



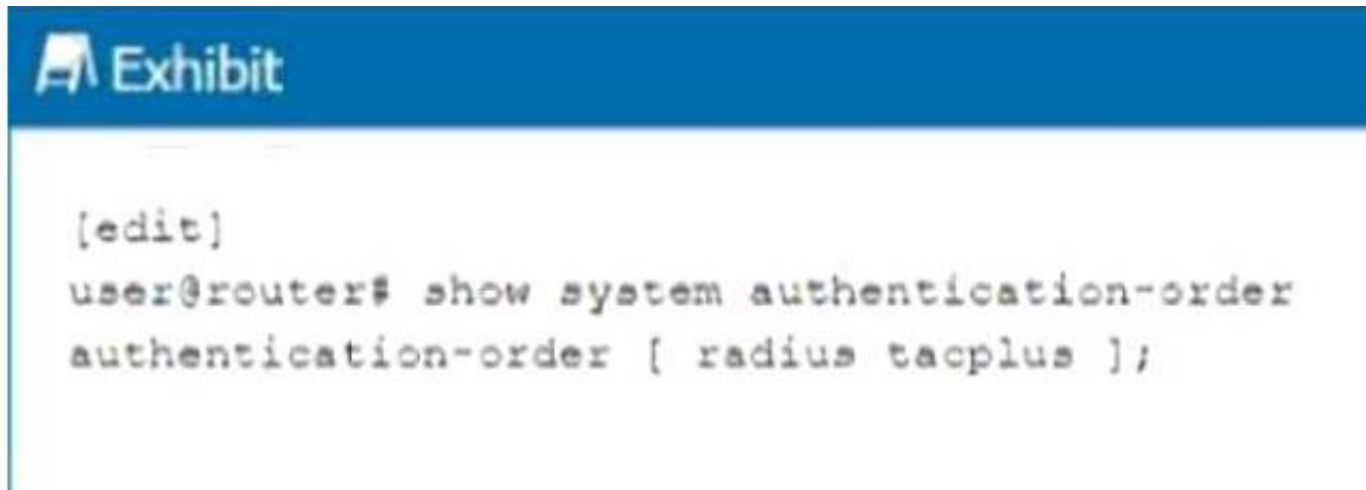
**Juniper**

## **Exam Questions JN0-104**

Junos - Associate (JNCIA-Junos)

### NEW QUESTION 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:** A

#### Explanation:

<https://www.juniper.net/documentation/us/en/software/junos/user-access/topics/topic-map/junos-os-authenticati>

### NEW QUESTION 2

Which two statements about the configure exclusive command are correct? (Choose two.)

- A. The command excludes other users from editing the configuration.
- B. The command retains all uncommitted changes when exiting exclusive mode
- C. The command causes the loss of all uncommitted changes when exiting exclusive mode
- D. The command allows multiple users to edit private copies of the configuration concurrently.

**Answer:** CD

### NEW QUESTION 3

Which default login class should you select if you want the user to edit configuration files?

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

**Answer:** C

### NEW QUESTION 4

Which two statements describe the RE on Junos OS devices? (Choose two.)

- A. The RE is considered the control plane.
- B. The RE forwards traffic based on its local copy of the forwarding table.
- C. The RE provides hardware status messages for the PFE
- D. The RE maintains the routing tables.

**Answer:** AD

#### Explanation:

Ref: Juniper Networks Partner Solution Development Platform: Architecture of the JUNOS System “Architecture of the JUNOS System

...

The Routing Engine operates all routing protocols and makes all routing decisions by creating a routing table that includes the best path to each destination. The router writes these paths to a forwarding table in the Routing Engine and then copies the same data to the forwarding table on the Packet Forwarding Engine (PFE) which actually forwards the packets.

...

The Control Plane

...

The control plane runs on the Routing Engine. Its role is to manage and control the behavior of the device, including the data plane and the services plane.

...

### NEW QUESTION 5

Which Junos OS routing instance type is used for non-VPN-related applications such as system virtualization?

- A. vpls
- B. forwarding
- C. virtual-router

D. vrf

**Answer:** C

#### NEW QUESTION 6

Exhibit:

```
[edit routing-options]
user@router# show
static {
    route 0.0.0.0 {
        next-hop 172.16.1.1;
        qualified-next-hop 172.16.1.254 {
            preference 4;
        }
    }
}
```

Assuming both paths shown in the exhibit are available, which statement is correct?

- A. Traffic matching the default route will use 172.16.1.1 as the next hop
- B. Traffic matching the default route will use 172.16.1.254 as the next hop
- C. Traffic matching the default route will be load-balanced per flow across both next hops
- D. Traffic matching the default route will be load-balanced per packet across both next hops.

**Answer:** B

#### NEW QUESTION 7

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:** D

#### NEW QUESTION 8

You are troubleshooting a problem on your Junos device. You want to view the syslog messages in real-time on your terminal. In this scenario, which command will accomplish this task?

- A. monitor log messages
- B. monitor start messages
- C. show log messages
- D. show log traceoptions

**Answer:** B

#### Explanation:

The "monitor start messages" command is used to display syslog messages in real-time on the terminal. This command provides a convenient way to monitor system events and troubleshoot problems on the device. The output of this command is sent to the console and updates in real-time as new syslog messages are generated.

To use this command, you simply enter "monitor start messages" at the CLI prompt and the syslog messages will be displayed on the terminal. To stop the display, you can press "Ctrl+C".

#### NEW QUESTION 9

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

#### Explanation:

Ref: Installing Software on SRX Series Devices | Junos OS | Juniper Networks "...

Example: Installing Junos OS Upgrade Packages on SRX Series Devices

... Requirements

Before you begin:

- Verify the available space on the internal media.

... Overview

By default, the request system software add package-name command uses the validate option to validate the software package against the current configuration as a prerequisite to adding the software package. This validation ensures that the device can reboot successfully after the software package is installed. This is the default behavior when you are adding a software package.  
 ...”

**NEW QUESTION 10**

Click the Exhibit button.



```
[edit groups]
user@router# show
ge-int {
    interfaces {
        <ge-2/*> {
            unit 0 {
                family inet{
            }
        }
    }
}
```

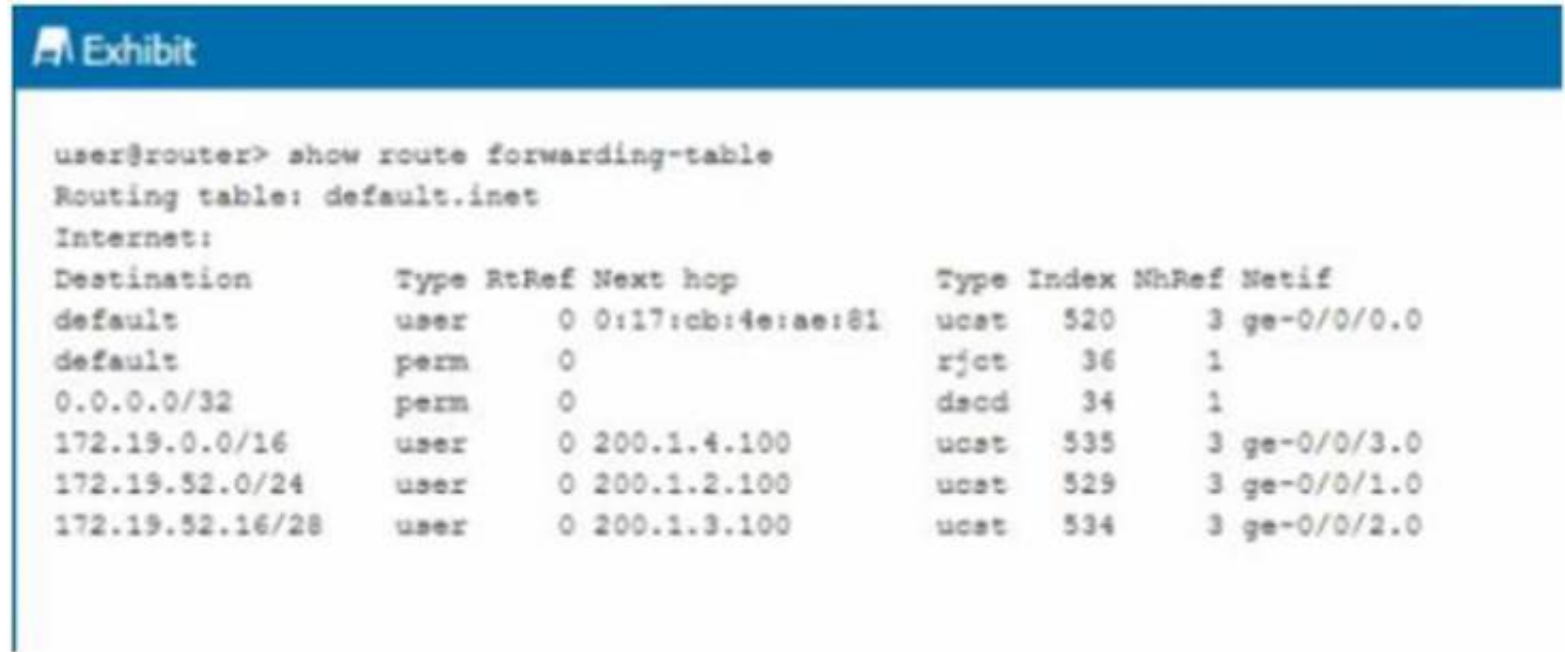
What will happen when you commit the configuration shown in the exhibit?

- A. Gigabit interfaces on FPC 2 will inherit the family inet configuration.
- B. All gigabit interfaces will inherit the family inet configuration.
- C. VLAN 0 will be applied to gigabit interfaces on FPC 2.
- D. VLAN 0 will be applied to all gigabit interfaces.

**Answer: A**

**NEW QUESTION 10**

Click the Exhibit button



What is the next-hop interface for traffic destined to 172.19.52.101 as shown in the exhibit?

- A. ge-0/0/3.0
- B. ge-0/0/0.0
- C. ge-0/0/2.0
- D. ge-0/0/1.0

**Answer: D**

**NEW QUESTION 15**

What information is provided by the show route forwarding-table command?

- A. the routing table stored on the RE
- B. the protocol from where the route was learned
- C. the outgoing interface(s) associated with the destination prefixes
- D. the number of routes that are active, hidden, or in a hold-down state

**Answer:** C

#### NEW QUESTION 17

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

#### Explanation:

"To activate the new software, you must reboot the system. You can perform the system reboot as a separate step or you can initiate it by adding the reboot option at the end of the request system software add command." <https://douran.academy/wp-content/uploads/ebooks/jnica-junos-study-guide-part1.pdf>

#### NEW QUESTION 19

Click the Exhibit button.

-- Exhibit --

```
user@router> restart
```

```
^
```

unknown command.

-- Exhibit -

You are troubleshooting a routing issue on a device running Junos. You receive the error shown in the exhibit when you attempt to restart the routing process. Which statement describes the problem?

- A. The routing process can only be restarted from configuration mode.
- B. You do not have permission to restart the routing process.
- C. The routing process must be restarted from the shell.
- D. You have typed an invalid command.

**Answer:** B

#### NEW QUESTION 20

What are two benefits of a modular operating system? (Choose two.)

- A. A malfunction in one module causes a full system shutdown.
- B. Each module runs in its own protected memory space.
- C. It enables the independent restart of each module as necessary.
- D. It enables CPU scheduling strictly using kernel system calls.

**Answer:** BC

#### Explanation:

Ref: Junos OS Overview | Junos OS | Juniper Networks “Junos OS Overview

...

Modular Software Architecture

Although individual architecture modules of Junos OS communicate through well-defined interfaces, each module runs in its own protected memory space, preventing one module from disrupting another. It also enables the independent restart of each module as necessary.

...”

#### NEW QUESTION 22

The IP address 10.1.1.1 belongs to which class of IP address space?

- A. Class A
- B. Class B
- C. Class C
- D. Class D

**Answer:** A

#### NEW QUESTION 26

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 27



Your Junos OS routers use a static route to provide connectivity to the management network. You do not want this static route to be redistributed using a dynamic routing protocol.

In this scenario, which static route configuration parameter will accomplish this task?

- A. no-install
- B. no-retain
- C. no-resolve
- D. no-readvertise

**Answer: C**

### NEW QUESTION 32

Click the Exhibit button.

#### Exhibit

```
user@router> show interfaces fxp0
Physical interface: fxp0, Enabled, Physical link is Up
Interface index: 8, SNMP ifIndex: 1
Type: Ethernet, Link-level type: Ethernet, MTU: 1514, Speed: 1000mbps
Device flags : Present Running
Interface flags: SNMP-Traps
Link type : Full-Duplex
Current address: 00:50:56:a9:1c:b0, Hardware address: 00:50:56:a9:1c:b0
Last flapped : 2020-01-17 16:27:10 UTC (1w3d 23:56 ago)
Input packets : 54054
Output packets: 30089
Logical interface fxp0.0 (Index 5) (SNMP ifIndex 13)
Flags: Up SNMP-Traps Encapsulation: ENET2
Input packets : 54054
Output packets: 30089
Protocol inet, MTU: 1500
Max nh cache: 100000, New hold nh limit: 100000, Curr nh cnt: 1,
Curr new hold cnt: 0, NH drop cnt: 0
Flags: Sendbcst-pkt-to-re, Is-Primary
Addresses, Flags: Is-Default Is-Preferred Is-Primary
Destination: 172.25.11/24, Local: 172.25.11.1, Broadcast: 172.25.11.255
```

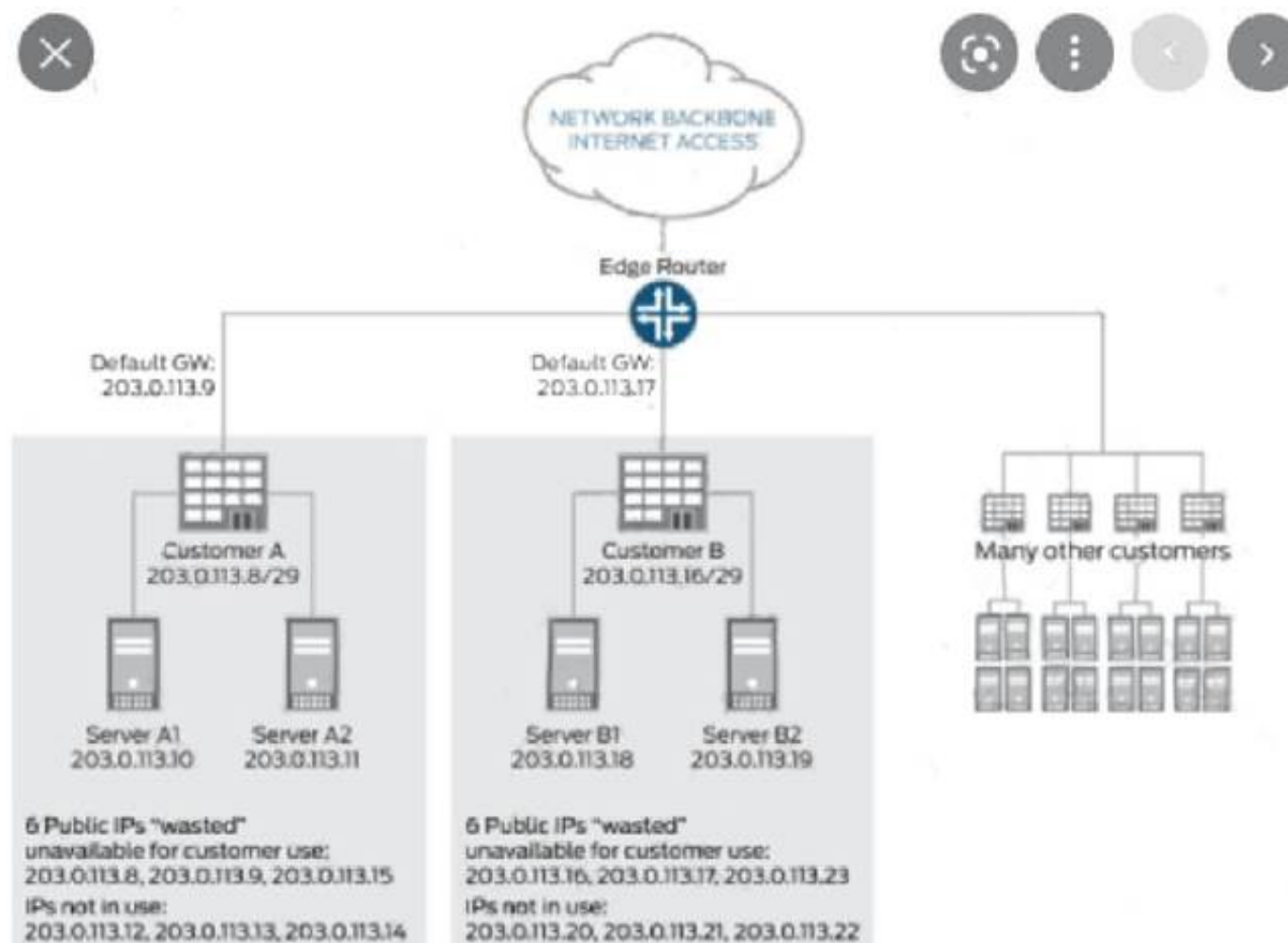
Referring to the exhibit, which two statements are true? (Choose two.)

- A. The logical interface is running IPv6.
- B. The interface is operating in full-duplex mode.
- C. The address 172.25.11.255 is the broadcast address for the logical interface.
- D. The interface MAC address has been changed from the default MAC address.

**Answer: BC**

### NEW QUESTION 34

Click the Exhibit button.



The next hop identified in the static route command is not directly connected to your router. Referring to the exhibit, what must be added to the command for the

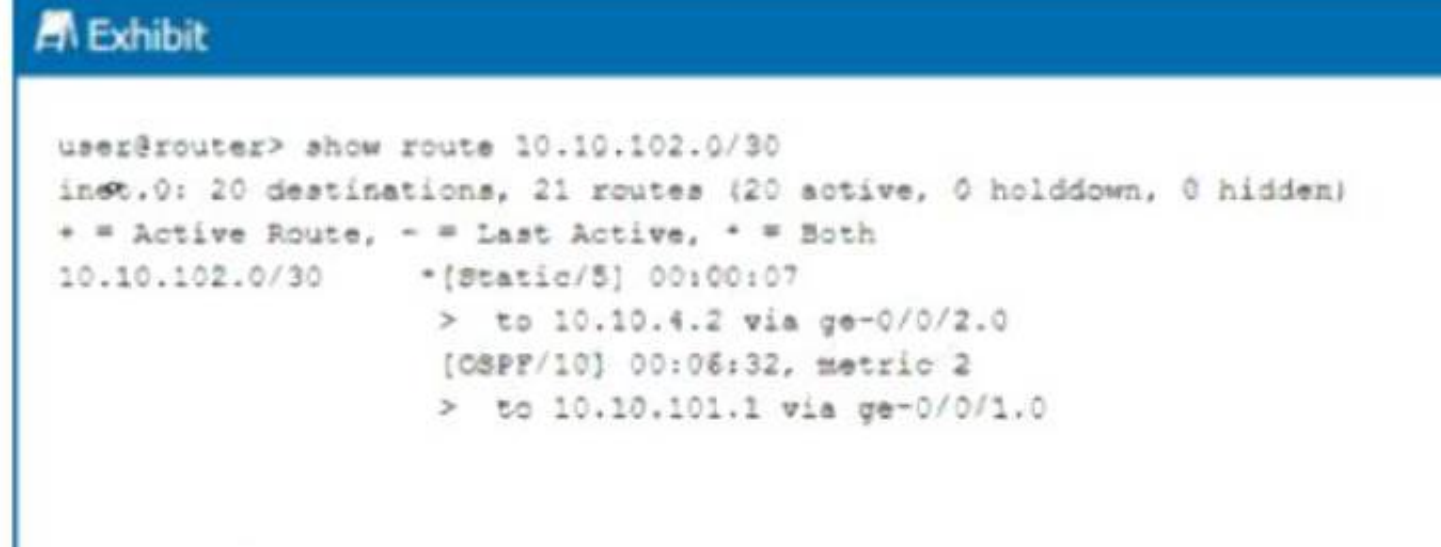
static route to work?

- A. retain
- B. resolve
- C. readvertise
- D. install

**Answer:** B

#### NEW QUESTION 36

Click the Exhibit button



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 41

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 43

Which CIDR notation is the equivalent of the subnet mask of 255.255.192.0?

- A. /19
- B. /18
- C. /20
- D. /17

**Answer:** B

#### NEW QUESTION 45

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

#### Explanation:

Ref: Understanding Routing Policies | Junos OS | Juniper Networks “Understanding Routing Policies

...

Importing and Exporting Routes

Two terms—import and export—explain how routes move between the routing protocols and the routing table.

- When the Routing Engine places the routes of a routing protocol into the routing table, it is importing routes into the routing table.
- When the Routing Engine uses active routes from the routing table to send a protocol advertisement, it is exporting routes from the routing table.

...”

#### NEW QUESTION 47

Which two protocols use UDP to facilitate speed? (Choose two.)

- A. OFTP
- B. TFTP
- C. SCP
- D. SNMP

**Answer:** BD

#### NEW QUESTION 51


Which two operating systems are used as the foundation of the Junos OS? (Choose two.)

- A. Ubuntu
- B. CentOS
- C. Linux
- D. FreeBSD

**Answer:** CD

#### NEW QUESTION 54

Click the Exhibit button



```
user@router# show protocols isis | display set
set protocols isis traceoptions file is-is-logs.log
set protocols isis traceoptions flag hello
set protocols isis traceoptions flag packets
set protocols isis traceoptions flag normal
set protocols isis level 1 disable
set protocols isis interface ge-0/0/0.0 point-to-point
```

You are capturing logs to troubleshoot an issue with IS-IS; however, the logs are increasing in size too quickly. Referring to the exhibit, which configuration statement would solve this problem?

- A. set protocols isis traceoptions flag hello detail
- B. set protocols isis traceoptions file files 10
- C. delete protocols isis traceoptions flag normal
- D. delete protocols isis traceoptions file is-is-logs.log

**Answer:** D

#### NEW QUESTION 56

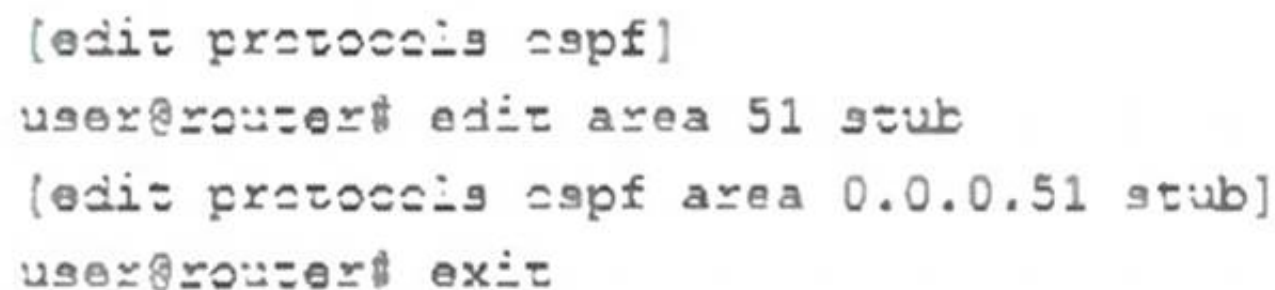
Which statement about the show chassis hardware Command is correct?

- A. The command provides a list of installed hardware components, including serial numbers and model numbers.
- B. The command provides a list of all current hardware utilization statistics and operational status
- C. The command provides 2 list of supported hardware components and their current operating status
- D. The command provides a list of supported hardware components and environmental thresholds.

**Answer:** A

#### NEW QUESTION 57

Referring to the exhibit.



```
[edit protocols ospf]
user@router# edit area 51 stub
[edit protocols ospf area 0.0.0.51 stub]
user@router# exit
```

what happens when you issue the exit command at the [edit protocols ospf area 0.0.0.51 stub] hierarchy level?

- A. You move one level up to the [edit protocols ospf area 0.0.0.51] hierarchy level.
- B. You exit the configuration mode.
- C. You move to the [edit] hierarchy level.
- D. You move to the most recent higher level of the [edit protocols ospf] hierarchy.

**Answer:** D

#### NEW QUESTION 58



Which output displays that the peer has been selected for NTP synchronization?

```
○user@router> show ntp associations
  remote      refid      st t when poll reach  delay  offset  jitter
  =====
-172.25.11.254 10.210.8.72   3 -  28  256  377   0.682   0.149   0.249

○user@router> show ntp associations
  remote      refid      st t when poll reach  delay  offset  jitter
  =====
172.25.11.254 10.210.8.72   3 -  28  256  377   0.682   0.149   0.249

○user@router> show ntp associations
  remote      refid      st t when poll reach  delay  offset  jitter
  =====
*172.25.11.254 10.210.8.72   3 -  28  256  377   0.682   0.149   0.249

○user@router> show ntp associations
  remote      refid      st t when poll reach  delay  offset  jitter
  =====
x172.25.11.254 10.210.8.72   3 -  28  256  377   0.682   0.149   0.2491
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer:** C

#### NEW QUESTION 61

What are two link state routing protocols? (Choose two.)

- A. IS-IS
- B. OSPF
- C. IBGP
- D. EBGP

**Answer:** AB

#### Explanation:

According to the Juniper Networks JNCIA-Junos Study Guide, two link state routing protocols are IS-IS (Intermediate System to Intermediate System) and OSPF (Open ShortestPath First). These two protocols are used for interior gateway routing in large enterprise networks and service provider networks.

#### NEW QUESTION 62

Which component is responsible for performing protocol updates and system management?

- A. forwarding tables
- B. Routing Engine
- C. bridging table
- D. Packet Forwarding Engine

**Answer:** B

#### Explanation:

The Routing Engine is the brain of the platform. It is responsible for performing protocol updates and system management. The Routing Engine runs various protocol and management software processes that reside inside a protected memory environment.

<https://www.coursera.org/lecture/juniper-automation-xml/junos-os-basic-design-architecture-T3hpf#:~:text=The>

#### NEW QUESTION 63

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@routert load override rescue
- D. {master:0} [edit] user@router# rollback rescue

**Answer:** D

#### Explanation:

{master:0} [edit] user@router# rollback rescue

This command is used to load the rescue configuration file on a Junos device. The "rollback rescue" command will restore the device to a previously saved backup configuration, which is stored as a rescue configuration file. This is useful in case the current configuration becomes unavailable or if the device is unable to boot properly. The "rollback" keyword indicates that we want to restore the previous configuration and the "rescue" keyword specifies that we want to restore the rescue configuration file.

It is important to note that the correct prompt for this command is in configuration mode, indicated by "[edit]" in the prompt.

#### NEW QUESTION 66

Which two routing policy actions are considered policy flow control actions in the Junos OS? (Choose two.)

- A. accept
- B. next hop
- C. next policy
- D. next term

**Answer:** AB

#### Explanation:

<https://www.juniper.net/documentation/us/en/software/junos/routing-policy/topics/concept/policy-configuring-a>

#### NEW QUESTION 70

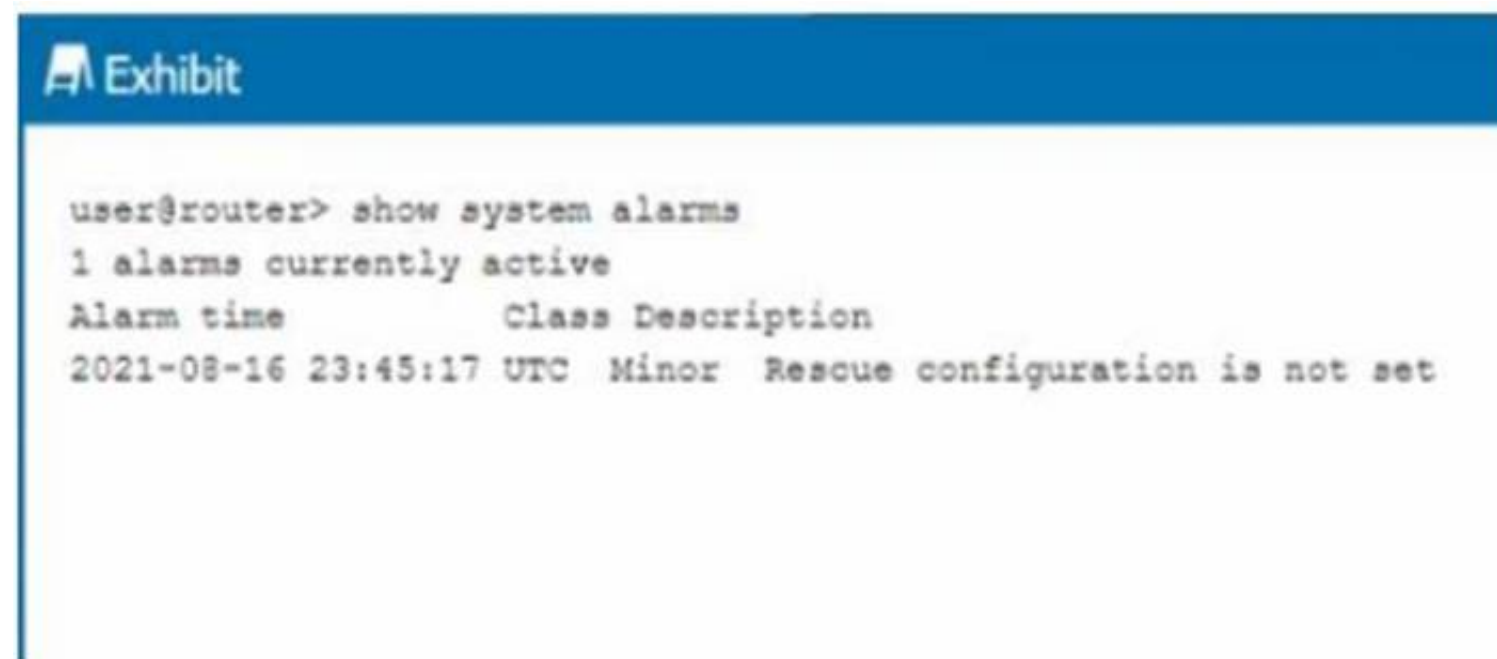
Which two statements describe the functions of the Packet Forwarding Engine (PFE)? (Choose two.)

- A. The PFE will route or switch packets or frames out of the correct interface as quickly as possible.
- B. The PFE will apply filters and routing policies when forwarding the packets to their final destination.
- C. A The PFE will process management traffic to help monitor and manage the network device.
- D. A The PFE will calculate the best network path to each individual subnet based on input from various routing protocols and static routes.

**Answer:** AB

#### NEW QUESTION 71

Click the Exhibit button



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 76

In the show | compare rollback 49 command, what is the purpose of the |?

- A. The | is a shortcut to redirect output from a command line to a file.
- B. The filters the output of the show command.
- C. The | is used to represent an "either or" statement.
- D. The | changes the command from an operational command to a configuration mode command.

**Answer:** B

#### Explanation:

[ttps://www.juniper.net/documentation/us/en/software/junos/cli/topics/ref/command/pipe.html](https://www.juniper.net/documentation/us/en/software/junos/cli/topics/ref/command/pipe.html)

#### NEW QUESTION 81

Which statement about the Junos OS forwarding table is correct?

- A. The forwarding table consolidates routes from multiple sources.
- B. The forwarding table is populated with active routes from the routing table
- C. The forwarding table is responsible for identifying and selecting active routes.
- D. The forwarding table is only stored on the Routing Engine.

**Answer:** B

**Explanation:**

Ref: Junos OS Routing and Forwarding Tables | Junos OS | Juniper Networks “Junos OS Routing and Forwarding Tables

...

A major function of the Junos OS routing protocol process is to maintain the Routing Engine's routing tables and use these tables to determine the active routes to network destinations. The routing protocol process then installs these routes into the Routing Engine's forwarding table.

...

**NEW QUESTION 84**

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 86**

You suspect a duplicate MAC address on a subnet. You want to display the MAC, errors, and statistics of the ge-O/0/0 interface. Which command will accomplish this task?

- A. show arp
- B. show interface ge-O/0/0 extensive
- C. show ethernet-switching table
- D. show interface terse

**Answer: B**

**NEW QUESTION 89**


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 92**

Click the Exhibit button.



```
(edit policy-options)
user@router# show
prefix-list rfc1918 {
  10.0.0.0/8;
  172.16.0.0/12;
  192.168.0.0/16;
}
policy-statement BGP-import-policy {
  term term-1 {
    from {
      route-filter 172.16.0.0/12 orlonger;
      route-filter 10.10.0.0/16 orlonger;
    }
    then accept;
  }
  term term-2 {
    from {
      prefix-list-filter rfc1918 orlonger reject;
    }
  }
}
```

You have applied the policy shown in the exhibit as an import policy to your BGP group. In this scenario, what will happen when the router receives the 192.168.30.48/32 route?

- A. It will be sent to the default BGP policy
- B. It will match term-1 and be accepted.
- C. It will match term-2 and be accepted
- D. It will match term-2 and be rejected.

**Answer:** D

#### NEW QUESTION 94

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 99

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 101

After logging in as root, you enter the cli command. What does this command do?

- A. It enables you to enter configuration mode.
- B. It enables you to enter line edit mode.
- C. It enables you to enter operational mode.
- D. It enables you to enter interface mode.

**Answer:** C

#### NEW QUESTION 103

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:5c85/128

**Answer:** A

#### NEW QUESTION 107

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 109

Which word starts a command to display the operational status of a Junos device?

- A. put
- B. set
- C. show
- D. get

**Answer:** C

#### NEW QUESTION 112

What are three characteristics of Layer 2 switches? (Choose Three)

- A. Layer 2 switches separates multicast domains.
- B. Layer 2 switches separates collision domains.
- C. Layer 2 switches forward traffic addressed to hosts that reside on the same collision domain.
- D. Layer 2 switches forward traffic addressed to hosts that reside on a different collision domain.
- E. Layer 2 switches forward broadcast traffic.

**Answer:** BDE

#### NEW QUESTION 116

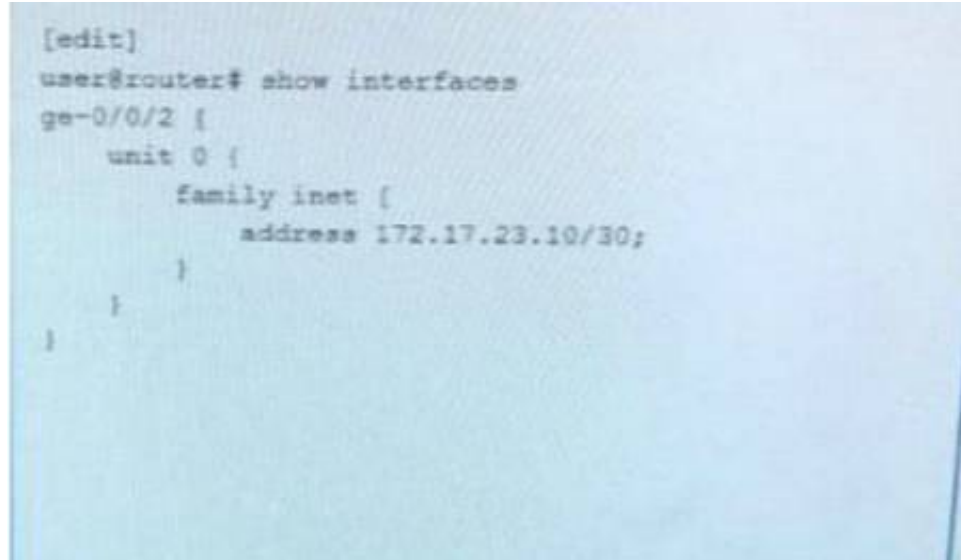
What will the help syslog UI\_DBASE\_LOGOUT\_EVENT command show you?

- A. It will show you the options you can use with sysiog UI\_DBASE\_LOGOUT\_EVENT
- B. It will show you only UI\_DBASE\_LOGOUT\_EVENT messages in the system log
- C. It will only show you syslog messages without UI\_DBASE\_LOGOUT\_EVENT
- D. It will describe the UI\_DBASE\_LOGOUT\_EVENT message code

**Answer:** D

#### NEW QUESTION 117

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]use reroute r# delete ge-0/0/2.0 family inet address 172-17.23.10
- B. [edit interfaces]user@router# rename ge-0/0/Z0 family inet address 172.17.23-10/30 to address 172.17.23.9/30
- C. [edit interfaces]user@router= replace pattern 17Z1723.10 with 172.17.23.9
- D. [edit interfaces]user@router# set ge-0/0/2.0 family inet address

**Answer:** BC

#### NEW QUESTION 122

What will the request system configuration rescue save command accomplish?

- A. It will generate support information for JTAC.
- B. It will save a copy of the configuration so that you can go back to it at any time
- C. It will prevent 2 commit from happening
- D. It will restore your system to factory default settings.

**Answer:** B

#### NEW QUESTION 126

Which routing instance type is used for filter-based forwarding applications?

- A. layer2-control
- B. vpls
- C. forwarding
- D. vrf

**Answer:** C

#### Explanation:

The forwarding routing instance type is used for filter-based forwarding applications, such as policy-based routing and traffic engineering. This type of routing instance is used when the routing table needs to contain more detailed information than what is available in the default routing table. According to the Juniper Networks Technical Certification Program (JNTCP) documents[1], the forwarding routing instance type is used for filter-based forwarding applications.

#### NEW QUESTION 129

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 132

Click the Exhibit button



### Exhibit

```
[edit firewall family inet filter input-ff]
user@router# show
term else-accept {
    then {
        count outbound-accepted;
        accept;
    }
}
term discard-outbound-traffic {
    from {
        source-address {
            0.0.0.0/0;
            172.27.102.0/24 except;
        }
    }
    then {
        log;
        discard;
    }
}
```

A packet destined to the 172.27. 102.65 IP address is received by the ge-0/0/1.0 interface on your Junos device. The input firewall filter shown in the exhibit is applied to the ge-0/0/1.0 interface.

Which two actions are performed in this scenario? (Choose two.)

- A. The packet is logged
- B. The packet is accepted
- C. The packet is counted
- D. The packet is discarded.

**Answer:** BC

### NEW QUESTION 137

Click the Exhibit button

### Exhibit

```
user@router> show interfaces terse
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 138

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

**Explanation:**

Ref: Getting Started: A Quick Tour of the CLI | Junos OS | Juniper Networks “Getting Started: A Quick Tour of the CLI

...

Get Started with the Command-Line Interface

... Note:

Before you begin, make sure that your device hardware is set up and Junos OS is installed. You must have a direct console connection to the device or network access using SSH or Telnet.

...

To log in to a device and start the CLI:

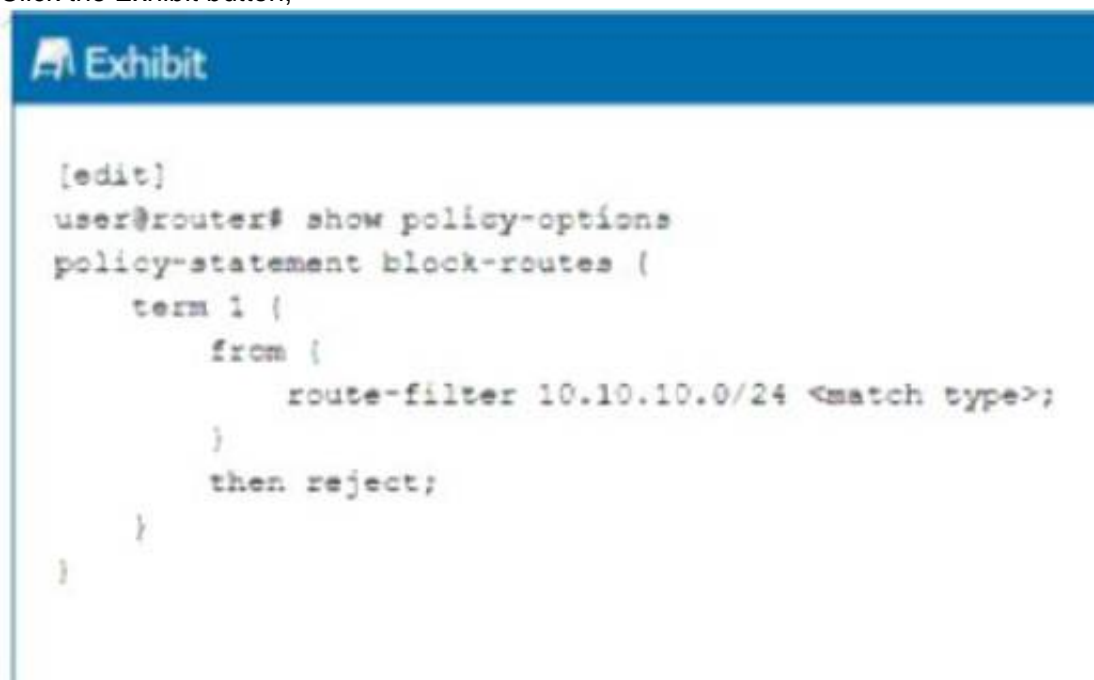
\* 1. Log in as root.

The root login account has superuser privileges, with access to all commands and statements.

...

**NEW QUESTION 139**

Click the Exhibit button,



You are creating a new routing policy on your Junos device. You are currently receiving multiple routes within the 10.10. 10.0/24 subnet from the same upstream BGP neighbor. Your policy should only allow the 10.10. 10.0/24 route and reject all other routes within that /24 range Referring to the exhibit, which route filter match type would satisfy this requirement?

- A. exact
- B. orlonger
- C. prefix-length-range /24-/32
- D. longer

**Answer:** A

**NEW QUESTION 142**

Which command allows you to view the raw packet data of interface ge-1/0/5?

- A. monitor interface traffic ge-1/0/5
- B. monitor traffic interface ge-1/0/5
- C. show interface ge-1/0/5 media
- D. show interface ge-1/0/5 extensive

**Answer:** B

**NEW QUESTION 144**

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 149**

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

**Explanation:**

Ref: Benefits of CoS | Junos OS | Juniper Networks “Benefits of CoS

...

CoS features allow a Juniper Networks device to improve its processing of critical packets while maintaining best-effort traffic flows, even during periods of congestion.

...

CoS dedicates a guaranteed minimum bandwidth to a particular service class by reducing forwarding queue delays.

**NEW QUESTION 151**

You want to temporarily apply a candidate configuration to the active configuration and automatically roll back after 10 minutes

In this scenario, which command will accomplish this task?

- A. commit at
- B. commit confirmed
- C. commit check
- D. commit

**Answer:** B

**Explanation:**

[edit]

user@host#commit confirmed

commit confirmed will be automatically rolled back in 10 minutes unless confirmed commit complete

#commit confirmed will be rolled back in 10 minutes [edit]

user@host#

<https://www.juniper.net/documentation/us/en/software/junos/cli/topics/topic-map/junos-configuration-commit.ht>

**NEW QUESTION 155**

What does the commit check command do?

- A. It validates the syntax of a candidate configuration without actually committing the configuration.
- B. It commits the configuration when a validation check succeeds.
- C. It schedules the commit to a future time.
- D. It adds a comment to the messages log.

**Answer:** A

**Explanation:**

The commit check command allows you to validate the syntax of a candidate configuration without actually committing the configuration. This is useful for validating the syntax of a configuration before committing it to ensure that the configuration can be applied without any errors. According to the Juniper Networks JNCIA-Junos study guide, the commit check command validates the syntax of a candidate configuration without actually committing the configuration.

**NEW QUESTION 159**

Which two statements about exception traffic processing are correct? (Choose two.)

- A. When congestion occurs, only exception traffic is given preference.
- B. By default, a rate-limiter for exception traffic exists on the internal link between the control plane and the forwarding plane
- C. When congestion occurs, local and control traffic are given preference.
- D. By default, no rate-limiter for exception traffic exists on the internal link between the control plane and the forwarding plane.

**Answer:** BC

**Explanation:**

"During times of congestion, the Junos OS gives preference to the local and control traffic destined for the RE.

The built-in rate limiter is not

configurable." <https://douran.academy/wp-content/uploads/ebooks/jnica-junos-study-guide-part1.pdf>

**NEW QUESTION 161**

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

**Explanation:**

Ref: show interfaces | Junos OS | Juniper Networks “show interfaces

...

Sample Output

...

show interfaces terse

user@host> show interfaces terse Interface Admin Link Proto Local Remote ge-0/0/0 up up

ge-0/0/0.0 up up inet 10.209.4.61/18 gr-0/0/0 up up

...

**NEW QUESTION 165**

Host A is communicating with Host B through a Layer 2 switch.  
What is the highest layer that the switch will inspect the traffic in this scenario?

- A. Data Link
- B. Transport
- C. Network
- D. Session

**Answer:** A

#### NEW QUESTION 167

.....

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