Exam Topic 2)

What configuration parameter on a Junos device modifies the default next-hop resolution behavior of a static route?

- A. Resolve
- B. No-readvertise
- C. Passive
- D. Preference

**Answer:** A

#### NEW QUESTION 71

- (Exam Topic 2)

What are two protocols that the Junos OS uses to archive configuration files remotely? (Choose two.)

- A. SCP
- B. HTTP
- C. SFTP



D. FTP

**Answer:** AD

#### NEW QUESTION 75

- (Exam Topic 2)

The marketing team needs access to a server on subnet 172.0.46.0/24. The next- hop router is 10.0.4.2/30. A static route on their gateway has been configured to accomplish the task. You want to keep the static route from being redistributed into dynamic routing protocols. Which command will satisfy this requirement?

- A. set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30
- B. set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30 no-resolve
- C. set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30 no-redistribute
- D. set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30 no readvertise

**Answer:** A

#### NEW QUESTION 79

- (Exam Topic 2)

You are performing the initial configuration of an SRX Series device.

What must you set before the device will allow you to commit your configuration?

- A. management interface
- B. system time
- C. hostname
- D. root authentication

**Answer:** D

#### NEW QUESTION 84

- (Exam Topic 2)

What's is the minimum system-defined user class required to issue clear commands?

- A. read-only
- B. operator
- C. authorized
- D. super-user

**Answer:** B

#### NEW QUESTION 87

- (Exam Topic 2)

What are two modes of unicast reverse path forwarding? (Choose two.)

- A. Strict
- B. High
- C. Low
- D. Loose

**Answer:** AD

#### Explanation:

There are two modes of unicast RPF, strict mode, and loose mode. The default is strict mode, which means t switch forwards a packet only if the receiving interface is the best return path to the packet's unicast source address.

[https://www.juniper.net/documentation/en\\_US/junos/topics/topic-map/l3-vpns-unicast-reverse-path.html#:~:text=](https://www.juniper.net/documentation/en_US/junos/topics/topic-map/l3-vpns-unicast-reverse-path.html#:~:text=)

#### NEW QUESTION 91

- (Exam Topic 2)

Which three protocols are connectionless? (Choose three.)

- A. ICMP
- B. Telnet
- C. SSH
- D. TFTP
- E. DNS

**Answer:** ADE

#### NEW QUESTION 93

- (Exam Topic 2)

Which keystroke combination allows users to move the cursor to the beginning of the command line without deleting text?

- A. Ctrl + u
- B. Ctrl + w
- C. Ctrl + a
- D. Ctrl + b



Answer: C

#### NEW QUESTION 96

- (Exam Topic 2)

Which two platforms are supposed in both physical and virtual form factors? Choose TWO

- A. NFX Series
- B. ACX Series
- C. SRX Series
- D. MX Series

Answer: CD

#### NEW QUESTION 101

- (Exam Topic 2)

Which command displays the output shown in the exhibit?

Fan speed	Yellow alarm		Red alarm		Fire Shutdown		
	(degrees C)		(degrees C)		(degrees C)		(degrees C)
Item	Normal	High	Normal	Bad fan	Normal	Bad fan	Normal
Chassis default	48	54	65	55	75	65	100
Routing Engine 0	55	80	95	95	105	100	108

- A. show chassis temperature-thresholds
- B. show chassis environment
- C. show chassis hardware
- D. show chassis alarms

Answer: A

#### NEW QUESTION 102

- (Exam Topic 2)

Click the Exhibit button.

```
[edit]
user@router# show interfaces
ge-0/0/2 {
  unit 0 {
    family inet {
      address 172.17.23.10/30;
    }
  }
}
```

Your Junos device is using the configuration shown in the exhibit. You notice that the 172.17.23.10/30 address is incorrect and should be 172.17.23.9/30. What are two commands that would solve this problem? (choose two.)

- A. [edit interfaces]user@router# delete ge-0/0/2.0 family inet address 172-17.23.10
- B. [edit interfaces]user@router# rename ge-0/0/2.0 family inet address 172.17.23-10/30 to address 172.17.23.9/30
- C. [edit interfaces]user@router# replace pattern 1721723.10 with 172.17.23.9
- D. [edit interfaces]user@router# set ge-0/0/2.0 family inet address

Answer: BC

#### NEW QUESTION 103

- (Exam Topic 2)

You are connected to your Junos device using an SSH connection to the txp0 interface. No other interfaces are currently configured and unreachable from your management network. How would you reestablish communication with the device?

- A. Establish a SSH connection to the loopback interface
- B. Unplug the network cable and plug it back in
- C. Power off and power on the device
- D. Connect to the console of the device

Answer: D

#### NEW QUESTION 105

- (Exam Topic 2)

Which process is responsible for controlling all interfaces on a Junos device?

- A. rpd
- B. chassisd
- C. dcd



D. mgd

**Answer:** C

#### NEW QUESTION 110

- (Exam Topic 2)

```
user@router> show route
```

```
inet.0: 1222 destinations, 1525 routes (1222 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both
```

```
0.0.0.0/0          *[Static/5] 1w2d 22:59:01
                   > to 10.10.10.1 via fxp0.0
10.10.10.0/25      *[Direct/0] 1w2d 22:59:01
                   > via fxp0.0
                   [Direct/0] 1w2d 22:58:57
                   > via fxp0.0
10.10.10.7/32      *[Local/0] 1w2d 22:59:01
                   Local via fxp0.0
10.10.10.9/32      *[Local/0] 1w2d 22:58:57
                   Local via fxp0.0
10.200.200.0/23    *[Direct/0] 1w2d 22:30:24
                   > via xe-0/0/3.100
```

Referring to the exhibit, what does the number inside the square brackets represent?

- A. local preference
- B. metric
- C. protocol reference number
- D. route preference

**Answer:** B

#### NEW QUESTION 111

- (Exam Topic 2)

Which two platforms are supported in physical and virtual form factors? (Choose two.)

- A. NFX Series
- B. SRX Series
- C. MX Series
- D. ACX Series

**Answer:** BC

#### NEW QUESTION 114

- (Exam Topic 2)

Given the following configuration,

```
set system authentication-order [ tacplus ]
```

Which two statements are correct? (Choose two.)

- A. If the TACACS+ server is available and rejects the username/password provided, the user is not allowed to access the device.
- B. If the TACACS+ server is available and rejects the username/password provided, the local password database is checked.
- C. If the TACACS+ server is not available, the user is not allowed to access the device.
- D. If the TACACS+ server is not available, the local user database is checked.

**Answer:** CD

#### NEW QUESTION 115

- (Exam Topic 2)

Which routing table is used for multicasting forwarding cache?

- A. Inet.3
- B. Inet.0
- C. Inet.1
- D. Inet.2

**Answer:** C

#### NEW QUESTION 120

- (Exam Topic 2)

The monitor traffic command provides access to which utility?

- A. tcpdump
- B. telnet
- C. traceroute
- D. netstat



**Answer:** A

#### NEW QUESTION 125

- (Exam Topic 2)

Given the configuration shown below: set system authentication-order [tacplus] Which two statement are correct? (Choose two.)

- A. If the TACACS+ server is no available, the user is not allowed to access the device.
- B. If the TACACS+ server is no available, the local database is checked.
- C. If the TACACS+ server is available, and rejects the username/password provided, the local password database is checked.
- D. If the TACACS+ server is available, and rejects the username/password provided, the user is not allowed to access the device.

**Answer:** BD

#### NEW QUESTION 129

- (Exam Topic 2)

Which statement is true when using the allow command and deny command attributes when creating user permissions?

- A. If you allow and deny the same commands, the Junos OS will fail the commit check.
- B. If you allow and deny the same command, the allow command permissions take precedence over the deny command permissions.
- C. If you specify a regular expression for allow and deny with two variants of a command, both will be ignored.
- D. The all login class permission bits take precedence over allow and deny when a user issues the rollback command.

**Answer:** B

#### NEW QUESTION 134

- (Exam Topic 2)

Which parameter would you use to prohibit the redistribution of a static route used for management traffic?

- A. no-readvertise
- B. discard
- C. reject
- D. passive

**Answer:** A

#### NEW QUESTION 136

- (Exam Topic 2)

Which command is used to replace the current configuration?

- A. load replace
- B. load patch
- C. load override
- D. load set

**Answer:** C

#### NEW QUESTION 137

- (Exam Topic 2)

You successfully established a BGP session with peer, but do not see any routes learned from the peer, What would cause this problem?

- A. A routing policy is blocking BGP from learning the routes
- B. Unicast reverse-path-forwarding is blocking BGP from learning the routes
- C. A security policy is blocking BGP from learning the routes
- D. The firewall filter is blocking the BGP from learning the routes

**Answer:** A

#### NEW QUESTION 138

- (Exam Topic 2)

For the interface ge-1/2/3.4, what does "ge" represent?

- A. SONET/SDH
- B. Gigabit EthernetC Aggregated Ethernet
- C. GRE

**Answer:** B

#### NEW QUESTION 143

- (Exam Topic 2)

What is the default route preference for OSPF internal?

- A. 100
- B. 150
- C. 5
- D. 10



**Answer:** D

**NEW QUESTION 147**

- (Exam Topic 2)

What are three firewall filter terminating actions? (Choose three.)

- A. discard
- B. reject
- C. log
- D. accept
- E. drop

**Answer:** ABE

**NEW QUESTION 148**

- (Exam Topic 2)

Referring to the exhibit, which statement is true?

- A. The customer has set the version parameter to automatic.
- B. The customer has not enabled security for BFD.
- C. The customer's link will failover in nine seconds.
- D. The customer's link flappedd within the last hour.

**Answer:** D

**NEW QUESTION 152**

- (Exam Topic 2)

Which two commands would you use to reset the candidate configuration to the active configuration? (Choose two.)

- A. rollback 0
- B. rollback 1
- C. rollback 2
- D. rollback

**Answer:** AD

**NEW QUESTION 153**

- (Exam Topic 2)

Exhibit:

```
[edit snmp]
user@router# show
community my-community {
    authorization read-only;
    clients {
        10.21.15.16/32;
    }
}
trap-group my-first-trap-group {
    version v2;
    categories {
        chassis;
        link;
    }
    targets {
        10.21.15.180;
    }
}
trap-group my-second-trap-group {
    targets {
        10.21.15.181;
    }
}
```

Referring to the exhibit, which statement is true?

- A. Traps are allowed from 10.21.15.180
- B. Traps are sent to 10.21.15.180
- C. Traps are sent to 10.21.15.16
- D. Traps are allowed from 10.21.15.16

**Answer:** D

**NEW QUESTION 158**

- (Exam Topic 2)

When a system process encounters an error, how does the Junos OS protect the other processes from being impacted?

- A. The Junos OS executes only one process at a time.



- B. Each routing protocol runs as an individual process.
- C. Each process operates in its own shared memory space.
- D. The Junos OS executes multiple processes simultaneously.

**Answer:** C

**Explanation:**

<http://juniper-basic.blogspot.com/2017/02/juniper-basic.html>

Junos OS functionality is compartmentalized into multiple software processes. Each process handles a portion of the device's functionality. Each process runs in its own protected memory space, ensuring that one process cannot directly interfere with another. When a single process fails, the entire system does not necessarily fail. This modularity also ensures that new features can be added with less likelihood of breaking current functionality. The Junos OS is the trusted, secure network operating system powering the high-performance network infrastructure offered by Juniper Networks. The Junos kernel is based on the FreeBSD UNIX operating system, which is an open-source software system.

**NEW QUESTION 161**

- (Exam Topic 2)

In which directory are trace option files stored by default?

- A. /var/tmp/
- B. /var/log/
- C. /var/home/
- D. /var/db/

**Answer:** B

**NEW QUESTION 165**

- (Exam Topic 2)

Which command displays all IPv4 routes in the default routing instance?

- A. show route table inet.0
- B. show route table inet.2
- C. show route table inet6.0
- D. show route table inet.1

**Answer:** A

**NEW QUESTION 168**

- (Exam Topic 2)

Which set of IP addresses are in the same subnet?

- A. 185.114.16.91/28 and 185.114.16.96/28
- B. 185.114.16.77/28 and 185.114.16.82/28
- C. 185.114.16.40/28 and 185.114.16.45/28
- D. 185.114.16.59/28 and 185.114.16.82/28

**Answer:** C

**NEW QUESTION 172**

- (Exam Topic 2)

Which command causes the Junos OS to temporarily activate a configuration?

- A. commit and-quit
- B. commit synchronize
- C. commit check
- D. commit confirmed

**Answer:** D

**NEW QUESTION 173**

- (Exam Topic 2)

Which keystroke is used to auto-complete user-defined variables?

- A. Spacebar
- B. Home
- C. Esc
- D. Tab

**Answer:** D

**NEW QUESTION 174**

- (Exam Topic 2)

You must configure the 2bfc:0000:0000:beef:0217:cbff:0000:5c85 IPv6 address on your device. In this scenario, which three addresses are correct? (Choose three.)

- A. 2bfc::beef:217:cbff:0:5c85
- B. 2bfc:0:0:beef:0217:cbff:0:5c85
- C. 2BFcBEEF:0217:CBFF:0:5C85



D. 2bfc:0:beef:0217:cbff:0:5c85  
E. 2BFC::BEEF:217:CBFF::5C85

**Answer:** ABC

#### NEW QUESTION 179

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