

# Exam Questions JN0-104

Junos - Associate (JNCIA-Junos)

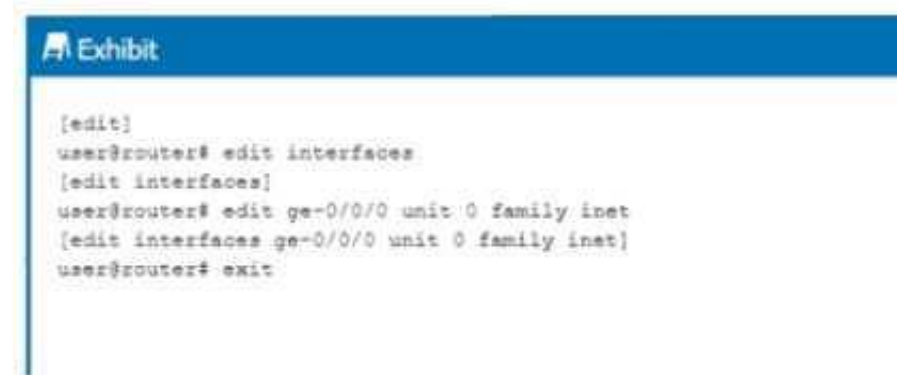
<https://www.2passeasy.com/dumps/JN0-104/>



### NEW QUESTION 1

- (Exam Topic 1)

A user has entered the sequence of commands shown in the exhibit



```
[edit]
user@router# edit interfaces
[edit interfaces]
user@router# edit ge-0/0/0 unit 0 family inet
[edit interfaces ge-0/0/0 unit 0 family inet]
user@router# exit
```

At which level of the configuration hierarchy would the user be after typing the exit command?

- A. [edit]
- B. [edit interfaces ge-0/0/0]
- C. [edit interfaces ge-0/0/0 unit 0 ]
- D. [edit interfaces]

**Answer:** C

### NEW QUESTION 2

- (Exam Topic 1)

Which two Juniper Networks products are available in virtual machine (VIM) format? (Choose two.)

- A. vSRX
- B. vIDP
- C. vPTX
- D. vMx

**Answer:** AD

### NEW QUESTION 3

- (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 4

- (Exam Topic 1)

What are two benefits of class of service (CoS)? (Choose two.)

- A. CoS can increase the performance of a slow network.
- B. CoS can manage traffic congestion
- C. CoS can prioritize latency-sensitive traffic
- D. CoS can increase network bandwidth.

**Answer:** BC

### NEW QUESTION 5

- (Exam Topic 1)

By default, which Junos directory contains the primary syslog file?

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

**Answer:** C

### NEW QUESTION 6

- (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 7

- (Exam Topic 1)

Click the Exhibit button



```

user@router> show route 10.10.102.0/30
inet.0: 20 destinations, 21 routes (20 active, 0 holddown, 0 hidden)
* = Active Route, - = Last Active, * = Both
10.10.102.0/30      *([Static/5] 00:00:07
                    > to 10.10.4.2 via ge-0/0/2.0
                    [OSPF/10] 00:06:32, metric 2
                    > to 10.10.101.1 via ge-0/0/1.0
  
```

Referring to the exhibit, which statement is correct?

- A. Traffic destined to 10.10.102.0/30 will be forwarded to 10.10.101.1.
- B. Traffic destined to 10.10.102.0/30 will be load-balanced across both next hops.
- C. Traffic destined to 10.10.102.0/30 will be silently dropped.
- D. Traffic destined to 10.10.102.0/30 will be forwarded to 10.10.4.2

**Answer:** D

#### NEW QUESTION 8

- (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 9

- (Exam Topic 1)

Click the Exhibit button.



```

user@router> show route 10.10.10.0/24
inet.0: 16 destinations, 18 routes (16 active, 0 holddown, 0 hidden)
* = Active Route, - = Last Active, * = Both
10.10.10.0/24      *([Static/5] 00:00:10
                    > to 172.18.1.1 via ge-0/0/1.0
                    [OSPF/10] 2d 21:36:33, metric 3
                    > to 172.18.1.1 via ge-0/0/1.0
  
```

You want to make the OSPF route shown in the exhibit the active route for the 10.10.10.0/24 IP address. Which action is required to accomplish this task?

- A. Set the static route to no-readvertise.
- B. Set the OSPF route preference to 4.
- C. Set the static route preference to 0
- D. Set the OSPF metric to 0

**Answer:** B

#### NEW QUESTION 10

- (Exam Topic 1)

Click the Exhibit button.

## Exhibit

```
[edit policy-options]
user@router# show
policy-statement BGP-to-OSPF {
  term 10 {
    from protocol bgp;
    then accept;
  }
}
```

You must apply the policy shown in the exhibit to readvertise BGP routes to OSPF neighbors Which action will accomplish this task?

- A. You must apply the policy as an import policy within the BGP configuration
- B. You must apply the policy as an import policy within the OSPF configuration.
- C. You must apply the policy as an export policy within the BGP configuration
- D. You must apply the policy as an export policy within the OSPF configuration

**Answer: D**

## NEW QUESTION 10

- (Exam Topic 1)

Click the Exhibit button

## Exhibit

```
[edit interfaces]
user@router# show
et-0/0/34 {
  unit 0 {
    family inet {
      address 10.10.0.1/24;
      address 10.20.0.1/24 {
        preferred;
      }
      address 10.30.0.1/24 {
        primary;
      }
      address 10.40.0.1/24 {
        primary;
      }
    }
  }
}
```

Referring to the exhibit, what will be the source address for packets egressing et-0/0/34.07

- A. 10.20.0.1
- B. 10.30.0.1
- C. 10.10.0.1
- D. 10.40.0.1

**Answer: A**

## NEW QUESTION 11

- (Exam Topic 1)

A user entered configuration mode and modified the candidate configuration. In this scenario, what are two results? (Choose two.)

- A. Other users cannot enter configuration mode.
- B. Other users cannot enter configuration mode using the exclusive parameter
- C. Other users cannot log into the device.
- D. Other users cannot enter configuration mode using the private parameter.

**Answer: BD**

## NEW QUESTION 16

- (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 19

- (Exam Topic 1)

Click the Exhibit button



```
[edit]
user@router# show firewall family inet filter test-filter
term 1 {
    from {
        source-address {
            1.0.0.0/23;
        }
    }
    then policer test-policer;
}
term 2 {
    then accept;
}
[edit]
user@router# show firewall policer test-policer
if-exceeding {
    bandwidth-limit 1g;
    burst-size-limit 100k;
}
then discard;
```

Referring to the exhibit, what will happen to traffic that is less than the bandwidth limit from source address 1.0.0.207

- A. The traffic will be discarded by the policer.
- B. The traffic will be accepted by term 2.
- C. The traffic will be discarded by term 1.
- D. The traffic will be accepted by term 1.

**Answer:** D

#### NEW QUESTION 23

- (Exam Topic 1)

You must recover a device by loading the rescue configuration file. In this scenario, which command will accomplish this task?

- A. {master:0}user@router> load override rescue
- B. {master:0}user@router> rollback rescue
- C. {master:0} [edit]user@router> load override rescue
- D. {master:0} [edit]user@router# rollback rescue

**Answer:** B

#### NEW QUESTION 24

- (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 27

- (Exam Topic 1)

A device receives a route update for network 172.19.0.0/16 from two different routing information sources. In this scenario, which parameter will determine the active route?

- A. the route learned from the next hop with the highest IP address
- B. the route learned with the lowest default route preference
- C. the route learned from the next hop with the lowest IP address
- D. the route with the lowest metric

**Answer:** B

#### NEW QUESTION 32

- (Exam Topic 1)

Click the Exhibit button

## Exhibit

```
user@router> show system alarms
1 alarms currently active
Alarm time          Class Description
2021-08-16 23:45:17 UTC Minor  Rescue configuration is not set
```

Which command will solve the problem shown in the exhibit?

- A. user@router# request system configuration rescue commit
- B. user@router> request system configuration rescue save
- C. user@router# file copy current /config/rescue.conf
- D. user@router> file copy current /config/rescue.conf

**Answer: B**

### NEW QUESTION 37

- (Exam Topic 1)

Which two statements about routing policies are correct? (Choose two.)

- A. An import policy is used to control incoming traffic on a specific interface.
- B. An export policy determines the routes in the local routing table that are advertised to peers.
- C. An import policy is used to control routes that are accepted by the local routing table.
- D. An export policy is used to control outgoing traffic on a specific interface.

**Answer: BC**

### NEW QUESTION 38

- (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 40

- (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 43

- (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 46

- (Exam Topic 1)

Which command will replace the entire candidate configuration with the configuration stored in the reset.config file?

- A. load replace reset.config
- B. load override reset.config



- C. load merge reset.config
- D. rollback 1

**Answer:** B

#### NEW QUESTION 49

- (Exam Topic 1)

You are asked to configure a Junos device to perform regular configuration backups

Which feature will you configure under the [edit system] hierarchy to accomplish this task?

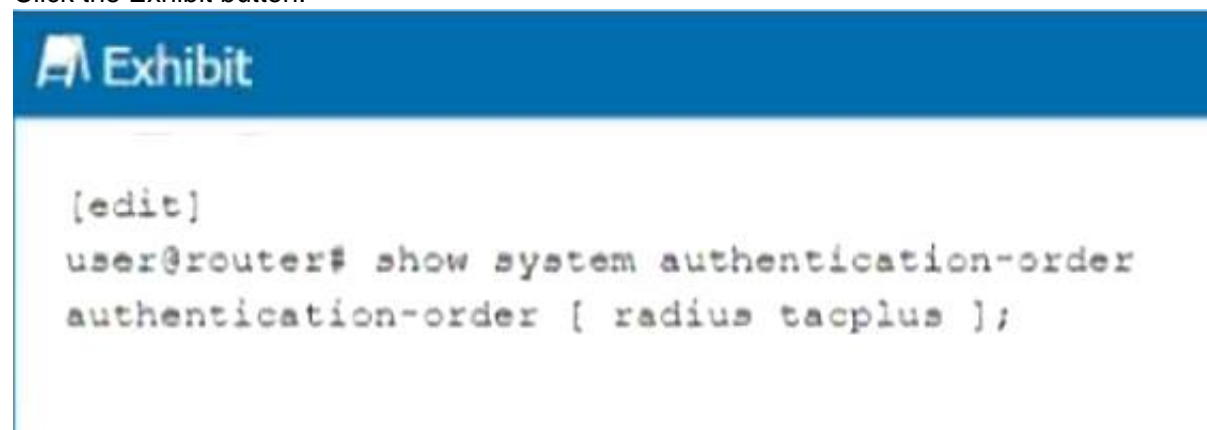
- A. archival
- B. backup-router
- C. syslog
- D. tracing

**Answer:** B

#### NEW QUESTION 54

- (Exam Topic 1)

Click the Exhibit button.



Referring to the exhibit, which statement is correct?

- A. The device will attempt to authenticate using the local database if RADIUS and TACACS+ are unresponsive.
- B. The device will never attempt to authenticate using the local database.
- C. The device will attempt to authenticate using RADIUS and TACACS+ at the same time.
- D. The device will randomly select the authentication method used for each new login attempt.

**Answer:** B

#### NEW QUESTION 59

- (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 61

- (Exam Topic 2)

What is the initial prompt displayed when logging in as the root user?

- A. root@router>
- B. root@router%
- C. root@router#
- D. root@router\*

**Answer:** B

#### NEW QUESTION 62

- (Exam Topic 2)

Which two interfaces are considered physical interfaces? (Choose two.)

- A. xe-10/2/1
- B. ge-0/0/0
- C. et-3/0/0/0:0.501
- D. et-7/1/4.0

**Answer:** AB

#### NEW QUESTION 65

- (Exam Topic 2)

You must archive log messages for an extended period of time for audit and troubleshooting purposes. Which syslog setting should you configure on the Junos device in this scenario?

- A. host
- B. facility
- C. console
- D. severity

**Answer:** A

#### NEW QUESTION 66

- (Exam Topic 2)

Routing policies contain which two types of statements? (Choose two.)

- A. from
- B. then
- C. default
- D. and

**Answer:** AB

#### NEW QUESTION 67

- (Exam Topic 2)

Which command allows you to verify the syntax and consistency of your configuration without actually activating your configuration?

- A. User Interfaces
- B. commit verify
- C. commit check
- D. check commit
- E. commit no-activate

**Answer:** C

#### NEW QUESTION 72

- (Exam Topic 2)

Referring to the exhibit,

```
[edit firewall family inet]
user@router# show
filter protect-RE-1 {
    term 1 {
        from {
            protocol icmp;
        }
        then accept;
    }
}
filter protect-RE-2 {
    term 1 {
        from {
            protocol icmp;
        }
        then reject;
    }
}

[edit interfaces lo0]
user@router# show
unit 0 {
    family inet {
        filter {
            input-list [protect- RE-1 protect-RE-2];
        }
        address 192.168.2.1/32;
    }
}

[edit interfaces ge-0/0/0]
user@router# show
description "Management Interface";
unit 0 {
```



what happens when ping packets are sent to management interface address of the local router?

- A. The ping packets are silently discarded
- B. An ICMP unreachable message is returned
- C. The Ping packets are accepted
- D. An ICMP redirect message is returned

**Answer:** D

#### NEW QUESTION 75

- (Exam Topic 2)

Click the Exhibit button.

```
user@router> show interfaces terse | match ge-
ge-0/0/0          up      up
ge-0/0/1          up      up
ge-0/0/1.0        up      up   inet   172.26.133.105/24
ge-0/0/2          up      up
ge-0/0/2.0        down    up   inet   172.40.1.2/24
```

Referring to the exhibit, which logical interface is able to forward IP traffic?

- A. ge-0/0/0
- B. ge-0/0/2.0
- C. ge-0/0/2
- D. ge-0/0/1.0

**Answer:** D

#### NEW QUESTION 76

- (Exam Topic 2)

Which two statements are correct about the inet.0 routing table? (choose two.)

- A. It is used for populating the Ethernet switching table.
- B. It stores information learned from routing protocols and other sources.
- C. It is used for populating the forwarding table.
- D. It is used for populating the forwarding policy.

**Answer:** BC

#### NEW QUESTION 79

- (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 83

- (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 85

- (Exam Topic 2)

Which two commands will provide the current configuration of the MX1-PE1 BGP group on your router? (Choose two.)

- A. user@router# show groups | display set | match MX1-PE1
- B. user@router# show | display set | match MX1-PE1
- C. user@router> show configuration | match set | match MX1-PE1
- D. user@router> show configuration | display set | match MX1-PE1

**Answer:** BD

#### NEW QUESTION 87

- (Exam Topic 2)

How would you change the display so the display so that 40 lines will be displayed in the terminal program when you are logged into a Junos device?

- A. Issue the set cli screen-length 40 command from configuration mode.
- B. Set the display options in your terminal program.
- C. Issue the set cli screen-length 40 command from operational mode.
- D. Set the windows size of your terminal program.

**Answer:** C

#### NEW QUESTION 89

- (Exam Topic 2)

What is the network ID address of the IPv4 subnet that includes the IP address 114.180.192.120/28?

- A. 114.180.192.118/28
- B. 114.180.192.100/28
- C. 114.180.192.112/28
- D. 114.180.192.106/28

**Answer:** C

#### NEW QUESTION 93

- (Exam Topic 2)

Which two statements describe IPv4 default behavior for BGP? Choose Two

- A. All Active BGP routes are exported to configured EBGP neighbors
- B. All BGP routes are exported to configured EBGP neighbors
- C. All BGP routes are imported into the inet.0 routing table
- D. All BGP routes are imported into the inet4.0 routing table

**Answer:** AC

#### NEW QUESTION 94

- (Exam Topic 2)

What is the default location of the syslog file on Junos devices?

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

**Answer:** A

#### NEW QUESTION 99

- (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 103

- (Exam Topic 2)

What is a valid IPv6 address?

- A. 00:05:85:23:45:67
- B. 127.0.0.1
- C. 2001:0db8:3000:2215:0000:0000:aaaa:llll
- D. 49.0001.0192.0168.1001.00

**Answer:** C

#### NEW QUESTION 108

- (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 112**

- (Exam Topic 2)

Which command prompt indicates that you are in operational mode?

- A. user @ router &
- B. user @ router #
- C. user @ router \$
- D. user @ router >

**Answer:** D

**NEW QUESTION 116**

- (Exam Topic 2)

You are troubleshooting an issue and want to monitor syslog in real time. Which operational command accomplish this task?

- A. Show log message
- B. Monitor start message
- C. Show log message | refresh i
- D. Monitor traffic interface fxp0.0

**Answer:** B

**NEW QUESTION 118**

- (Exam Topic 2)

Which of the following protocols uses both TCP and UDP?

- A. FTP
- B. SMTP
- C. Telnet
- D. DNS

**Answer:** D

**NEW QUESTION 122**

- (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 125**

- (Exam Topic 2)

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

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

**Answer:** B

**NEW QUESTION 129**

- (Exam Topic 2)

Which two firewall filter actions will affect a packet's class-of-service setting? (Choose two.)

- A. scheduler
- B. queue
- C. forwarding-class
- D. loss-priority

**Answer:** CD

#### NEW QUESTION 134

- (Exam Topic 2)

Exhibit:

```
... Hit [Enter] to boot immediately, or space bar for command prompt. <user  
presses Spacebar> Type '?' for a list of commands, 'help' for more detailed  
help. loader> boot -s  
... Enter full pathname of shell or 'recovery' for root password recovery or  
RETURN for / bin/sh: recovery
```

Refer to exhibit, What will be the result?

- A. The device will boot in a multi-user mode at the configuration prompt
- B. The device will boot in a Single-user mode at the operational prompt
- C. The device will boot in a multi-user mode at the shell prompt
- D. The device will boot in a Single-user mode at the shell prompt

**Answer:** A

#### NEW QUESTION 137

- (Exam Topic 2)

Which two statements are true regarding dynamic routing? (Choose two)

- A. Dynamic routing is used when absolute control of routing parameters is necessary
- B. Dynamic routing allows a device to automatically reroute traffic around a failure
- C. Participating devices dynamically learn routing information from each other
- D. Dynamic routing requires more administrative overhead than static routing

**Answer:** BC

#### NEW QUESTION 141

- (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 143

- (Exam Topic 2)

Depending on the device type, Junos is built upon which two OS kernels? (Choose two.)

- A. NetBSD
- B. FreeBSD
- C. Linux
- D. OpenBSD

**Answer:** BC

#### NEW QUESTION 144

- (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 146

- (Exam Topic 2)

You have received a request from the user, SecurityTeam, to notify their terminal connection only when someone commits a change to the configuration of a specific networking device. Which command would you input in this scenario?

- A. set system syslog user SecurityTeam change-log alert
- B. set system syslog user SecurityTeam change-log any
- C. set system syslog user SecurityTeam interactive-commands any
- D. set system syslog user SecurityTeam interactive-commands

**Answer:** B

#### NEW QUESTION 151

- (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 154

- (Exam Topic 2)

Which two features are implemented on the Packet Forwarding Engine? (Choose Two)

- A. Chassis Management
- B. Firewall Filters
- C. Class of Service
- D. Routing protocol update

**Answer: BC**

#### NEW QUESTION 157

- (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 159

- (Exam Topic 2)

What happens when a route does not match any user-configured policies?

- A. The route is rejected.
- B. The route is accepted.
- C. The route is given a lower priority.
- D. The route is sent to the default policy.

**Answer: D**

#### NEW QUESTION 164

- (Exam Topic 2)

How many IP addresses can be configured on a given interface?

- A. one primary and one secondary
- B. one
- C. as many as you want
- D. one primary and multiple secondary

**Answer: C**

#### NEW QUESTION 169

- (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 173

- (Exam Topic 2)



You have enabled trace options to log error messages. You want to have the messages displayed to your terminal session automatically as they occur. Which command should you use in this scenario?

- A. request message terminal
- B. file show
- C. file list
- D. monitor start

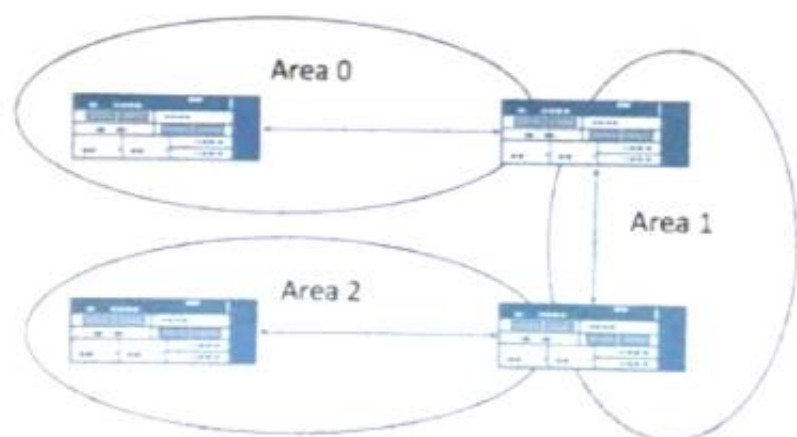
Answer: D

#### NEW QUESTION 176

- (Exam Topic 2)

Referring to the exhibit.

Exhibit



which OSPF feature would connect Area 2 to Area 0?

- A. route summarization
- B. equal-cost multipath
- C. virtual link
- D. database synchronization

Answer: C

#### NEW QUESTION 177

- (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 180

- (Exam Topic 2)

What statement is true about the orlonger route-filter match type?

- A. All routes within the specified prefix that are longer than the given prefix are considered a match
- B. All routes within the specified prefix that are longer or equal to the given prefix up to a defined acceptable prefix length are considered a match
- C. All routes within the specified prefix that are longer or equal to the given prefix are considered a match
- D. All routes within the specified prefix that are longer than the given prefix up to a defined acceptable prefix length are considered a match



Answer: A

#### NEW QUESTION 185

- (Exam Topic 2)

What are two default password requirements on devices running Junos OS? (Choose two.)

- A. Passwords must be at least six characters in length.
- B. An expiration date must be set.
- C. Passwords must contain at least one special character.
- D. Alphanumeric characters classes must be used.

Answer: AD

#### NEW QUESTION 187

- (Exam Topic 2)

Referring to the Exhibit,

```
user@router> show route protocol static

inet.0: 7 destinations, 8 routes (7 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

192.168.47.0/24    *[Static/5] 02:02:03
                  > to 172.16.1.2 via ge-1/2/0.0
                  [Static/25] 01:58:21
                  > to 192.168.2.2 via fe-1/2/1.2
```

What information is provided about the route to 192.168.47.0/24? Choose Two

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

Answer: AB

#### NEW QUESTION 188

- (Exam Topic 2)

What is the decimal equivalent of 00000100?

- A. 2
- B. 4
- C. 9
- D. 12

Answer: B

#### NEW QUESTION 190

- (Exam Topic 2)

Which statement is correct regarding exception traffic on Junos devices?

- A. The Junos OS does not provide congestion control for exception traffic sent to the RE.
- B. The built-in rate limiter for exception traffic is configurable.
- C. All exception traffic destined for the RE is sent over the out-of-band management link.
- D. The Junos OS has a built-in rate limiter for exception traffic.

Answer: D

#### NEW QUESTION 193

- (Exam Topic 2)

Which two statements are true about the default behavior of Junos routing policies? (Choose two.)

- A. Routing policies can export active and inactive routes.
- B. Routing policies can export only active routes.
- C. Routing policies control the flow of routing information going to and from the routing table.
- D. Routing policies control the flow of routing information going to and from the forwarding table.

Answer: BC

#### NEW QUESTION 194

- (Exam Topic 2)

A Junos device is in a factory-default configuration and no host name is set. What is used in place of a host name in this scenario?

- A. amnesiac
- B. router
- C. Junos

D. user

**Answer:** A

#### NEW QUESTION 195

- (Exam Topic 2)

What are two benefits realized by the disaggregated Junos? (Choose two.)

- A. There is increased flexibility to use different control plane versions.
- B. The Junos VM becomes hardware-independent and can be deployed on any hypervisor without modification.
- C. The architecture facilitates programmability through provisioning the control plane, the data path, and the platform APIs.
- D. The platform drivers and forwarding engine are removed from the control plane to increase performance.

**Answer:** CD

#### NEW QUESTION 200

- (Exam Topic 2)

Which two conditions must exist in a Junos device for traffic to transit the device to a specific destination? (Choose two.)

- A. A routing table entry for that destination must exist.
- B. A firewall filter must exist to allow traffic to reach that destination.
- C. A forwarding table entry for that destination must exist.
- D. A routing policy must be in place on the device.

**Answer:** AC

#### NEW QUESTION 202

- (Exam Topic 2)

Which three statements are true about IPv6 link local addresses? (Choose three.)

- A. They begin with the prefix fe80::/64.
- B. They can be assigned manually or dynamically.
- C. They are not guaranteed to be unique outside of the network segment.
- D. They are optional addresses.
- E. They provide reachability to the internet.

**Answer:** ABC

#### NEW QUESTION 205

- (Exam Topic 2)

What does the output of the show route forwarding-table command display?

- A. The routing protocol databases in the Routing Engine
- B. The inactive entries in the Routing Engine's routing table
- C. The Routing Engine's forwarding table
- D. The Packet Forwarding Engine routing table

**Answer:** C

#### NEW QUESTION 210

- (Exam Topic 2)

What are three functions of the RE? (Choose three.)

- A. to maintain the forwarding tables
- B. to enforce stateless firewall filters
- C. to manage the PFE
- D. to monitor the chassis
- E. to implement policing

**Answer:** ABD

#### NEW QUESTION 211

- (Exam Topic 2)

Refer to the exhibit.

```
[edit]
user@router# show firewall
filter count-no-header {
    term 1 {
        from {
            protocol no-next-header;
        }
        then {
            count count-no-header;
            accept;
        }
    }
}

[edit]
user@router# show interfaces ge-0/0/0
unit 0 {
    family inet {
        address 10.10.10.3/24;
    }
    family inet6 {
        filter {
            input count-no-header;
        }
        address 2001::1/64;
    }
}

[edit]
user@router# commit
[edit interfaces ge-0/0/0 unit 0 family inet6]
'filter'
    Referenced filter 'count-no-header' is not defined
error: configuration check-out failed
```

You asked to create a firewall filter to count IPv6 packets that arrive with a no next header value. As shown in the exhibit, you have created and applied the count-no-header firewall filter to the ge-0/0/0 interface. The commit operation fails. What is causing this problem?

- A. IPv6 interfaces do not support firewall filters.
- B. The filter name must be different than the counter name.
- C. The firewall term does not include inet6 in the from statement.
- D. The firewall family is not correct.

**Answer: D**

#### NEW QUESTION 213

- (Exam Topic 2)

Click the Exhibit button.

```
[edit system ntp]
user@router# show
server 172.25.11.254;
```

Referring to the exhibit, which action would synchronize the local router's clock with the NTP server?

- A. Configure the correct NTP trusted key using the net trusted-key <key-value> configuration command under the [edit system ntp] hierarchy.
- B. Issue the set date ntp operational command.
- C. Configure the NTP server using the set boot-server 172.25.11.254 configuration command under the [edit system ntp] hierarchy.
- D. Reboot the router.

**Answer: B**

#### NEW QUESTION 218

- (Exam Topic 2)

Referring to the exhibit,

Specific System Log Message Information	
Name	CHASSISD_TERM_SIGNAL
Message	Received SIGTERM request, shutting down
Help	chassisd received termination signal
Desc	The chassis process (chassisd) received the SIGTERM signal, indicating that it should terminate. It began the procedure for clean shutdown and exit, but possibly restarted automatically after existing.
Type	Event: This message reports an event, not an error
Sev	Info
Facility	LOG_DAEMON
Platforms Supported	Common Junos

which command will cause this event message?

- A. request system logout
- B. request system commit
- C. request system recover
- D. request system halt

**Answer: D**

#### NEW QUESTION 219

- (Exam Topic 2)

What is the subnet mask for the 172.45.32.6/19 address?

- A. 255.255.224.0
- B. 255.255.240.0
- C. 255.224.0.0
- D. 255.240.0.0

**Answer: A**

#### NEW QUESTION 224

- (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 229

- (Exam Topic 2)

Which protocol family is required prior to assigning an IP address to an interface?

- A. ip
- B. ip6
- C. inet
- D. inet4

**Answer: C**

#### NEW QUESTION 232

- (Exam Topic 2)

You have the policy configuration shown in the exhibit applied to a BGP peering. You determine that customer routes coming from the 10.1.1.0/24 network are being rejected

Which action should be used to correct the problem?

\*\*\*Exhibit is Missing\*\*\*

- A. [edit policy-options policy-statement my-policy] user@router# copy term 2 to term 1
- B. [edit policy-options policy-statement my-policy] user@router# rename term 1 to term 3
- C. [edit policy-options policy-statement my-policy] user@router# copy term 2 to term 0
- D. [edit policy-options policy-statement my-policy] user@router# insert term 2 before term 1

**Answer: C**

#### NEW QUESTION 236

- (Exam Topic 2)

What is the default firewall filter behavior when a term is matched but no terminating action is specified?

- A. an implicit deny and the filter evaluation terminates
- B. an implicit accept and the filter evaluation terminates
- C. an implicit accept and the filter evaluation continues to the next term

D. an implicit deny and the filter evaluation continues to the next term

**Answer:** C

#### NEW QUESTION 238

- (Exam Topic 2)

Which two interfaces are considered physical interface? Choose TWO

- A. Ge-0/0/0
- B. Et-3/0/0:0.501
- C. Et-7/1/4:0
- D. Xe-10/2/1

**Answer:** AD

#### NEW QUESTION 241

- (Exam Topic 2)

When you first log in to a router, how does the router indicate that factory defaults are being used? Junos Configuration Basics

- A. The router's host name is Amnesiac.
- B. The password you used to log in is junos.
- C. The router immediately enters configuration mode after you log in.
- D. The router allows you to enter configuration mode without logging in.

**Answer:** A

#### NEW QUESTION 245

- (Exam Topic 2)

Refer to Exhibit:

```
user@router> monitor traffic interface et-0/0/1.0 matching arp count 10
```

Which parameter at the end of the command would provide information for troubleshooting purposes?

- A. No-timestamp
- B. Extensive
- C. Print-ascii
- D. No-resolve

**Answer:** B

#### NEW QUESTION 246

- (Exam Topic 2)

Which statement is true about the longer router-filter match type?

- A. All router within the specified prefix that are longer than or equal to the given prefix are considered a match.
- B. All router within the specified prefix that are longer or equal to the given prefix up to a defined acceptable prefix length are considered a match.
- C. All router within the specified prefix that are longer than the given prefix up to a defined acceptable prefix length are considered a match.
- D. All router within the specified prefix that are longer than given prefix are considered a match.

**Answer:** A

#### NEW QUESTION 247

- (Exam Topic 2)

Click the Exhibit button.

```
[edit]
```

```
user@router# show system authentication-order
```

```
authentication-order [ radius password ];
```

A user attempts to log in to a Junos device. but the RADIUS server is unreachable. Referring to the exhibit, what is the default action of a Junos device in this scenario?

- A. The Junos device retries every 30 seconds until the connection is restored.
- B. The Junos device uses the local authentication database.
- C. The Junos device displays a RADIUS connection error.
- D. The Junos device prompts for a cached RADIUS password.

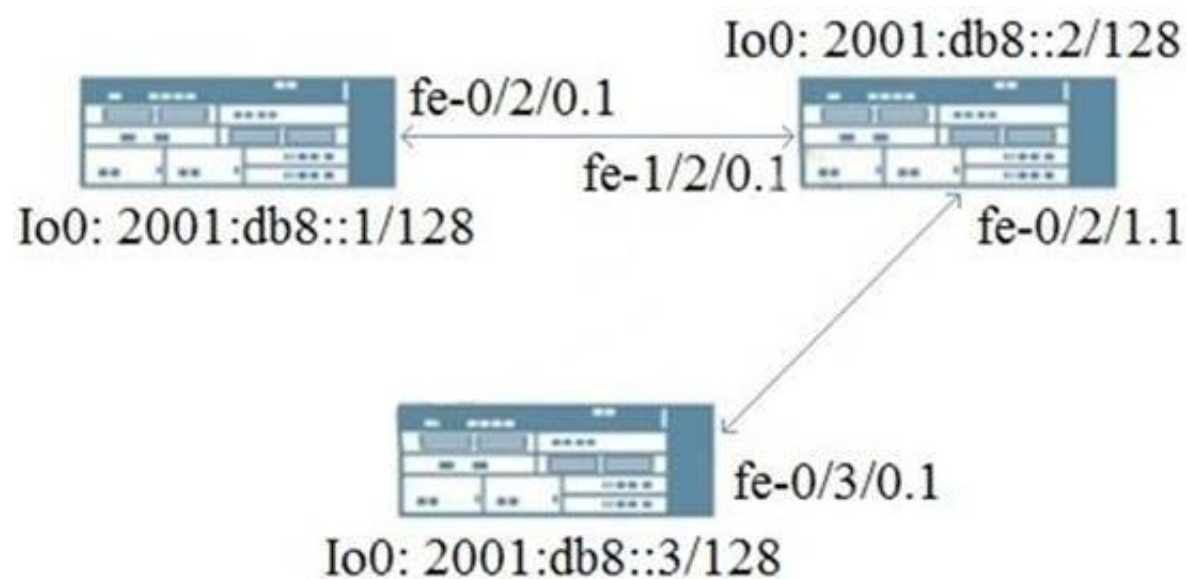
**Answer:** C

#### NEW QUESTION 249

- (Exam Topic 2)

Referring to the exhibit,





which dynamic routing protocol would be used for this topology?

- A. IGMPv3
- B. OSPFv2
- C. RIPng
- D. RIP

**Answer:** C

#### NEW QUESTION 251

- (Exam Topic 2)

What are two configurable physical interface properties? (Choose two.)

- A. MTU
- B. address
- C. protocol family
- D. link mode

**Answer:** AC

#### NEW QUESTION 254

- (Exam Topic 2)

You are attempting to upgrade the Junos OS on your device, but there is not enough space to complete the upgrade. Which parameter, added to the request system software add command, would solve the problem?

- A. no-validate
- B. no-copy
- C. validate
- D. force

**Answer:** B

#### NEW QUESTION 257

- (Exam Topic 2)

At which hierarchy would you configure a static MAC address for interface ge-0/0/0?

- A. [edit interfaces ge-0/0/0 unit 0]
- B. [edit interfaces ge-0/0/0]
- C. [edit interfaces ge-0/0/0 unit 0 family inet]
- D. [edit interfaces ge-0/0/0 unit 0 family inet address 172.25.11.2/24]

**Answer:** D

#### NEW QUESTION 258

- (Exam Topic 2)

Exhibit:

```
{master:0}[edit routing-instances]
root@switch# top set interfaces xe-0/0/39.0 family ethernet-switching
```

Which statement is true about the command shown in the exhibit?

- A. There needs to be a ; after top for the command to be accepted as a valid command.
- B. Only top should be used, no other options are allowed on the same line.
- C. The command shown in the exhibit would be accepted as a valid command.
- D. If you replace top with up command, it becomes valid.

**Answer:** C



### NEW QUESTION 260

- (Exam Topic 2)

What are two services performed by the Packet Forwarding Engine? (Choose two.)

- A. to process transit traffic
- B. to implement stateless firewall filtering
- C. to handle processes that control the device's Interfaces
- D. to maintain the routing tables

**Answer:** AB

### NEW QUESTION 265

- (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
```

What does the number inside the square bracket represent?

- A. Metric
- B. Local preference
- C. Protocol reference number
- D. Route preference

**Answer:** D

#### Explanation:

<https://www.juniper.net/documentation/us/en/software/junos/bgp/topics/ref/command/show-route.html#show-ro> Module 9 of Juniper Open Learning, Routing Fundamentals describes the [Source/Route Preference]. The metric is 'how' a protocol calculates the best path to a destination. RIP = Hops, OSPF = Cost. Metrics are unique to protocols.

user@host> show route

inet.0: 11 destinations, 12 routes (11 active, 0 holddown, 0 hidden)

+ = Active Route, - = Last Active, \* = Both 1:65500:1:10.0.0.20/240

\*[MVPN/70] 19:53:41, metric2 1

Indirect

1:65500:1:10.0.0.40/240

\*[BGP/170] 19:53:29, localpref 100, from 10.0.0.30 AS path: I

> to 10.0.24.4 via lt-0/3/0.24, label-switched-path toD [BGP/170] 19:53:26, localpref 100, from 10.0.0.33 AS path: I

> to 10.0.24.4 via lt-0/3/0.24, label-switched-path toD inside square brackets -> route preference

metric and localpref are optional and after the date

### NEW QUESTION 270

- (Exam Topic 2)

You have configure an SRX Series device for the first time. When you commit your configuration, the Junos OS notifies you that you cannot yet commit your configuration. Which configuration step must you complete?

- A. security policies
- B. hostname
- C. date/time
- D. root authentication

**Answer:** D

### NEW QUESTION 275

- (Exam Topic 2)

Which two statements describe a routing policy?

- A. Active and inactive routes are available for export from the routing table.
- B. A routing policy allows you to control the flow of information into the routing table.
- C. Routing policy are used to choose which routes are sent to neighbors using dynamic routing Protocols
- D. Attribute changes applied to export policies always affect the local routing table

**Answer:** BC

#### NEW QUESTION 277

- (Exam Topic 2)

[edit]

```
user@router# show system authentication-order
authentication-order [ radius tacplus ];
```

Referring to the exhibit, what is the expected behavior for login attempts from users that receive a reject form from both the RADIUS and TACACS+ servers?

- A. Users are prompted for a local authentication password.
- B. Users are not prompted for a local authentication password.
- C. Users are prompted for the root authentication password.
- D. Users are granted limited access to the device using a guest account.

**Answer: B**

#### Explanation:

Local Auth is not included in the authentication-order. It will only consult the local auth if it doesn't receive any reply from the RADIUS and TACAS from a certain time. In this case the RADIUS and TACAS rejects the Authentication therefore no need to consult the local auth.

#### NEW QUESTION 278

- (Exam Topic 2)

You issue the request system zeroize command. Which statement is correct in this scenario?

- A. All data files are deleted and all configuration setting are returned to factory defaults.
- B. All data files remain unchanged but all configuration setting are returned to factory defaults.
- C. Disk space is freed by rotating log files and a proposed list of files to delete is presented.
- D. All data files are deleted and the configuration settings remain unchanged.

**Answer: A**

#### NEW QUESTION 281

- (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 flapped within the last hour.

**Answer: D**

#### NEW QUESTION 284

- (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 288

- (Exam Topic 2)

What information would you find using the CLI help function? (Choose two.)

- A. tip of the day
- B. Junos technical publications
- C. explanation of specific system log error messages
- D. explanation of traceoption events

**Answer: AC**

#### NEW QUESTION 289

- (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 293

- (Exam Topic 2)

Which parameter of the monitor traffic command should be used with caution when considering storage space on a Junos device?

- A. detail
- B. write-file
- C. layer2-headers
- D. extensive

**Answer:** B

#### NEW QUESTION 294

- (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 299

- (Exam Topic 2)

Which command is used to validate the syntax of a configuration without applying the configuration?

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

**Answer:** A

#### NEW QUESTION 300

- (Exam Topic 2)

In your configuration, an interface contains multiple IP addresses belonging to the same subnet. You want to identify the IP address to use for packets sent to

hosts on the same subnet. Which parameter would you use to accomplish this task?

- A. relative
- B. preferred
- C. primary
- D. patch

**Answer:** B

#### NEW QUESTION 301

- (Exam Topic 2)

Which statement is true about PFEs?

- A. A PFE receives microcode updates from the RE.
- B. A PFE receives layer 4 forwarding tables updates from the RE.
- C. A PFE receives hardware status messages from the RE
- D. A PFE receives environmental status messages from RE.

**Answer:** B

#### NEW QUESTION 305

- (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 309

- (Exam Topic 2)

Which command will show files stored in the /var/home/tab directory?

- A. lab@router> file list
- B. lab@router> file show
- C. lab@router> ls
- D. [edit] lab@router# rollback ?

**Answer:** A

#### NEW QUESTION 314

- (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 316

- (Exam Topic 2)

You are in configuration mode at the top of the hierarchy. You need to abort the changes that you have made and start again with a fresh copy of the active configuration. Which command should you use to accomplish this task?

- A. rollback 0
- B. load active
- C. reset config
- D. clear candidate config

**Answer:** A

#### NEW QUESTION 319

- (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 320

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

**Answer:** ABC

#### NEW QUESTION 325

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