



# Juniper

## Exam Questions JN0-104

Junos - Associate (JNCIA-Junos)

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#### NEW QUESTION 1

Click the Exhibit button.

#### Exhibit

```
user@router> show configuration interfaces ge-0/0/1.0
family inet {
    filter {
        input input-ff;
    }
    address 10.10.102.1/24;
}
user@router> show configuration firewall filter input-ff
term t1 {
    then {
        reject;
    }
}
```

Referring to the exhibit, which statement is correct about traffic received on the ge-0/0/1.0 interface?

- A. All traffic will be silently dropped.
- B. All traffic will be accepted.
- C. All traffic will be dropped and a UDP message sent back to the source.
- D. All traffic will be dropped and an ICMP notification sent back to the source.

**Answer:** C

#### NEW QUESTION 2

When you choose to read your e-mail using an e-mail client, your e-mail client interacts with which OSI layer?

- A. presentation
- B. transport
- C. application
- D. session

**Answer:** C

#### **Explanation:**

According to the OSI (Open Systems Interconnection) model, the application layer is responsible for providing the user with a means to access the network services, such as e-mail, file transfer, and virtual terminal access. An e-mail client, such as Microsoft Outlook or Apple Mail, operates at the application layer and interacts with the underlying network services to retrieve and manage e-mail messages.

#### NEW QUESTION 3

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 4

Click the Exhibit button

#### Exhibit

```
Amnesiac (ttyu0)
login:
```

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 5

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 6

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 7

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 8

What is the decimal equivalent of 00000100?

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

**Answer:** B

#### NEW QUESTION 9

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 10

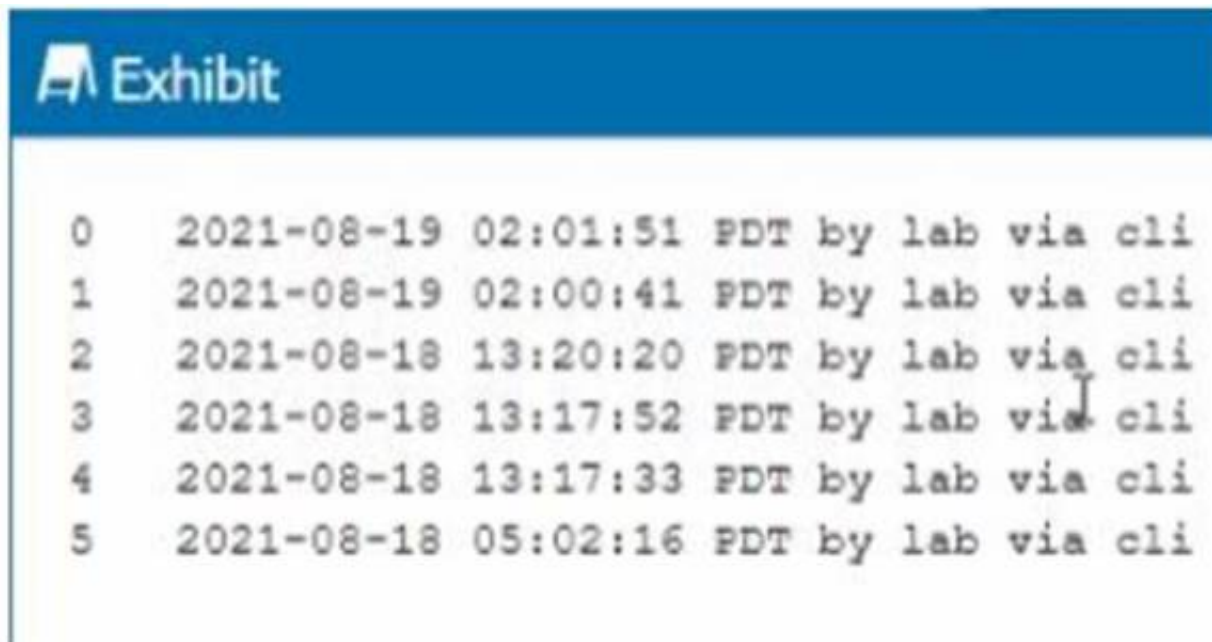
Which operational mode command will provide real-time usage statistics for the ge-0/0/0 interface?

- A. show interfaces ge-0/0/0 extensive
- B. monitor interface traffic
- C. show interfaces statistics
- D. monitor traffic interface ge-0/0/0

**Answer:** B

#### NEW QUESTION 10

Click the Exhibit button.



Which operational mode command in Junos OS produces the output shown in the exhibit?

- A. show system users
- B. show system connections
- C. show system commit
- D. show system reboot

**Answer:** C

#### NEW QUESTION 11

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.

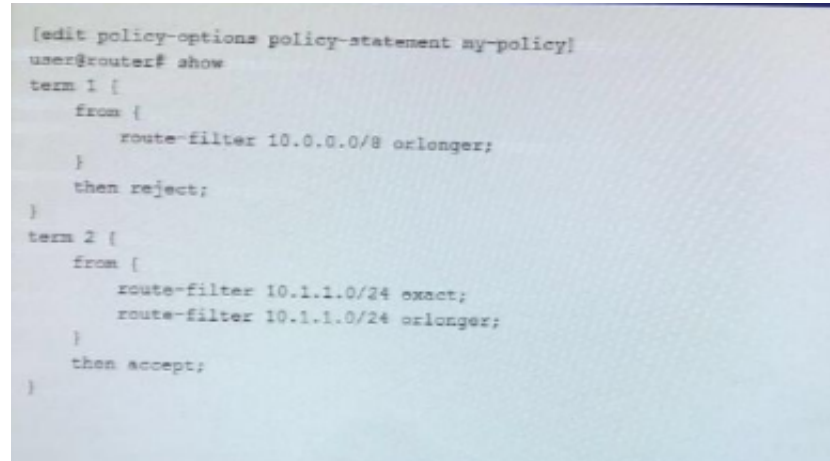
... Overview

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 12

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?

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

**Answer: B**

## NEW QUESTION 17


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

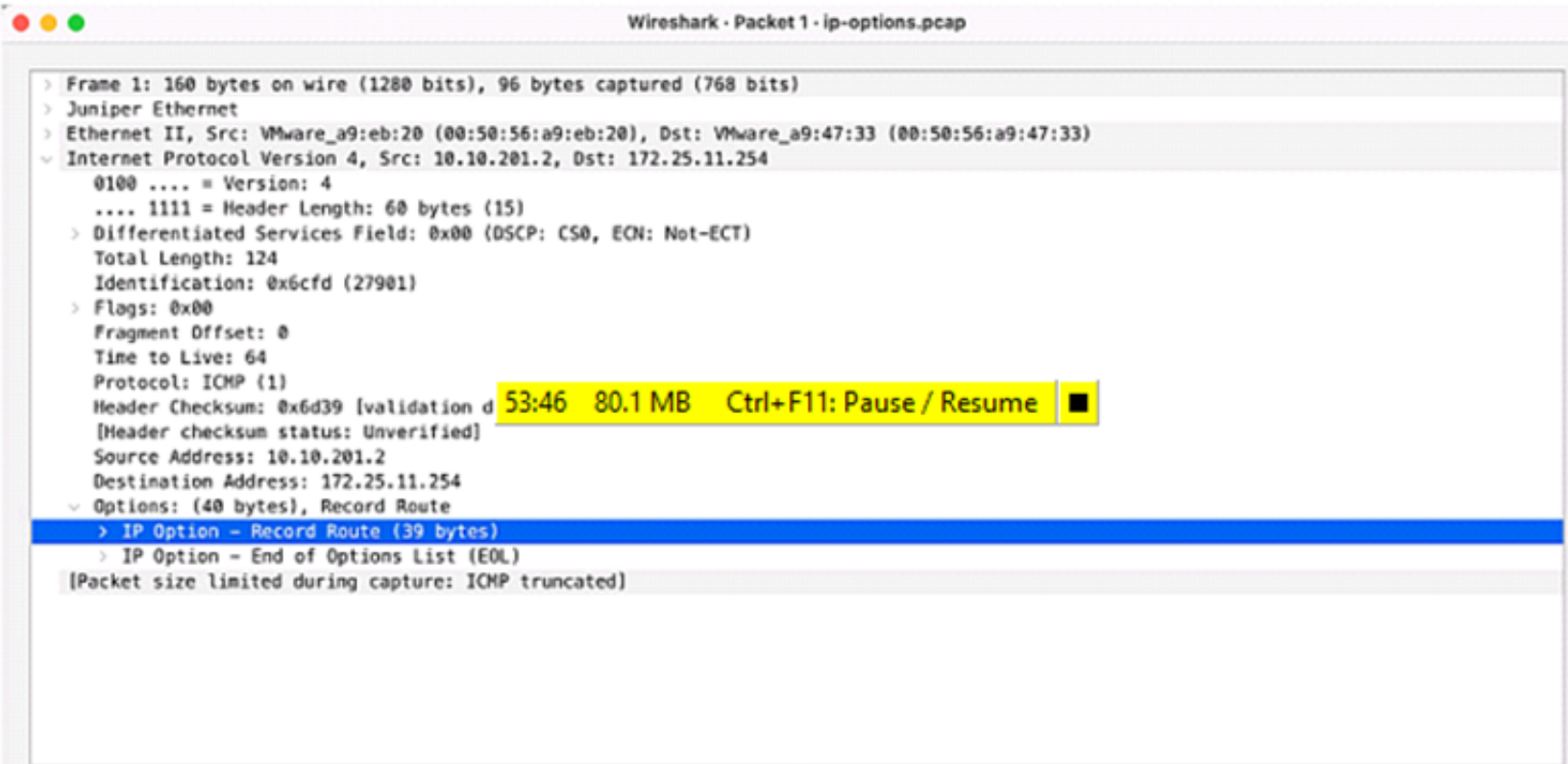
- A. Layer 3
- B. Layer 4
- C. Layer 5
- D. Layer 2

**Answer: A**

## NEW QUESTION 18

Click the Exhibit button.

 **Exhibit**



Wireshark · Packet 1 · ip-options.pcap

> Frame 1: 160 bytes on wire (1280 bits), 96 bytes captured (768 bits) on interface 0

> Juniper Ethernet

> Ethernet II, Src: VMware\_a9:eb:20 (00:50:56:a9:eb:20), Dst: VMware\_a9:47:33 (00:50:56:a9:47:33)

> Internet Protocol Version 4, Src: 10.10.201.2, Dst: 172.25.11.254

0100 .... = Version: 4

.... 1111 = Header Length: 60 bytes (15)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 124

Identification: 0x6cfd (27901)

> Flags: 0x00

Fragment Offset: 0

Time to Live: 64

Protocol: ICMP (1)

Header Checksum: 0x6d39 [validation failed] 53:46 80.1 MB Ctrl+F11: Pause / Resume

[Header checksum status: Unverified]

Source Address: 10.10.201.2

Destination Address: 172.25.11.254

> Options: (40 bytes), Record Route

> IP Option - Record Route (39 bytes)

> IP Option - End of Options List (EOL)

[Packet size limited during capture: ICMP truncated]

What happens if the packet shown in the exhibit is received by a device running Junos OS?

- A. The packet is received by the RE first and then redirected to the PFE.
- B. The packet is received by the PFE first and then redirected to the RE.
- C. The packet is handled by the PFE alone.
- D. The packet is handled by the RE alone.



**Answer:** B

**Explanation:**

IP options are exception traffic

Packets addressed to the chassis, such as routing protocol updates, Telnet sessions, pings, traceroutes, and replies to traffic sourced from the RE;

- IP packets with the IP options field (options in the packet's IP header are rarely seen, but the PFE was purposely designed not to handle IP options; packets with IP options must be sent to the RE for processing); and
- Traffic that requires the generation of Internet Control Message Protocol (ICMP) messages.

**NEW QUESTION 20**

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 25**

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 26**

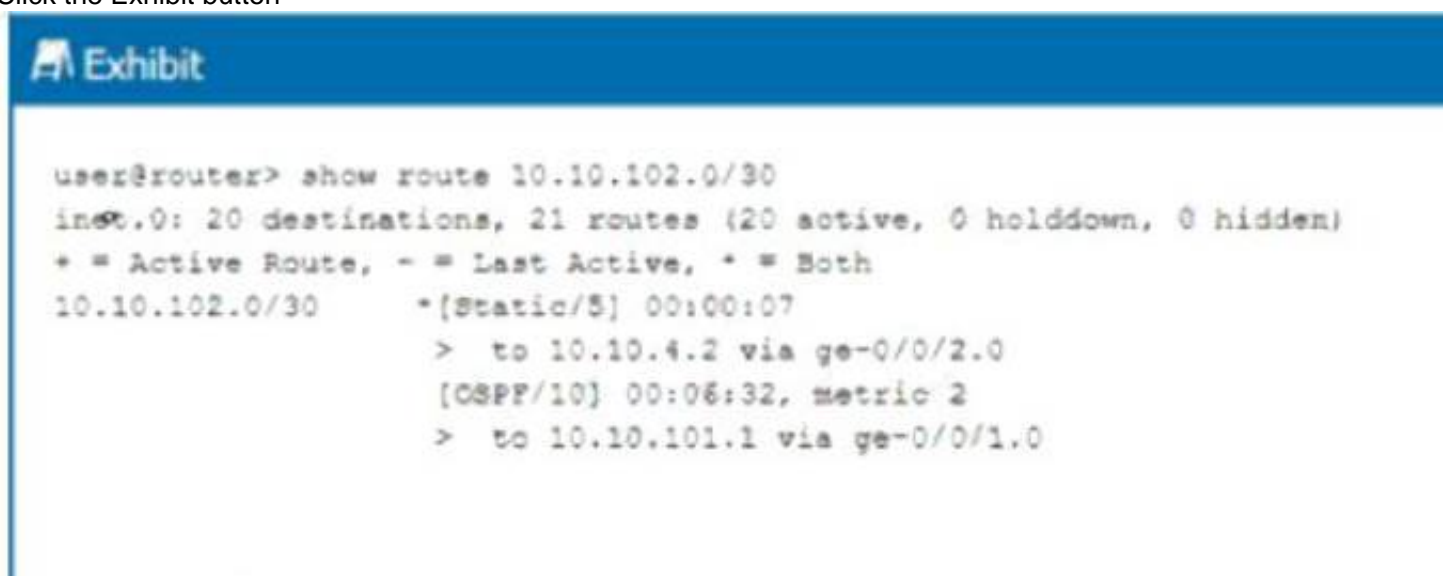
The IP address 10.1.1.1 belongs to which class of IP address space?

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

**Answer:** A

**NEW QUESTION 30**

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 33**

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 37

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 38

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 39

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 42

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

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

**Answer:** AC

### NEW QUESTION 43

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 48

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 53

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 55

What is the network address for a host with an IP address of 192.168.87.125/16?

- A. 192.168.128.0
- B. 192.168.0.0
- C. 192.168.96.0
- D. 192.168.87.0

**Answer:** B

#### Explanation:

The network address for a host is determined by performing a bitwise AND operation between the host's IP address and the subnet mask. In this case, the IP

address is 192.168.87.125 and the subnet mask is 255.255.0.0 (or /16), which means that the first 16 bits are used for the network portion of the address and the remaining 16 bits are used for the host portion.

To find the network address, we perform the bitwise AND operation: 192.168.87.125 (IP address)

& 255.255.0.0 (subnet mask)

= 192.168.0.0 (network address)

So, the network address for a host with an IP address of 192.168.87.125/16 is 192.168.0.0.

#### NEW QUESTION 57

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 58

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 60

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

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

**Answer:** BC

#### NEW QUESTION 61

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

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

**Answer:** ABC

#### NEW QUESTION 64

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:** 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 69

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 70

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

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

**Answer:** B

#### NEW QUESTION 72

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 77

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 78

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 83

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 84

Which attribute must be defined when configunng a non-root user in Junos OS?

- A. class
- B. uid
- C. authentication
- D. full-name

**Answer:** A

#### Explanation:

UID is optional (it is automatically set) whereas class is required:<https://www.juniper.net/documentation/us/en/software/junos/user-access/topics/topic-map/junos-os-use>

#### NEW QUESTION 85

Click the Exhibit button.

### Exhibit

```
(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 89

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 93

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 94

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 96

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 97

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 100

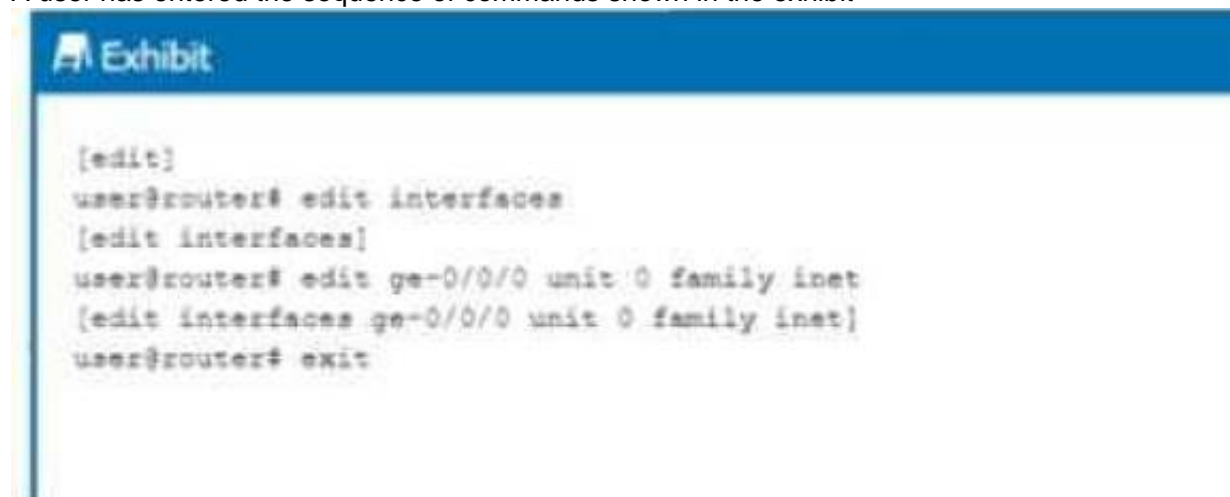
What are three valid software release designations for the junos OS? (Choose three.)

- A. X
- B. R
- C. T
- D. Z
- E. B

**Answer:** ABE

#### NEW QUESTION 104

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



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 109

Which two statements describe the functions of the Routing Engine (RE)? (Choose two.)

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

**Answer:** BD

#### NEW QUESTION 111

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

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

**Answer:** AC

#### Explanation:



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

#### NEW QUESTION 115

Which statement regarding transit traffic processing is correct?

- A. Transit traffic is processed by both the control plane and forwarding plane.
- B. Transit traffic is only processed by the control plane.
- C. Transit traffic is only processed by the forwarding plane
- D. Transit traffic is not processed by the local device.

**Answer: C**

#### NEW QUESTION 117

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 120

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 121

Which statement is true about a virtual router routing instance?

- A. It can be used for Layer 3 VPN implementations.
- B. It can be used to create a separate routing table.
- C. An interface in the routing instance can also reside in the default routing instance.
- D. It automatically has import and export policies applied.

**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 130

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 135

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 138

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 140

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 144

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 146**

Click the Exhibit button



```
user@router> show interfaces ge-0/0/0 extensive
Physical interface: ge-0/0/0, Enabled, Physical link is Down
Interface index: 137, SNMP ifIndex: 508, Generation: 140
Link-level type: Ethernet, MTU: 1514, LAN-PHY mode, Link-mode: Full-duplex,
Speed: 10Gbps, BPDU Error: None, Loop Detect PDU Error: None,
Ethernet-Switching Error: None, MAC-REWRITE Error: None, Loopback: Disabled,
Source filtering: Disabled, Flow control: Enabled
Device flags      : Present Running
Interface flags: SNMP-Traps Internal: 0x4000
Link flags        : None
CoS queues        : 8 supported, 8 maximum usable queues
Hold-times        : Up 0 ms, Down 0 ms
Current address: 00:50:56:a9:03:76, Hardware address: 00:50:56:a9:03:76
Last flapped      : 2021-04-06 04:56:12 PDT (1d 07:12 ago)
Statistics last cleared: Never
Traffic statistics:
```

...

Referring to the exhibit, you are unable to see any traffic coming on interface ge-0/0/0. What is causing this problem?

- A. The ge-0/0/0 interface is administratively down.
- B. The ge-0/0/0 interface has flow control disabled.
- C. The ge-0/0/0 interface's physical link is down.
- D. The ge-0/0/0 interface has the link-mode set to half-duplex.

**Answer:** C

**NEW QUESTION 147**

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 149**

.....

## Relate Links

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