

Juniper

Exam Questions JN0-104

Junos - Associate (JNCIA-Junos)



NEW QUESTION 1

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 2

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 3

Which protocol connects multiple autonomous systems?

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

Answer: D

Explanation:

According to the Juniper Networks JNCIA-Junos Study Guide, "External Border Gateway Protocol (EBGP) is used to connect multiple autonomous systems (ASes) and exchange routing information between them."

NEW QUESTION 4

What is the decimal equivalent of 00000100?

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

Answer: B

NEW QUESTION 5

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 6

Click the Exhibit button

Exhibit

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

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

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

Answer: A

Explanation:

<https://www.youtube.com/watch?v=045KRRS9fCg&t=396s>

NEW QUESTION 7

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 8

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 9

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

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 10

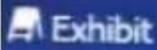
Which statement about the forwarding table is correct?

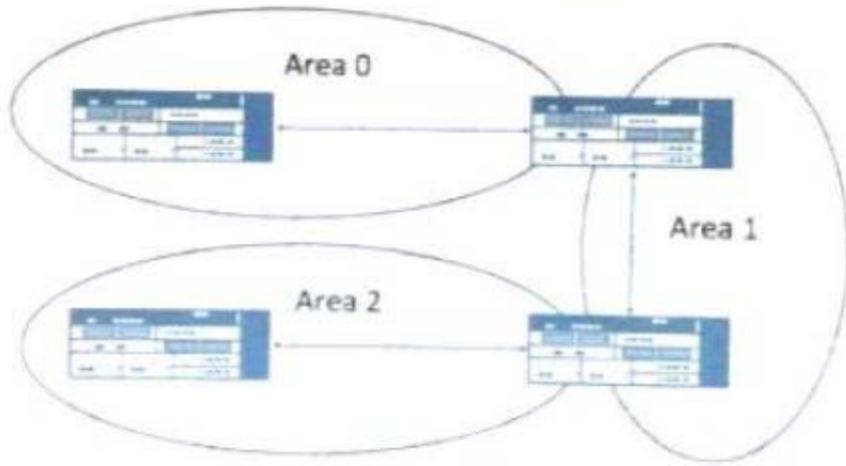
- A. It contains all known routes including IPv6
- B. It is only available on the PFE
- C. It is only available on the RE
- D. It is available on both the RE and the PFE.

Answer: B

NEW QUESTION 12

Referring to the exhibit.

 Exhibit



which OSPF feature would connect Area 2 to Area 0?

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

Answer: C

NEW QUESTION 14

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

Click the Exhibit button.

-- Exhibit --

```
user@router> restart
```

```
^
```

unknown command.

-- Exhibit -

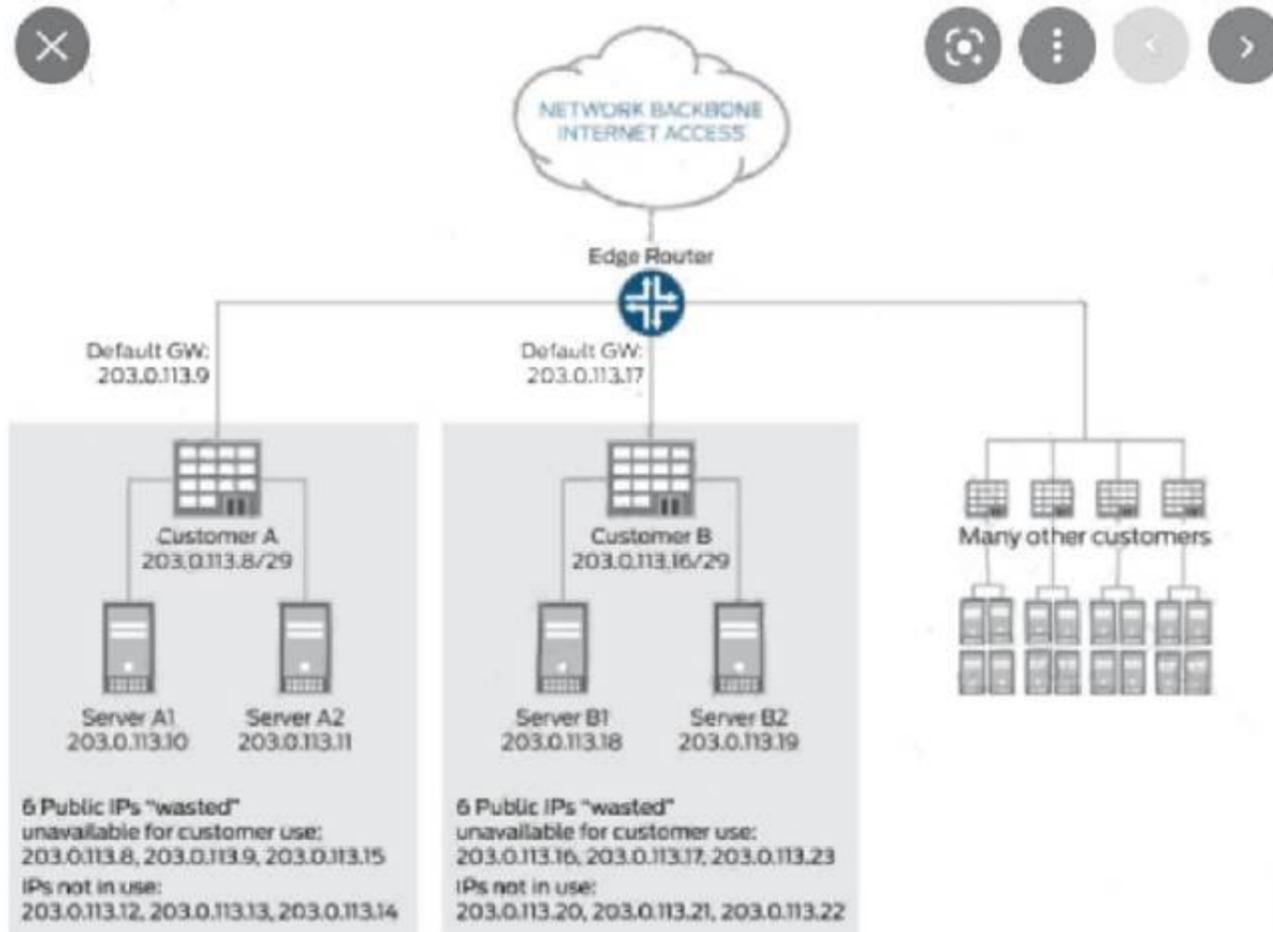
You are troubleshooting a routing issue on a device running Junos. You receive the error shown in the exhibit when you attempt to restart the routing process. Which statement describes the problem?

- 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 19

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 22

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 23

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 25

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

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

Answer: ABC

NEW QUESTION 28

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 33

Click the Exhibit button

Exhibit

```

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

```

Which command will solve the problem shown in the exhibit?

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

Answer: B

NEW QUESTION 37

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 39

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 41

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 44

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 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

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 57

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 62

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 64

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

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

Answer: BD

NEW QUESTION 67

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



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

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

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

Answer: 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 70

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 73

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 74

Click the Exhibit button.

```
[edit firewall family inet]
user@router# show
filter traffic-filter {
  term allow-packets {
    from {
      source-address {
        10.10.10.0/24;
      }
    }
  }
}
[edit interfaces ge-0/0/1]
user@router# show
unit 0 {
  family inet {
    filter {
      input traffic-filter;
    }
    address 172.19.20.2/30;
  }
}
```

Referring to the exhibit, a firewall filter is configured and applied to the ge-0/0/1 interface. In this scenario, which statement is correct?

- A. All traffic to destination 10.10.10.0/24 is accepted.
- B. All traffic entering on interface ge-0/0/1 is discarded.
- C. All traffic entering on interface ge-0/0/1 is accepted.
- D. All traffic from source 10.10.10.0/24 is accepted.

Answer: D

Explanation:

if term has no "then" configured, matched packets are accepted by default <https://www.juniper.net/documentation/us/en/software/junos/routing-policy/topics/concept/firewall-filter-> Additionally:

if term has no "from" configured, every packet is matched to term
 if packet does not match any term - default term (implicit discard) is used

NEW QUESTION 77

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

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

Answer: D

NEW QUESTION 81

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 82

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 85

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 88

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 91

Click the Exhibit button

Exhibit

```
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 94

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