

Exam Questions JN0-104

Junos - Associate (JNCIA-Junos)

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



NEW QUESTION 1

Click the Exhibit button



You are connecting to a new device in your network and are presented with the information and prompt shown in the exhibit. Which three steps must be carried out to edit the configuration on this device? (Choose three.)

- A. Type configure at the > prompt.
- B. Log in using the root user with no password.
- C. Type cli at the = prompt
- D. Type cli at the > prompt
- E. Log in using the root user with the root 123 password.

Answer: AB

NEW QUESTION 2

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 3

Which system-defined user class is able to perform all operations on a device?

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

Answer: D

NEW QUESTION 4

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 5

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 6

The user root is unable to connect to the router using SSH.

Exhibit

```
[edit]
user@router# show system services
ftp;
ssh {
    root-login deny;
}
web-management {
    http;
}
```

Referring to the exhibit, which configuration change will correct the problem?

- [edit]user@router# set system services ssh root-login allow
- [edit]user@router# set system services ssh
- [edit]user@router# delete system services ssh
- [edit]user@router# delete system services ssh root-login deny

Answer: A

Explanation:

<https://www.juniper.net/documentation/us/en/software/junos/user-access/topics/ref/statement/ssh-edit-system.ht>

NEW QUESTION 7

Exhibit.

```
[edit policy-options policy-statement my-policy]
user@router# show
term 1 {
    from {
        route-filter 10.0.0.0/8 orlonger;
    }
    then reject;
}
term 2 {
    from {
        route-filter 10.1.1.0/24 exact;
        route-filter 10.1.1.0/24 orlonger;
    }
    then accept;
}
```

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

Which command should be used to correct the problem?

- [edit policy-options policy-statement my-policy] user@router# insert term 1 before term 2
- [edit policy-options policy-statement my-policy] user@router# insert term 2 before term 1
- [edit policy-options policy-statement my-policy] user@router# copy term 2 to term 0
- [edit policy-options policy-statement my-policy]

Answer: B

NEW QUESTION 8

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

- Layer 3
- Layer 4
- Layer 5
- Layer 2

Answer: A

NEW QUESTION 9

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.

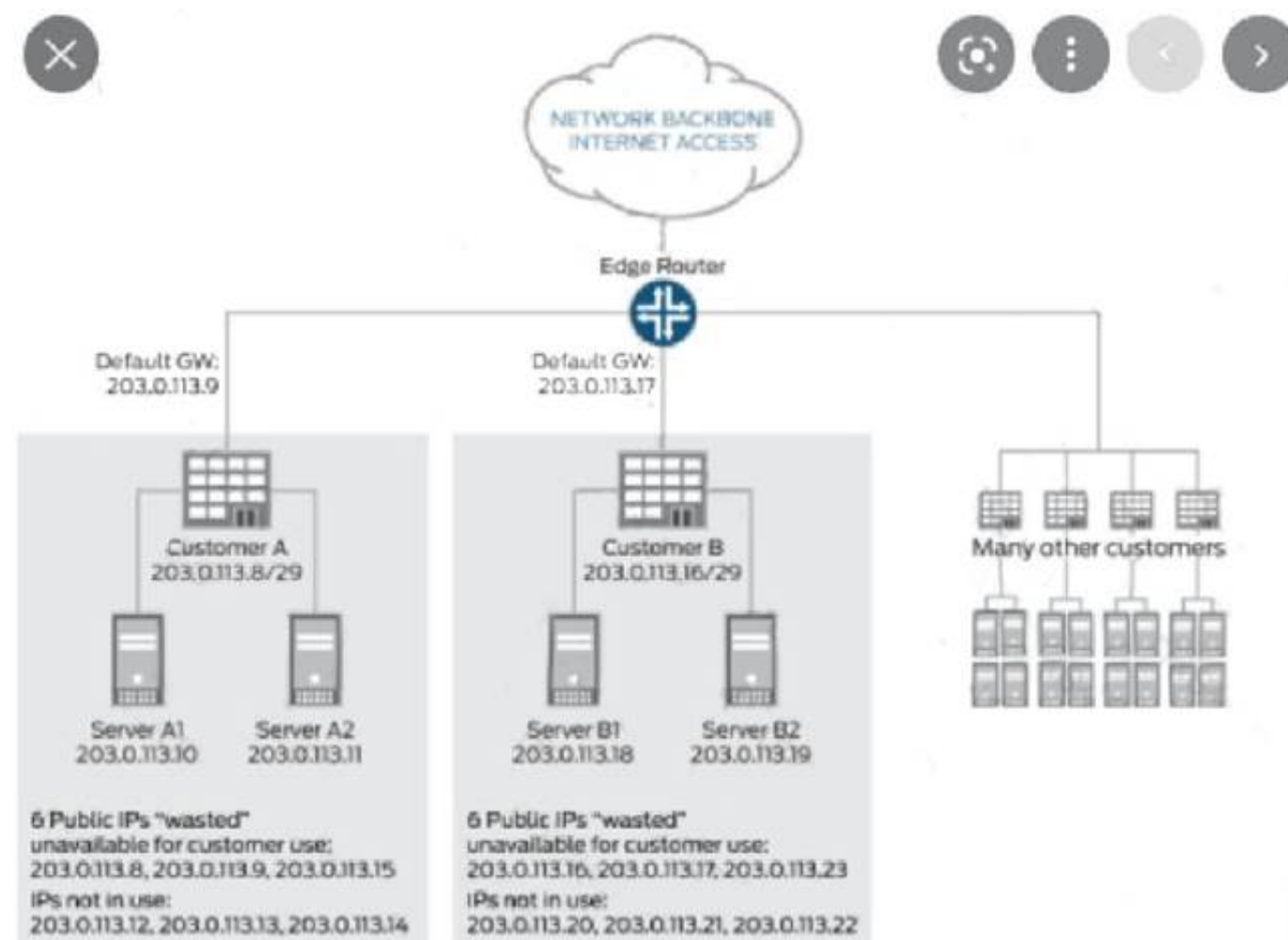
Answer: B

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 10

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 10

Click the Exhibit button.

Exhibit					
user@router> show ospf neighbor					
Address	Interface	State	ID	Pri	Dead
172.25.1.9	ge-0/0/1.0	Full	192.168.100.3	128	38
172.25.1.2	ge-0/0/2.0	Full	192.168.100.2	128	35

Which two statements about the output shown in the exhibit are correct? (Choose two.)

- A. The neighbors are not using the Junos OS default OSPF priority value.
- B. The IP address assigned to the router's ge-0/0/1.0 interface is 172.25.1.9.
- C. The router has two OSPF adjacencies.
- D. The router ID of the neighbor connected to the ge-0/0/1.0 interface is 192.168.100.3.

Answer: BC

NEW QUESTION 13

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 17

Click the Exhibit button.



```
[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: B

NEW QUESTION 20

You loaded the factory-default configuration on your Junos device.

Which single element must be configured before a commit command will succeed?

- A. An IPv4 address must be configured on the fxp0 or em0 interface.
- B. An IPv4 default route must be configured.
- C. A hostname must be configured.
- D. A root password must be configured.

Answer: D

Explanation:

Ref: Root Password | Junos OS | Juniper Networks

“Root Password

...

When the device is powered on for the first time, it is ready to be configured. Initially, you log in as the user root with no password. You must configure a plain-text password for the root-level user (whose username is root) the first time you modify and commit the configuration.

...

NEW QUESTION 22

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 24

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 27

What is a function of the PFE?

- A. to generate protocol control traffic
- B. to monitor chassis components
- C. to apply stateless firewall filters
- D. to generate forwarding tables

Answer: C

NEW QUESTION 30

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 31

What information is provided by the help topic interface ? command?

- A. It displays the administration manual for the interface command.
- B. It displays usage examples for the top-ten interface commands.
- C. It displays the available options and a brief description of usage guidelines.
- D. It displays the best options to use with the interface command regarding your current configuration.

Answer: C

NEW QUESTION 33

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 38

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 40

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:

<https://www.juniper.net/documentation/us/en/software/junos/cli/topics/ref/command/pipe.html>

NEW QUESTION 42

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 44

Click the Exhibit button.

Exhibit

```
user@router> show chassis routing-engine
Routing Engine status:
  Total memory          4046 MB Max   2063 MB used ( 51 percent)
  Control plane memory  1742 MB Max   592 MB used ( 34 percent)
  Data plane memory     2304 MB Max  1452 MB used ( 63 percent)
  5 sec CPU utilization:
    User                 1 percent
    Background           0 percent
    Kernel               0 percent
    Interrupt            0 percent
    Idle                 99 percent
  Model                  VSRX RE
  Start time             2021-07-11 23:45:17 PDT
  Uptime                 35 days, 12 hours, 29 minutes, 25 seconds
  Last reboot reason     Router rebooted after a normal shutdown.
  Load averages:        1 minute   5 minute   15 minute
                        1.22        1.37        1.41
```

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

- A. The last 5 second CPU utilization is 99%.
- B. The last 5 second CPU utilization is 1%.
- C. The control plane memory used is 63%.
- D. The data plane memory used is 63%.

Answer: BD

NEW QUESTION 47

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 48

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 52

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

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 01]
- D. [edit interfaces]

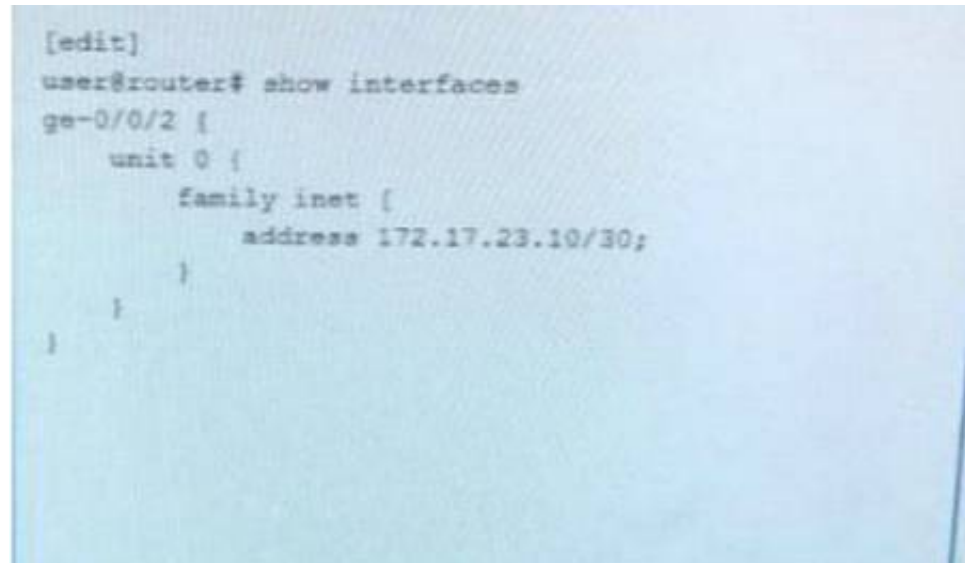
Answer: D

Explanation:

```
abc# edit interfaces [edit interfaces]
abc# edit ge-0/0/1 unit 0 family inet
[edit interfaces ge-0/0/1 unit 0 family inet] abc# exit
[edit interfaces]
```

NEW QUESTION 56

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 60

A router contains both a static route and an OSPF route for the 172.18.100.0/24 prefix in its routing table. The router is configured to use the factory-default Junos OS routing preference values.

In this scenario, which statement is correct?

- A. The OSPF route will be active because of a higher default preference value.
- B. The OSPF route will be active because of a lower default preference value.
- C. The static route will be active because of a lower default preference value.
- D. The static route will be active because of a higher default preference value.

Answer: C

NEW QUESTION 61

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 63

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 68

Click the Exhibit button.

```
UserA@router1> configure
UserA@router1# deactivate routing-instances XYZ protocols bgp group MX1-PE1 traceoptions
UserA@router1# deactivate routing-instances CST protocols bgp group BGP1 traceoptions
UserA@router1# deactivate routing-instances XYZ protocols bgp group BGP2 traceoptions
UserA@router1# show | compare
[edit routing-instances CST protocols bgp group BGP1]
!      inactive: traceoptions ( ... )
[edit routing-instances XYZ protocols bgp group BGP2]
!      inactive: traceoptions ( ... )
[edit routing-instances XYZ protocols bgp group MX1-PE1]
!      inactive: traceoptions ( ... )
UserA@router1# commit check
re0:
configuration check succeeds
rel:
configuration check succeeds
```

UserA is currently working on routed and has issued the commands shown in the exhibit. UserB wants to update the IP address currently configured on interface xe-1/2/1.0.

What will UserB do to complete the configuration changes without interfering with UserA's work?

- A. UserB should use the configure private option to complete the changes while UserA continues with the changes.
- B. UserB should use the configure exclusive option to complete the changes while UserA continues with the changes.
- C. Use the edit command and run the commit confirmed option then proceed with UserB's changes.
- D. Wait for UserA to finish then proceed with changes using the configure private option.

Answer: B

NEW QUESTION 72

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:

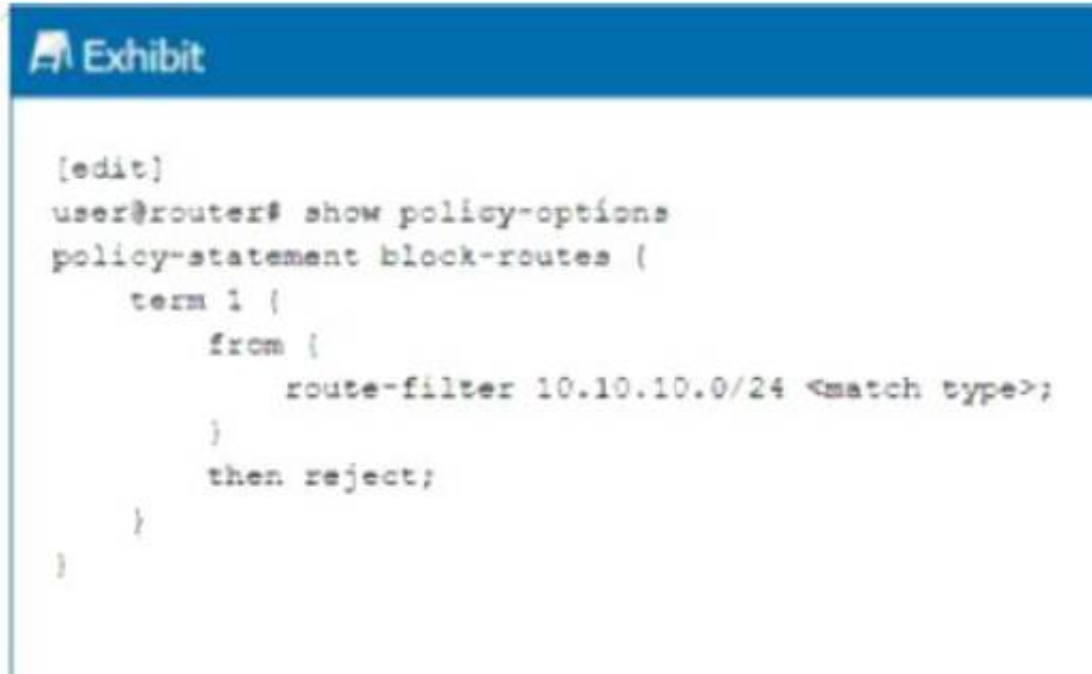
* 1. Log in as root.

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

..."

NEW QUESTION 73

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 76

Which two statements about firewall filters are correct? (Choose two.)

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

Answer: CD

Explanation:

Ref: Stateless Firewall Filter Overview | Junos OS | Juniper Networks "Stateless Firewall Filter Overview

...

Data Packet Flow Control

To control the flow of data packets transiting the device as the packets are being forwarded from a source to a destination, you can apply stateless firewall filters to the input or output of the router's or switch's physical interfaces.

..." [edit]

user@router#

In which mode is the system currently operating, as shown in the exhibit?

- A. operational mode
- B. UNIX shell
- C. configuration mode
- D. single-user mode

Answer: C

Ref: Overview of the Configure Command | Junos OS | Juniper Networks "Overview of the Configure Command

...

How to Use the configure Command

...

Use the configure command to enter CLI configuration mode.

If other users are in configuration mode, the message displayed indicates who the users are and what portion of the configuration each person is viewing or editing.

user@host> configure Entering configuration mode Current configuration users:

root terminal p3 (pid 1088) on since 2018-05-13 01:03:27 EDT [edit interfaces so-3/0/0 unit 0 family inet]

The configuration has been changed but not committed [edit]

user@host#

..."

NEW QUESTION 77

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 78

Which command allows multiple users to edit a configuration while conning only their unique changes?

- A. configure exclusive
- B. configure batch
- C. configure private
- D. configure dynamic

Answer: C

Explanation:

The configure private command allows multiple users to edit different parts of a configuration at the same ti and commit only their changes or roll back, without interfering with each other's changes. When the configure private command is used, you work in a private candidate configuration, which is a copy of the most recently committed configuration.

<https://kb.juniper.net/InfoCenter/index?page=content&id=KB19653&actp=METADATA>

NEW QUESTION 83

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