

JN0-102 Dumps

Junos, Associate (JNCIA-Junos)

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NEW QUESTION 1

-- Exhibit --

```
user@router> show system alarms 1 alarms currently active
```

Alarm time Class Description

2013-09-14 23:54:01 UTC Minor Rescue configuration is not set

-- Exhibit --

Which command will resolve the problem shown in the exhibit?

- A. user@router> request system configuration rescue save
- 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: A

NEW QUESTION 2

Which command will display the active configuration?

- A. user@router> show configuration
- B. user@router# show
- C. user@router> show system configuration
- D. user@router> show system commit

Answer: A

NEW QUESTION 3

Which layer in the OSI model is responsible for translating frames into bits?

- A. Application Layer
- B. Presentation Layer
- C. Data Link Layer
- D. Physical Layer

Answer: C

NEW QUESTION 4

Which two prefixes would summarize the networks shown below? (Choose two.)

192.168.1.0/24
192.168.2.0/24
192.168.3.0/24

- A. 192.168.0.0/23
- B. 192.168.0.0/22
- C. 192.168.0.0/24
- D. 192.168.0.0/21

Answer: BD

NEW QUESTION 5

What are two ways that packet fragmentation is handled differently between IPv6 and IPv4? (Choose two.)

- A. End hosts determine the path MTU for IPv6.
- B. End hosts determine the path MTU for IPv4.
- C. Packet fragmentation occurs at intermediate nodes for IPv4.
- D. Packet fragmentation occurs at intermediate nodes for IPv6.

Answer: AC

NEW QUESTION 6

A user opens a webpage that requires the transmission of packets from the Web server to the client's browser. The packets transmitted from the Web server to the client exceed the smallest MTU value on the communications path.

Which two protocol functions allow this type of communication? (Choose two.)

- A. packet segmentation
- B. serialized checking
- C. packet sequencing
- D. parallel checking

Answer: AC

NEW QUESTION 7

Which two Junos platforms provide stateful firewall functionality? (Choose two.)

- A. MX Series
- B. EX Series

- C. SRX Series
- D. QFX Series

Answer: AC

NEW QUESTION 8

Which command gracefully shuts down the Junos OS?

- A. request system reboot
- B. request system logout
- C. request system halt
- D. restart gracefully

Answer: C

NEW QUESTION 9

-- Exhibit --

```
[edit interfaces ge-0/0/1] user@router# show
```

```
unit 100 {  
  vlan-id 100; family inet {  
    address 10.1.1.1 /24;  
  }  
}
```

```
[edit interfaces ge-0/0/1] user@router# commit check [edit interfaces ge-0/0/1] 'unit 100'
```

Only unit 0 is valid for this encapsulation error: configuration check-out failed

-- Exhibit --

Referring to the exhibit, you are unable to commit the configuration for the ge-0/0/1 interface.

What must you do to commit the configuration?

- A. You must set the vlan-tagging parameter under the [edit interfaces ge-0/0/1] hierarchy.
- B. You must use the rename command to change unit 100 to unit 0.
- C. You must set the encapsulation flexible-ethernet-services parameter under the [edit interfaces ge-0/0/1] hierarchy.
- D. You must set the encapsulation vlan-ccc parameter under the [edit interfaces ge-0/0/1 unit 100] hierarchy.

Answer: A

NEW QUESTION 10

Which statement describes exception traffic?

- A. Exception traffic must be sent to the PFE for processing.
- B. Exception traffic enters one ingress port and is sent out multiple egress ports.
- C. Exception traffic is rate-limited on the internal link to prevent DoS attacks.
- D. Exception traffic is processed after forwarding traffic when congestion exists.

Answer: C

NEW QUESTION 10

-- Exhibit --

```
[edit interfaces ge-0/0/6] user@router# show
```

```
unit 0 { familyinet {  
  address 172.16.10.100/24; address 172.16.10.101/24;  
}  
}
```

-- Exhibit --

You have two IP addresses configured on the ge-0/0/6 interface, as shown in the exhibit. You want to select the 172.16.10.101 address as the source address for packets sent from this interface to hosts on a remote subnet.

Which parameter would you add to the 172.16.10.101 address to complete this task?

- A. preferred
- B. broadcast
- C. primary
- D. arp 172.16.10.101

Answer: A

NEW QUESTION 11

What are two routing requirements for a device to communicate with another device? (Choose two.)

- A. end-to-end communications path
- B. hosts on the same Layer 2 broadcast domain
- C. hosts on the same Layer 3 broadcast domain
- D. routing information on participating Layer 3 devices

Answer: AD

NEW QUESTION 14

Which simplified IPv6 address is the same as the IP address 2001:0000:1000:0000:0000:cbff:0020:0001/64?

- A. 2001::1::cbff:2:0001/64
- B. 2001::1000::cbff:20:1/64
- C. 2001:0:1000::cbff:20:1/64
- D. 2001:0:1:0:0:cbff:2:1/64

Answer: C

NEW QUESTION 18

-- Exhibit --

```
{master:0}[edit interfaces] user@switch# show
me0 { disable; unit 0 { family inet {
address 10.1.1.10/24;
}
}
}
```

-- Exhibit --

Administrators report that they are unable to access the management interface of the EX Series device shown in the exhibit. Which command will resolve this problem?

- A. delete me0 disable
- B. activate me0
- C. set me0 unit 0 enable
- D. deactivate me0

Answer: A

NEW QUESTION 19

Which two statements are true regarding routing tables? (Choose two.)

- A. The routing table is populated by the forwarding table.
- B. Devices running the Junos OS can accommodate multiple routing tables.
- C. Information learned from routing protocols is stored in the routing table.
- D. The primary routing table for IPv4 unicast routes is inet.4.

Answer: BC

NEW QUESTION 20

Which two external authentication servers are supported for administrative access to a Junos device? (Choose two.)

- A. RADIUS
- B. LDAP
- C. ACE
- D. TACACS+

Answer: AD

NEW QUESTION 22

Which command displays only the interfaces that are operationally and administratively up?

- A. show interfaces terse | match up
- B. show interfaces terse | match down
- C. show interfaces terse | except up
- D. show interfaces terse | except down

Answer: D

NEW QUESTION 27

Which command would you use to view interface usage details in real time?

- A. show interfaces terse
- B. show interfaces extensive
- C. monitor interface traffic
- D. monitor traffic interface

Answer: C

NEW QUESTION 30

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:1111
- D. 49.0001.0192.0168.1001.00

Answer: C

NEW QUESTION 34

You must apply the family inet configuration parameter only to Gigabit Ethernet interfaces that are in FPC 2.
Which output applies to this configuration?

- A. [edit groups]user@router# showge-int {interfaces {<ge-*> {unit 0 {family inet;}}}}
- B. [edit groups]user@router# showge-int {interfaces {<*> {unit 0 {family inet;}}}}
- C. [edit groups]user@router# showge-int {interfaces {<*-2/*/*> {unit 0 {family inet;}}}}
- D. [edit groups]user@router# showge-int {interfaces {<ge-2/*> {unit 0 {family inet;}}}}

Answer: D

NEW QUESTION 39

What are two benefits of the modular design of the Junos OS? (Choose two.)

- A. Each module uses application-specific integrated circuits (ASICs).
- B. Each module runs in its own protected memory space.
- C. Each module can be individually restarted.
- D. Each module is supported across all Junos platforms.

Answer: BC

NEW QUESTION 42

Which process is responsible for the configuration of the router and all user commands on a Junos device?

- A. rpd
- B. chassisd
- C. dcd
- D. mgd

Answer: D

NEW QUESTION 46

What is the last usable IP address in the 218.6.0.0/17 network?

- A. 218.6.125.254
- B. 218.6.126.254
- C. 218.6.127.254
- D. 218.6.128.254

Answer: C

NEW QUESTION 47

You are asked to configure the configuration archival feature on your Junos devices. Which two transfer methods are available? (Choose two.)

- A. TFTP
- B. FTP
- C. SCP
- D. SFTP

Answer: BC

NEW QUESTION 52

What is the decimal equivalent of 00000100?

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

Answer: B

NEW QUESTION 54

-- Exhibit --

inet.0: 4 destinations, 4 routes (4 active, 0 holddown, 0 hidden)

+ = Active Route, - = Last Active, * = Both

172.23.10.0/24 *[Direct/0] 21:59:56

>via ge-0/0/6.0

172.23.10.100/32 *[Local/0] 22:00:10

Local via ge-0/0/6.0 172.23.12.0/24 *[Static/5] 00:01:36

>to 172.23.10.1 via ge-0/0/6.0 172.23.15.0/24 *[Static/5] 00:01:36

>to 172.23.10.1 via ge-0/0/6.0

-- Exhibit --

Users are unable to access resources in the 172.23.14.0/24 subnet.

Referring to the exhibit, which two actions would solve this problem? (Choose two.)

- A. Configure a separate routing instance.
- B. Configure a default static route.

- C. Configure a static route to 172.23.14.0/24.
- D. Configure the existing routes to resolve the indirect next hop.

Answer: BC

NEW QUESTION 58

Which mode is used to allow only a single person to edit a configuration?

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

Answer: C

NEW QUESTION 60

Which two statements describe the forwarding table in the Junos OS? (Choose two.)

- A. The forwarding table contains all known routes.
- B. The forwarding table stores a subset of information from the routing table.
- C. Junos devices use the forwarding table to compare incoming packets against existing entries to determine the next hop.
- D. If multiple matches exist, the forwarding table uses the least-specific entry to forward packets toward the destination.

Answer: BC

NEW QUESTION 65

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

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

Answer: CD

NEW QUESTION 66

What is the central processing component of the forwarding plane?

- A. PFE
- B. RE
- C. Junos OS
- D. forwarding table

Answer: A

NEW QUESTION 70

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

- A. message of the day
- B. tip of the day
- C. explanation for specific system log error messages
- D. explanation for specific traceoptions log messages

Answer: BC

NEW QUESTION 74

Which two statements are correct when you use the reject parameter as the next-hop value for a static route? (Choose two.)

- A. The packet is dropped and the packet's source is marked with the no-readvertise parameter.
- B. The system sends the packet back to the source.
- C. The packet is dropped from the network.
- D. The system sends an ICMP message back to the source of the packet.

Answer: CD

NEW QUESTION 75

```
0.0.0/17 *[Static/5] 00:00:11
>to 10.1.1.2 via ge-0/0/1.0 99.0.0.0/19 *[Static/5] 00:00:11
>to 10.1.2.2 via ge-0/0/2.0 99.0.0.0/24 *[Static/5] 00:00:11
>to 10.1.3.2 via ge-0/0/3.0 99.0.0.0/26 *[Static/5] 00:00:11
>to 10.1.4.2 via ge-0/0/4.0
-- Exhibit --
```

In the exhibit, there are four static routes that route traffic through different interfaces. Which interface does the router use if traffic is sent to the 99.0.0.1 destination?

- A. ge-0/0/1
- B. ge-0/0/2
- C. ge-0/0/3
- D. ge-0/0/4

Answer: C

Explanation: 84. At which command prompt would you issue the set date <date> command?

- A. [edit chassis]user@router#
- B. [edit]user@router#
- C. [edit system]user@router#
- D. user@router>

85. Which two statements about MPLS label-switched paths (LSPs) are true? (Choose two.)

- A. LSPs are bidirectional.
- B. LSPs are unidirectional.
- C. LSPs must follow the IGP's shortest path.
- D. LSPs can follow paths other than the IGP's shortest path.

86. How many host addresses are available in the 172.27.0.0/28 network?

- A. 6
- B. 14
- C. 28
- D. 30

87. What are three characteristics of UDP? (Choose three.)

- A. UDP is faster than TCP.
- B. UDP operates at the Transport Layer.
- C. UDP is connection-oriented.
- D. UDP data is sent best-effort.
- E. UDP is more reliable than TCP.

88. Which source of routing information is preferred by default?

- A. OSPF internal
- B. OSPF external
- C. IS-IS Level 1
- D. IS-IS Level 2

89. Which statement describes transit traffic?

- A. Traffic addressed to the chassis that requires some form of special handling by the RE before it can be forwarded out an egress port.
- B. Traffic that enters an ingress port, is compared against the forwarding table, and is forwarded out an egress port.
- C. Any traffic that requires the generation of an ICMP message.
- D. Traffic that requires some form of special attention and does not pass through the device.

90. Which command prompt indicates that you are in operational mode?

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

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

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

92. Which two design goals describe the Junos OS design? (Choose two.)

- A. clean separation of security and routing policies
- B. clean separation of control and forwarding planes
- C. modularization of multiple software processes
- D. a single hardware platform for all software applications

93. To which directory does the Junos OS write traceoptions files?

- A. /var/tmp/
- B. /var/
- C. /var/log/
- D. /var/home/<username>/

94. When using keyboard shortcuts, which single keystroke combination allows users to erase the entire current command?

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

95. Which configuration parameter on a Junos device alters the default next-hop resolution behavior of a static route?

- A. no-readvertise
- B. resolve
- C. preference
- D. passive

96. Which action does the ping 172.18.1.1 size 5 command perform?

- A. It sends only five ping requests to the 172.18.1.1 destination.
- B. It sends a continuous ping with a packet length of five bytes to the 172.18.1.1 destination.

- C. It sends five rapid ping requests to the 172.18.1.1 destination.
D. It sends a continuous rapid ping with a packet length of five bytes to the 172.18.1.1 destination.

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

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

98. Which layer in the TCP/IP model is responsible for delivering packets to their destination?

- A. Application Layer
B. Transport Layer
C. Internet Layer
D. Network Access Layer

99. -- Exhibit --

```
user@router> restart
```

```
^
```

unknown command.

-- Exhibit --

You are investigating routing problems on a device running the Junos OS. You receive the error shown in the exhibit when you attempt to restart the routing process.

Which statement describes the problem?

- A. You have typed an invalid command.
B. You must be in configuration mode to restart the routing process.
C. You do not have permission to restart the routing process.
D. You must wait until close of business to restart the routing process, based on user- defined policy.

NEW QUESTION 79

Which word starts the command to remove configuration elements on a Junos device?

- A. undo
B. remove
C. delete
D. unset

Answer: C

NEW QUESTION 83

Which two firewall filter actions will terminate the processing and evaluation of a packet? (Choose two.)

- A. permit
B. accept
C. deny
D. discard

Answer: BD

NEW QUESTION 85

Which statement is true regarding the Junos OS?

- A. Each process runs in its own protected memory space ensuring that one process cannot directly interfere with another.
B. Processes share memory space but use separate ASICs so that one process cannot directly interfere with another.
C. A central processor called the IP2 Chip dynamically assigns memory as process needs fluctuate.
D. The memory management daemon (mmd) is responsible for allocating new memory for processes as they request it.

Answer: A

NEW QUESTION 89

Which CLI mode allows you to make configuration changes?

- A. enable mode
B. configuration mode
C. operational mode
D. active mode

Answer: B

NEW QUESTION 90

You accidentally configured interface so-0/0/0.0 with /32 instead of /30.

Which two solutions could you use to correct this configuration? (Choose two.)

- A. [edit interfaces so-0/0/0.0]user@router# replace family inet address /32 with /30
B. [edit interfaces so-0/0/0.0]user@router# rename family inet address /32 to address /30
C. [edit]user@router# replace interface so-0/0/0.0 family inet address /32 with address /30
D. [edit interfaces so-0/0/0.0]user@router# delete family inet addressuser@router# set family inet address /30

Answer: BD

NEW QUESTION 95

-- Exhibit --

```
[edit firewall family inet filter input-filter] user@router# show
term my-policy {
  from {
    source-address { 151.43.62.0/24;
  }
}
then { count;
}
}
term else {
  then { discard;
}
}
```

-- Exhibit --

Which two tasks are accomplished by the firewall filter shown in the exhibit? (Choose two.)

- A. Traffic matching the my-policy term will be counted and accepted.
- B. Traffic matching the my-policy term will be counted and discarded.
- C. Traffic not matching the my-policy term will be discarded.
- D. Traffic not matching the my-policy term will be accepted.

Answer: AC

NEW QUESTION 97

Which route filter match type only matches prefixes greater than the defined prefix?

- A. exact
- B. upto
- C. longer
- D. orlonger

Answer: C

NEW QUESTION 99

-- Exhibit --

```
[edit policy-options] user@router# show
policy-statement my-policy {
  term 1 {
    from {
      route-filter 172.27.0.0/24 longer;
    }
  }
}
then reject;
```

-- Exhibit --

Which statement is correct about the policy shown in the exhibit?

- A. All routes are accepted.
- B. All routes are rejected.
- C. A 172.27.0.0/24 route will be accepted.
- D. A 172.27.0.0/16 route will be accepted.

Answer: B

NEW QUESTION 104

Which J-Web tab do you use to add licenses to the device?

- A. "Configure"
- B. "Troubleshoot"
- C. "Monitor"
- D. "Maintain"

Answer: D

NEW QUESTION 105

Which directory does the Junos OS use to store syslog information by default?

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

Answer: D

NEW QUESTION 107

How do you ping from configuration mode?

- A. [edit interfaces]user@router# run ping 1.1.1.1
- B. [edit interfaces]user@router# ping 1.1.1.1
- C. [edit interfaces]user@router# up ping 1.1.1.1
- D. [edit interfaces]user@router# exit ping 1.1.1.1

Answer: A

NEW QUESTION 108

What is the purpose of unicast reverse path forwarding?

- A. to validate packet receipt on interfaces where the traffic should be received
- B. to forward packets out the interfaces where the traffic should be received
- C. to forward packets out the interfaces where the traffic should be sent
- D. to validate packet receipt on interfaces where the traffic should be sent

Answer: A

NEW QUESTION 113

Which statement is true regarding the forwarding plane?

- A. The forwarding plane is contained within the Routing Engine (RE).
- B. The forwarding plane processes and evaluates exception traffic.
- C. The forwarding plane contains the Packet Forwarding Engine (PFE).
- D. The forwarding plane is not present on all platforms running the Junos OS.

Answer: C

NEW QUESTION 118

Which statement is true regarding the Junos OS?

- A. The Junos kernel is based on the Solaris operating system.
- B. The Junos kernel is based on the GNU Zebra operating system.
- C. The Junos kernel is completely original and not based on any other operating system.
- D. The Junos kernel is based on the FreeBSD UNIX operating system.

Answer: D

NEW QUESTION 119

Which statement is true about the forwarding plane?

- A. The forwarding plane is the intelligence of the platform.
- B. The forwarding plane is based on an X86 architecture.
- C. The forwarding plane maintains the routing tables, bridging table, and primary forwarding table.
- D. The forwarding plane implements policers, stateless firewall filters, and class of service.

Answer: D

NEW QUESTION 124

By default, which character indicates the configuration mode prompt?

- A. #
- B. >
- C. \$
- D. %

Answer: A

NEW QUESTION 126

Which statement is true regarding the Junos OS?

- A. All platforms running the Junos OS have identical factory-default configurations.
- B. All platforms running the Junos OS use the IP2 processor for longest-match lookup.
- C. All platforms running the Junos OS use the same source code base.
- D. All platforms running the Junos OS use FXP1 for communication between control and forwarding planes.

Answer: C

NEW QUESTION 129

You are at the top of the hierarchy and must configure OSPF on interface so-0/0/0 unit 100. Which two achieve this result? (Choose two.)

- A. set protocols set ospf area 0 set interface so-0/0/0.100
- B. set protocols ospf area 0 interface so-0/0/0.100
- C. edit protocols ospf interface so-0/0/0.100
- D. edit protocols ospf area 0 set interface so-0/0/0.100

Answer: BD

NEW QUESTION 133

Which account is used to access a Junos device in factory-default configuration?

- A. root
- B. admin
- C. juniper
- D. user

Answer: A

NEW QUESTION 137

-- Exhibit --

Time	Filter	Action	Interface	Protocol	Src Addr	Dest Addr
14:52:51	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:52:51	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:52:46	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:52:46	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:52:46	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:52:46	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:52:46	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:52:46	select-telnet	A	local	TCP	192.168.10.1	192.168.209.2
14:41:41	pfe	A	local	TCP	192.168.10.1	192.168.209.2
14:41:41	pfe	A	local	TCP	192.168.10.1	192.168.209.2
14:41:36	pfe	A	local	TCP	192.168.10.1	192.168.209.2
14:41:36	pfe	A	local	TCP	192.168.10.1	192.168.209.2
14:41:36	pfe	A	local	TCP	192.168.10.1	192.168.209.2
14:41:36	pfe	A	local	TCP	192.168.10.1	192.168.209.2
14:41:36	pfe	A	local	TCP	192.168.10.1	192.168.209.2

-- Exhibit --

Which command produces the output shown in the exhibit?

- A. show firewall counter telnet-counter filter select-telnet
- B. show firewall log
- C. show log messages
- D. show services accounting usage

Answer: B

NEW QUESTION 138

Which two commands may be used when configuring an IP address for a Gigabit Ethernet interface? (Choose two.)

- A. set interfaces ge-0/0/0.0 address 10.1.1.1/24
- B. set interfaces ge-0/0/0.0 family inet address 10.1.1.1/24
- C. set interfaces ge-0/0/0 unit 0 family inet address 10.1.1.1/24
- D. set interfaces ge-0/0/0 address 10.1.1.1/24

Answer: BC

NEW QUESTION 142

Which command will show the best paths that are installed in the PFE?

- A. show route
- B. show route active-path
- C. show route private
- D. show route forwarding-table

Answer: D

NEW QUESTION 143

-- Exhibit --

```
[edit policy-options] user@router# show
policy-statement block-routes { term 1 {
from {
route-filter 172.27.0.0/24 longer;
}
then reject;
}
term 2 { then accept;
}
}
```

-- Exhibit --

You are asked to ensure that your device does not accept any prefixes within the 172.27.0.0/24 network. You have applied the policy shown in the exhibit, but the 172.27.0.0/24 route is still present on your device.

Which configuration will resolve this problem?

- A. [edit policy-options policy-statement block-routes]user@router# set term 1 from route- filter 172.27.0.0/24 orlonger
- B. [edit policy-options policy-statement block-routes]user@router# set term 1 from route- filter 172.27.0.0/24 upto /30
- C. [edit policy-options policy-statement block-routes]user@router# set term 2 from route- filter 172.27.0.0/24 longer
- D. [edit policy-options policy-statement block-routes]user@router# set term 2 from route- filter 172.27.0.0/24 orlonger

Answer: A

NEW QUESTION 148

Which command displays the egress interfaces selected on the PFE for destination prefixes?

- A. show route forwarding-table
- B. show route table
- C. show route table extensive
- D. show pfefwdd

Answer: A

NEW QUESTION 153

You have just issued the command user@router# save current.conf. Assuming the default settings, where in the file system is current.conf saved?

- A. /var/tmp/
- B. /var/config/saved/
- C. /var/home/user/
- D. /config/

Answer: C

NEW QUESTION 156

What must be configured prior to the first commit after factory defaults are loaded?

- A. root authentication
- B. default gateway
- C. host name
- D. management services

Answer: A

NEW QUESTION 159

Which word starts a command to add configuration on a Junos device?

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

Answer: B

NEW QUESTION 161

What does the command show | compare rollback 1 display?

- A. the difference between the current candidate configuration and the candidate configuration from one commit ago
- B. the difference between the current active configuration and the current candidate configuration
- C. the difference between the current active configuration and the active configuration from one commit ago
- D. the difference between the current candidate configuration and the archived configuration from one commit ago

Answer: D

NEW QUESTION 166

Using the command, user@router# load override latest.conf, where in the file system will the latest.conf be located?

- A. /var/home/user/
- B. /var/config/saved/
- C. /var/tmp/
- D. /config/

Answer: A

NEW QUESTION 170

Which two statements are true regarding trace options on Junos devices? (Choose two.)

- A. You can see the contents of the log file by entering the show log <filename> command.
- B. Trace options will send information to your screen automatically.
- C. Trace options are limited to one protocol at a time.
- D. The file name and a set of flags may be specified when enabling traceoptions.

Answer: AD

NEW QUESTION 174

Which two statements are true about the primary address on an interface? (Choose two.)

- A. It is the address used by default as the local address for broadcast and multicast packets sourced locally and sent out of the interface.
- B. You use the primary address when you have multiple IP addresses belonging to the same subnet on the same interface.
- C. It can be useful for selecting the local address used for packets sent out of unnumbered interfaces when multiple non-127 addresses are configured on the loopback interface.
- D. By default, the primary address on an interface is selected as the numerically highest local address configured on the interface.

Answer: AC

NEW QUESTION 179

Which login class permission will allow a user to use the telnet utility?

- A. network permission
- B. maintenance permission
- C. supervisor permission
- D. shell permission

Answer: A

NEW QUESTION 181

You have configured a firewall filter with a single term matching on packets with a source address in the 10.0.0.0/24 subnet. This term only includes the count action.

Which two statements are true about traffic evaluated by this firewall filter? (Choose two.)

- A. Packets within the 10.0.0.0/24 subnet will be accepted.
- B. Packets within the 10.0.0.0/24 subnet will be rejected.
- C. Packets within the 10.0.0.0/24 subnet will be counted.
- D. Packets within the 10.0.0.0/24 subnet will not be counted.

Answer: AC

NEW QUESTION 182

What is the default SNMP permission level on Junos devices?

- A. read
- B. read-write
- C. read-only
- D. write

Answer: C

NEW QUESTION 187

You have been asked to configure a login class that will permit its users to view and edit the configuration. The class should allow a user to view the entire configuration, but only to edit the interfaces, routing-options, and protocols hierarchies.

Which configuration accomplishes this login class?

- A. permissions [view-configuration clear network view];allow-configuration "(interfaces) | (routing-options) | (policy-options) | (protocols)";
- B. permissions [view-configuration clear network view];allow-commands "(configure)";
- C. permissions [view-configuration clear network view];allow-commands "(configure)";allow-configuration "(interfaces) | (routing-options) | (protocols)";
- D. permissions [clear network view];allow-commands "(configure)";allow-configuration "(interfaces) | (routing-options) | (protocols)";

Answer: C

NEW QUESTION 191

Which two statements are correct about firewall filters in the Junos OS? (Choose two.)

- A. Firewall filters are stateless.
- B. Firewall filters are used to control routing information that is exchanged between devices.
- C. Firewall filters are used to control traffic passing through the device.
- D. Firewall filters can only be applied to traffic entering the device.

Answer: AC

NEW QUESTION 195

On which operating system is the Junos OS based?

- A. ScreenOS
- B. Solaris
- C. FreeBSD
- D. HP-UX

Answer: C

NEW QUESTION 197

-- Exhibit --

```
[edit routing-options] user@router# show static {  
route 0.0.0.0/0 { next-hop 10.1.1.1;  
qualified-next-hop 10.1.1.254 {  
preference 4;  
}  
}  
}
```

-- Exhibit --

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

- A. Traffic matching the default route will use 10.1.1.1 as the next hop.
- B. Traffic matching the default route will use 10.1.1.254 as the next hop.
- C. Traffic matching the default route will be load-balanced per packet across both next hops.
- D. Traffic matching the default route will be load-balanced per flow across both next hops.

Answer: B

NEW QUESTION 201

Which two statements are true regarding the role of the Routing Engine (RE)? (Choose two.)

- A. The RE controls and monitors the chassis.
- B. The RE manages the Packet Forwarding Engine (PFE).
- C. The RE receives a copy of the forwarding table from the forwarding plane.
- D. The RE implements class of service (COS).

Answer: AB

NEW QUESTION 203

When considering the default behavior of Junos platforms, which statement is true about archiving configurations?

- A. A system log message is generated, confirming the transfer attempt.
- B. The destination filename format can be altered by configuration.
- C. The frequency the system archives the configuration cannot be changed.
- D. An archive log is created to track transfer attempts, both failed and successful.

Answer: A

NEW QUESTION 205

Which command do you use to go from the shell prompt to the CLI prompt?

- A. run cli
- B. cli
- C. start cli
- D. edit

Answer: B

NEW QUESTION 206

-- Exhibit --

```
[edit policy-options policy-statement my-policy] user@router# show  
term 1 {  
from {  
route-filter 192.168.0.0/16 prefix-length-range /20-/24;  
}  
then accept;  
}
```

-- Exhibit --

Referring to the exhibit, which three networks match the policy? (Choose three.)

- A. 192.168.0.0/20
- B. 192.168.0.0/16
- C. 192.168.128.0/18
- D. 192.168.128.0/21
- E. 192.168.64.0/24

Answer: ADE

NEW QUESTION 210

What is the default action for firewall filters?

- A. accept
- B. reject
- C. discard

D. log

Answer: C

NEW QUESTION 213

Which two statements are true regarding routing policy processing? (Choose two.)

- A. The Junos OS verifies the match criteria of each policy in order and performs the associated action when a match occurs.
- B. Policies are evaluated from right to left as displayed in the Junos OS configuration file.
- C. Policies are evaluated based on the order in which they are applied to a routing protocol.
- D. Policy processing stops once the last statement in the policy is evaluated.

Answer: AC

NEW QUESTION 217

Which CLI command is used to display output one page at a time?

- A. user@router> show interfaces | no-more
- B. user@router> show interfaces | trim
- C. user@router> show interfaces
- D. user@router> show interfaces | display

Answer: C

NEW QUESTION 221

Which two commands will successfully create ping traffic? (Choose two.)

- A. user@router# ping 10.10.10.1
- B. user@router# run ping 10.10.10.1
- C. user@router> ping 10.10.10.1
- D. user@router> request ping 10.10.10.1

Answer: BC

NEW QUESTION 222

What information does the help reference command provide?

- A. A brief description of commands and their default values
- B. The serial number and version number of the device used to open a support case with JTAC
- C. A list of all the active hardware alarms on the device
- D. A display of the current configuration while in operational mode

Answer: A

NEW QUESTION 227

You are configuring a new BGP neighbor and want to view the configuration of interface ge-0/0/0.42. Which command do you use to achieve this result?

- A. [edit protocols bgp group external]user@router# set interfaces ge-0/0/0.42
- B. [edit protocols bgp group external]user@router# edit show interfaces ge-0/0/0.42
- C. [edit protocols bgp group external]user@router# top show interfaces ge-0/0/0.42
- D. [edit protocols bgp group external]user@router# show interfaces ge-0/0/0.42

Answer: C

NEW QUESTION 229

-- Exhibit --

```
[edit policy-options policy-statement my-policy] user@router# show
term 1 {
  from {
    route-filter 192.168.0.0/16 orlonger;
  }
  then accept;
}
```

-- Exhibit --

Referring to the exhibit, which three networks match the policy? (Choose three.)

- A. 192.168.0.0/16
- B. 192.168.0.0/15
- C. 192.168.65.0/24
- D. 192.167.0.0/17
- E. 192.168.24.89/32

Answer: ACE

NEW QUESTION 232

You have been allocated a /22 network. How many usable hosts are available?

- A. 510
- B. 512
- C. 1022
- D. 1024

Answer: C

NEW QUESTION 235

-- Exhibit --

[edit interfaces]

user@router# show

...

```
lo0 { unit 0 {  
  family inet { filter {  
    input protect-loopback;  
  }  
  address 192.168.100.1/32;  
}  
}  
}
```

-- Exhibit --

Given the configuration shown in the exhibit, what is the function of the protect-loopback filter?

- A. to protect the Routing Engine
- B. to protect all interfaces on the device
- C. to protect the Packet Forwarding Engine
- D. to protect the management interface

Answer: A

NEW QUESTION 238

A network administrator would like to view detailed interface status, properties, statistics, errors, and CoS packet counters.

Which operational command will display this information?

- A. show interfaces extensive
- B. show interfaces
- C. show configuration interfaces
- D. show interface status

Answer: A

NEW QUESTION 241

Two devices on an Ethernet segment sent frames at the same time causing a collision. Which two statements are true? (Choose two.)

- A. Both devices stop transmitting, wait a random period of time, verify the wire is idle, and re-transmit.
- B. The device with the lowest MAC address is permitted to retransmit first.
- C. The device with the lowest MAC address sends a jam signal to notify all other devices of the collision.
- D. Both devices send a jam signal to notify all other devices of the collision.

Answer: AD

NEW QUESTION 243

What are two reasons why a route might be hidden? (Choose two.)

- A. route preference
- B. routing loop
- C. invalid next hop
- D. routing policy

Answer: CD

NEW QUESTION 247

Which statement is true about the routing table?

- A. The routing table exists in the control plane only.
- B. The routing table exists in the control plane and in the forwarding plane.
- C. The routing table contains both active and inactive routes.
- D. The routing table is stored on compact flash.

Answer: A

NEW QUESTION 250

You have been asked to use a 23-bit network mask to segment the network block 209.18.12.0.

How many usable host addresses will there be per subnet?

- A. 510
- B. 1022
- C. 2046
- D. 8190

Answer: A

NEW QUESTION 252

You have a network containing 120 routers. You must establish and maintain connectivity between the loopback interfaces of all routers. Because of the critical services using the network, you need redundancy and fast failover. Which routing protocol should you use in this scenario?

- A. OSPF
- B. RIP
- C. BGP
- D. static

Answer: A

NEW QUESTION 257

When using the monitor traffic command on Junos devices, which UNIX-based utility is accessed?

- A. snoop
- B. tcpdump
- C. monitor
- D. tail

Answer: B

Explanation: tcpdump is a common packet analyzer that runs under the command line. It allows the user to display TCP/IP and other packets being transmitted or received over a network to which the computer is attached.

References: <https://en.wikipedia.org/wiki/Tcpdump>

NEW QUESTION 259

By default, what are three valid routing tables? (Choose three.)

- A. inet.0
- B. inet4.0
- C. inet.6
- D. inet6.0
- E. inet.3

Answer: ADE

Explanation: The following names are reserved for the default routing tables maintained by the JUNOS software:

inet.0—Default Internet Protocol version 4 (IPv4) unicast routing table inet6.0—Default Internet Protocol version 6 (IPv6) unicast routing table instance-

name.inet.0—Unicast routing table for a particular routing instance inet.1—Multicast forwarding cache

inet.2—Unicast routes used for multicast reverse path forwarding (RPF) lookup

inet.3—MPLS routing table for path information

mpls.0—MPLS routing table for label-switched path (LSP) next hops

NEW QUESTION 264

-- Exhibit --

```
interfaces { ge-0/0/8 { unit 0 { family inet {  
address 192.168.1.1/24;  
}  
}  
}  
ge-0/0/9 { unit 0 { family inet {  
address 192.168.10.1/24;  
}  
}  
}  
}
```

-- Exhibit --

Referring to the exhibit, which command would you use to add an additional address to the ge-0/0/9.0 interface?

- A. [edit interfaces ge-0/0/9 unit 0]user@router# set family inet address /24
- B. [edit interfaces ge-0/0/9 unit 0]user@router# set family inet secondary-address /24
- C. [edit interfaces ge-0/0/9 unit 0]user@router# set family inet address /24 secondary
- D. [edit interfaces ge-0/0/9 unit 0]user@router# set family inet address-secondary /24

Answer: A

NEW QUESTION 265

-- Exhibit --

```
[edit routing-options] user@router# show static {
defaults { metric 10;
preference 10;
}
route 10.10.10.0/24 { next-hop 192.168.100.1;
qualified-next-hop 192.168.200.1;
preference 6;
}
metric 8;
}
}
```

-- Exhibit --

Given the configuration shown in the exhibit, which statement is correct about traffic matching the route 10.10.10.0/24?

- A. It will be forwarded to 192.168.100.1 using a metric of 10.
- B. It will be forwarded to 192.168.100.1 using a metric of 8.
- C. It will be forwarded to 192.168.200.1 using a metric of 8.
- D. It will be forwarded to 192.168.200.1 using a metric of 10.

Answer: C

NEW QUESTION 270

-- Exhibit --

```
[edit firewall family inet filter COS-CLASSIFIER] user@router# show
term MANAGER { from {
source-address { 192.168.200.0/25;
}
destination-address { 100.100.100.1/32;
}
}
then {
forwarding-class expedited-forwarding; accept;
}
}
term ALL-OTHER-TRAFFIC {
then accept;
}
}
[edit interfaces ge-0/0/1]
user@router# show unit 0 {
familyinet { filter {
input COS-CLASSIFIER;
}
address 192.168.200.1/24;
}
}
```

-- Exhibit --

Referring to the exhibit, which type of classifier is being used in this CoS configuration?

- A. behavior aggregate
- B. policer
- C. multifield
- D. forwarding policy

Answer: C

NEW QUESTION 273

Random early detection (RED) is associated with which class of service component?

- A. classification
- B. policing
- C. queuing
- D. scheduling

Answer: D

NEW QUESTION 274

What represents the decimal equivalence of 11100111?

- A. 195
- B. 223
- C. 230
- D. 231

Answer: D

NEW QUESTION 279

Which two commands allow you to return to a previous version of software on the device? (Choose two.)

- A. request system software add

- B. request system software downgrade
- C. request system software replace
- D. request system software rollback

Answer: AD

NEW QUESTION 281

Which two statements are correct regarding default protocol preference values? (Choose two.)

- A. RIP is preferred over OSPF external routes.
- B. Direct, local, and static routes have the same preference value.
- C. OSPF's preference value is lower than BGP.
- D. OSPF has a single preference value for both internal and external routes.

Answer: AC

NEW QUESTION 286

A packet is evaluated against three user-defined terms within a firewall filter and no match is found. What correctly describes the action the firewall filter will take for this packet?

- A. The filter will permit the packet and take no additional action.
- B. The filter will reject the packet and send an ICMP message back to the sender.
- C. The filter will discard the packet and take no additional action.
- D. The filter will permit the packet and write a log entry to the firewall log.

Answer: C

NEW QUESTION 291

-- Exhibit --

```
user@router> show route protocol static
inet.0: 12 destinations, 12 routes (12 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both
192.168.1.128/27 *[Static/5] 00:03:13
>to 10.20.106.10 via fe-0/0/5.1 192.168.1.144/29 *[Static/5] 00:03:13
>to 10.20.14.131 via ge-0/0/0.0 192.168.1.192/27 *[Static/5] 00:03:13
>to 10.18.1.1 via ge-0/0/1.0
192.168.1.128/28 *[Static/5] 00:01:06
>to 10.20.14.130 via ge-0/0/0.0
```

-- Exhibit --

Given the routing entries shown in the exhibit, which next-hop IP address will be used for the destination IP address 192.168.1.159? (Assume that only static routes are available for the destination.)

- A. 10.20.14.130
- B. 10.18.1.1
- C. 10.20.14.131
- D. 10.20.106.10

Answer: D

NEW QUESTION 296

Which configuration causes RIP-learned routes to be advertised to other RIP neighbors?

- A. set protocol rip no-passive
- B. top edit policy-options policy-statement demoset term 1 from protocol ripset term 1 then accepttop set protocols rip group internal export demo
- C. set protocols rip advertise in-out
- D. top edit policy-options policy-statement demoset term 1 from active routesset term 1 then accepttop set protocols rip group internal export demo

Answer: B

NEW QUESTION 301

You have been asked to configure your router to send link-related SNMP trap notifications to the network management system (NMS) located at address 172.16.17.1.

Which two commands are required? (Choose two.)

- A. set snmp trap-group my-trap-group targets 172.16.17.1
- B. set snmp targets 172.16.17.1
- C. set snmp trap-group my-trap-group link-status
- D. set snmp trap-group my-trap-group categories link

Answer: AD

NEW QUESTION 306

Which statement describes an advantage of dynamic routing?

- A. Dynamic routing provides redundant IP addresses for end-user devices, unlike static routing.
- B. Dynamic routing requires no initial user configuration, unlike static routing.
- C. Dynamic routing provides DNS services along with IP connectivity; static routing does not.

D. Dynamic routing typically requires less time to implement than static routing in a large network.

Answer: D

NEW QUESTION 307

Which class-of-service component allows you to define the bandwidth allocated to different traffic types?

- A. classification
- B. rewrite marking
- C. scheduling
- D. queuing

Answer: C

NEW QUESTION 308

A network administrator wants to verify the active alarms on interface so-0/0/0.0. Which command displays this information?

- A. show interfaces alarms
- B. show interfaces terse
- C. show alarms extensive
- D. show interfaces extensive

Answer: D

NEW QUESTION 311

Which statement is true about terms in a policy?

- A. A single term can be applied to a protocol or interface, independent of the policy.
- B. Once configured, terms within a policy cannot be reordered.
- C. The name of a term is limited to five characters.
- D. A from statement is optional in a term.

Answer: D

NEW QUESTION 315

-- Exhibit --

```
[edit class-of-service] user@router# show interfaces {  
ge-0/0/2 { unit 0 { classifiers {  
inet-precedence default;  
}  
}  
}  
}
```

-- Exhibit --

Referring to the exhibit, which type of classifier is being used in this CoS configuration?

- A. behavior aggregate
- B. policer
- C. multifield
- D. forwarding policy

Answer: A

NEW QUESTION 316

What is the default import routing policy for OSPF?

- A. Accept all OSPF routes and install them into the inet.3 routing table.
- B. Accept all OSPF routes and install them into the inet7.0 routing table.
- C. Accept all OSPF routes and install them into the inet4.0 routing table.
- D. Accept all OSPF routes and install them into the inet.0 routing table.

Answer: D

NEW QUESTION 320

Which two statements are correct regarding default protocol preference values? (Choose two.)

- A. OSPF internal routes have a lower preference than static routes.
- B. Both direct and local routes have the same preference value.
- C. OSPF's preference value is lower than BGP.
- D. OSPF has a single preference value for both internal and external routes.

Answer: BC

NEW QUESTION 321

What are two valid actions for a routing policy? (Choose two.)

- A. discard
- B. next policy
- C. accept
- D. ignore

Answer: BC

NEW QUESTION 323

-- Exhibit --

```
user@router> show configuration firewall familyinet {
filter demo { term example { from {
source-address { 100.100.100.0/24;
}
destination-address { 200.200.200.0/24;
}
}
}
then { reject;
}
}
term testing { from {
source-address { 10.10.10.0/28;
}
destination-address { 200.200.200.0/24;
}
}
then sample;
}
term results { from { address {
200.200.200.0/24;
}
}
then accept;
}
term final {
then policer LAPD;
}
}
```

-- Exhibit --

Given the configuration shown in the exhibit, what will happen to traffic from source 10.10.10.25 destined to 200.200.200.1?

- A. The traffic will be rejected.
- B. The traffic will be dropped.
- C. The traffic will be forwarded.
- D. The traffic will be policed.

Answer: C

NEW QUESTION 326

Which command will display only direct routes?

- A. show route
- B. show route inet.0 direct
- C. show ip route direct
- D. show route protocol direct

Answer: D

NEW QUESTION 330

What is the default protocol preference for OSPF internal routes?

- A. 10
- B. 15
- C. 150
- D. 160

Answer: A

NEW QUESTION 333

Which CLI command do you use to determine which files are cleanup candidates?

- A. request system storage cleanup candidates
- B. request system services storage candidates
- C. request system services candidate cleanup
- D. request system storage cleanup dry-run

Answer: D

NEW QUESTION 334

Which two statements are true regarding an Ethernet collision domain? (Choose two.)

- A. If a switch is used, the collision domain is limited to each device and the switch.
- B. If a hub is used, the collision domain is limited to each device and the hub.
- C. If a hub is used, the collision domain includes all devices connected to the hub.
- D. If a switch is used, the collision domain includes all devices connected to the switch.

Answer: AC

NEW QUESTION 336

Which command displays the amount of space available on the storage media?

- A. show chassis routing-engine
- B. show system file-storage
- C. file list
- D. show system storage

Answer: D

NEW QUESTION 341

Which statement is true about the forwarding table?

- A. The forwarding table is stored in the control plane only.
- B. The forwarding table is stored in the control plane and in the forwarding plane.
- C. The forwarding table contains both active and inactive routes.
- D. The forwarding table can contain only a single next hop per destination.

Answer: B

NEW QUESTION 345

```
-- Exhibit -- [editsnmp] user@router# show
communityCommunityA { authorization read-only; clients {
192.168.1.0/28;
}
}
trap-groupgroupA { categories {
link;
}
targets { 192.168.100.1;
192.168.200.1;
}
}
```

-- Exhibit --

Referring to the exhibit, what is the purpose of the targets section of the configuration?

- A. It defines which devices will be sending traps.
- B. It specifies where to send traps.
- C. It defines the IP addresses of management systems that can access the device.
- D. It specifies which devices can be polled for SNMP data.

Answer: B

NEW QUESTION 350

Which command do you use as a valid way to view the PICs within a router as well as the PICs' serial numbers?

- A. show chassis hardware
- B. show chassis interfaces
- C. show chassis pic
- D. show chassis inventory

Answer: A

NEW QUESTION 355

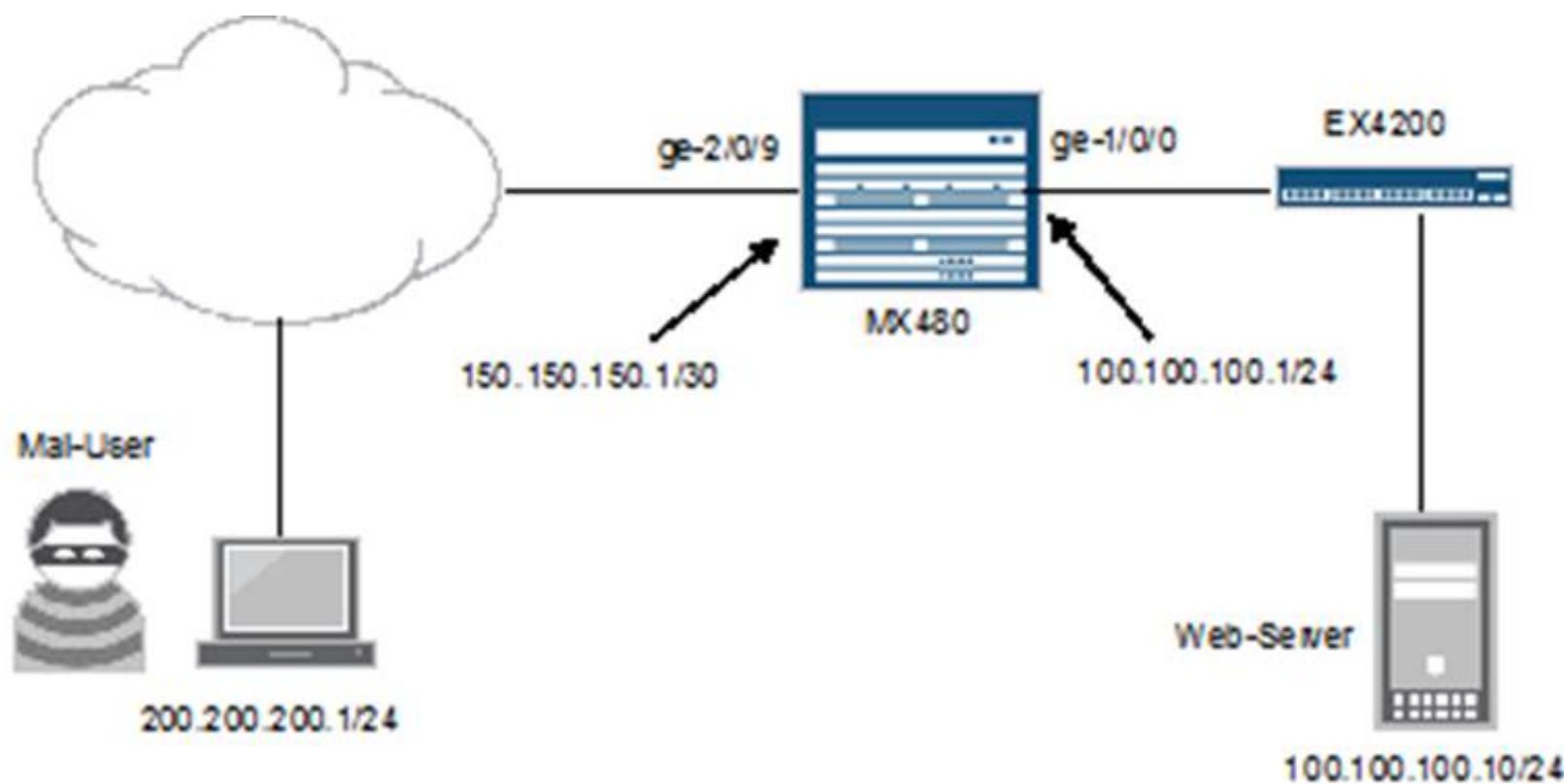
Which protocol creates a complete database of the network topology prior to calculating the optimal route?

- A. BGP
- B. PIM
- C. OSPF
- D. RIP

Answer: C

NEW QUESTION 359

Referring to the exhibit, you are asked to rate-limit traffic from Web-Server to the subnet where Mal-User is located. All other traffic should be permitted.



Which firewall filter configuration do you use?

- A. [edit firewall]user@router# showpolicer LIMIT-MAL-USER {if-exceeding {bandwidth-limit 400k;burst-size-limit 100k;}then discard;}familyinet {filter STOP-MAL-USER {term one {from{source-address {100.100.100.10/32;}destination-address {200.200.200.0/24;}}thenpolicer LIMIT-MAL-USER;}term two {then accept;}}}
- B. [edit firewall]user@router# showpolicer LIMIT-BAD-USER {if-exceeding {bandwidth-limit400k;burst-size-limit 100k;}then discard;}familyinet {filter STOP-MAL-USER {term one {from{source-address {100.100.100.10/32;}destination-address {200.200.200.0/24;}}thenpolicer LIMIT-MAL-USER;}term two {then accept;}}}
- C. [edit firewall]user@router# showpolicer LIMIT-MAL-USER {if-exceeding {bandwidth-limit 400k;burst-size-limit 100k;}then discard;}familyinet {filter STOP-MAL-USER {term one {from{source-address {100.100.100.10/32;}destination-address {200.200.200.0/24;}}thenpolicer LIMIT-MAL-USER;}term two {then reject;}}}
- D. [edit firewall]user@router# showpolicer LIMIT-MAL-USER {if-exceeding {bandwidth-limit 400k;burst-size-limit 100k;}then discard;}familyinet {filter STOP-MAL-USER {term one {from{source-address {200.200.200.0/24;}destination-address {100.100.100.10/32;}}thenpolicer LIMIT-MAL-USER;}term two {then accept;}}}

Answer: A

NEW QUESTION 360

Which two commands would you use to view OSPF routes? (Choose two.)

- A. show ip route ospf
- B. show ospf routes
- C. show route protocol ospf
- D. show route

Answer: CD

NEW QUESTION 363

Which statement is true regarding the Network Time Protocol (NTP) on Junos devices?

- A. MD5 authentication is supported by the Junos OS.
- B. Server mode is not supported by the Junos OS.
- C. The Junos OS can provide a primary time reference.
- D. The Junos OS does not support the use of a boot server.

Answer: A

NEW QUESTION 366

Which statement is true about routing tables on a Junos device?

- A. They purge any routes not selected as active routes.
- B. They exist in two places: the Routing Engine and the Packet Forwarding Engine.
- C. They are exclusively designed to handle dynamic routing protocols.
- D. They populate the forwarding table.

Answer: D

NEW QUESTION 371

What is the role of route preference?

- A. It is used as a tiebreaker when the same prefix is available through multiple protocols.
- B. It is used to determine the preferred path to a given destination.
- C. It is used to select the best route between multiple equal-cost paths.
- D. It is used to select which routing table to use for forwarding.

Answer: A

Explanation: Alternate and Tiebreaker Preferences

The Junos OS provides support for alternate and tiebreaker preferences, and some of the routing protocols, including BGP and label switching, use these

additional preferences. With these protocols, you can specify a primary route preference (by including the preference statement in the configuration), and a secondary preference that is used as a tiebreaker (by including the preference2 statement). You can also mark route preferences with additional route tiebreaker information by specifying a color and a tiebreaker color (by including the color and color2 statements in the configuration).

Note: The routing protocol process generally determines the active route by selecting the route with the lowest preference value.

The preference value is used to select routes to destinations in external autonomous systems (ASs) or routing domains; it has no effect on the selection of routes within an AS (that is, within an interior gateway protocol [IGP]). Routes within an AS are selected by the IGP and are based on that protocol's metric or cost value.

References: https://www.juniper.net/techpubs/en_US/junos12.1/topics/concept/routing-protocols-route-preferences-overview.html#id-10195528

NEW QUESTION 372

-- Exhibit --

```
user@router> show route
inet.0: 9 destinations, 9 routes (9 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both 10.10.10.91/32 *[Direct/0] 00:09:40
>via lo0.0
10.10.10.92/32 *[OSPF/10] 00:01:50, metric 1
>to 172.16.1.2 via ge-0/0/2.0 100.100.1.0/24 *[Static/5] 00:01:50
Reject
172.16.1.1 /24 *[Direct/0] 00:06:09
>via ge-0/0/2.0
172.16.1.2 /32 *[Local/0] 00:06:09
Local via ge-0/0/2.0
192.168.0.0/16 *[Aggregate/130] 00:00:06
Reject
192.168.0.0/17 *[Aggregate/130] 00:00:06
>to 172.16.1.2 via ge-0/0/2.0 192.168.50.0/24 *[Static/5] 00:00:06
>to 172.16.1.2 via ge-0/0/2.0 192.168.51.0/24 *[Static/5] 00:00:06
>to 172.16.1.2 via ge-0/0/2.0
user@router> show configuration policy-options policy-statement demo {
term 1 { from {
protocol static;
route-filter 192.168.0.0/16 orlonger accept;
}
then accept;
}
}
user@router> show configuration protocols ospf export demo;
area 0.0.0.0 { interface ge-0/0/2.0;
}
}
```

-- Exhibit --

Given the configuration and routing table shown in the exhibit, which routes will be advertised to OSPF neighbors because of the demo policy?

- A. 192.168.0.0/16 only
- B. 192.168.50.0/24 only
- C. 192.168.50.0/24 and 192.168.51.0/24
- D. 192.168.0.0/17, 192.168.50.0/24, and 192.168.51.0/24

Answer: C

NEW QUESTION 373

Which three protocols use UDP as a transport protocol by default? (Choose three.)

- A. HTTP
- B. TFTP
- C. DNS
- D. SNMP
- E. SMTP

Answer: BCD

NEW QUESTION 377

What represents the binary equivalence of 148?

- A. 10010110
- B. 11010010
- C. 10011100
- D. 10010100

Answer: D

NEW QUESTION 382

When attempting to view the OSPF routes in the routing table, you issue the command show route table inet.3 but no OSPF routes are displayed. What is the problem?

- A. The OSPF routes are located in the inet4.0 routing table.
- B. The OSPF routes are located in the inet.0 routing table.
- C. The OSPF routes are located in the inet.2 routing table.
- D. The OSPF routes are located in the inet4.3 routing table.

Answer: B

NEW QUESTION 384

What is an advantage of dynamic routing?

- A. Unlike static routing, dynamic routing provides redundant IP addresses for end-user devices.
- B. Unlike static routing, dynamic routing requires no initial user configuration.
- C. Dynamic routing can provide increased network availability when compared to static routing.
- D. Dynamic routing provides DNS services along with IP connectivity; static routing does not.

Answer: C

NEW QUESTION 388

What represents the decimal equivalence of 11100101?

- A. 5
- B. 93
- C. 177
- D. 229

Answer: D

NEW QUESTION 392

Which two statements are correct about the request system zeroize local command? (Choose two.)

- A. The command removes all data files.
- B. The command preserves the management interface addresses.
- C. The command resets all key values.
- D. The command removes all user-created files from the system.

Answer: CD

NEW QUESTION 396

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

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

Answer: C

NEW QUESTION 398

You recently uploaded a new software package to your Junos device and you want to ensure that the file uploaded successfully by verifying the file size. In this scenario, which command should you use?

- A. file show encoding
- B. file compare
- C. file checksum sha1
- D. file list detail

Answer: D

NEW QUESTION 401

Click the Exhibit.

```
set routing-options static route 166.74.67.131/32 qualified-next-hop
166.113.123.37 interface irb.222
set routing-options static route 166.74.67.131/32 community 3251:0789
set routing-options static route 166.74.68.132/32 qualified-next-hop
166.113.122.33 interface irb.111
set routing-options static route 166.74.68.132/32 community 3251:0789
```

Your configuration contains the static routes shown in the exhibit. Which command will successfully remove the 166.74.67.131 static route?

- A. delete routing-options static route 166.74.67.131/32 qualified- next-hop 166.113.123.37 interface irb.222
- B. delete routing-options static route 166.74.67.131/32 qualified-next-hop
- C. delete routing-options static route 166.74.67.131/32
- D. delete routing-options static route 166.74.67.131/32 qualified-next-hop 166.113.123.37

Answer: C

NEW QUESTION 405

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

Answer: BDE

NEW QUESTION 407

What are three interface prefixes for a 40-gigabit interface? (Choose three.)

- A. xe
- B. es
- C. et
- D. fte
- E. xle

Answer: CDE

NEW QUESTION 410

Which IP protocol number is assigned to TCP?

- A. 17
- B. 4
- C. 18
- D. 6

Answer: D

NEW QUESTION 412

Which command is a valid way to view the status of an interface?

- A. > show interfaces fe-0/0/0 extensive
- B. > show interfaces fe-0/0/0 status
- C. > show interfaces fe-0/0/0 health-info
- D. > show interfaces fe-0/0/0 verbose

Answer: A

Explanation: You can get the information from "show interface <interface_name> extensive"

References: <https://forums.juniper.net/t5/Ethernet-Switching/Any-Command-like-as-cisco-s-quot-show-interface-status-quot/td-p/4596>

NEW QUESTION 413

What are three benefits of using a dynamic routing protocol? (Choose three.)

- A. Increased network security
- B. Decreased network latency
- C. Increased network availability
- D. Lower administrative overhead
- E. Greater network scalability

Answer: CDE

NEW QUESTION 416

-- Exhibit --

```
[edit interfaces ge-0/0/1] user@router# show
```

```
unit 100 {  
  vlan-id 100; family inet {  
    address 10.1.1.1 /24;  
  }  
}
```

```
[edit interfaces ge-0/0/1] user@router# commit check [edit interfaces ge-0/0/1] 'unit 100'
```

Only unit 0 is valid for this encapsulation error: configuration check-out failed

-- Exhibit --

Referring to the exhibit, you are unable to commit the configuration for the ge-0/0/1 interface.

What must you do to commit the configuration?

- A. You must set the encapsulation vlan-ccc parameter under the [edit interfaces ge-0/0/1 unit 100] hierarchy.
- B. You must set the vlan-tagging parameter under the [edit interfaces ge-0/0/1] hierarchy.
- C. You must use the rename command to change unit 100 to unit 0.
- D. You must set the encapsulation flexible-ethernet-services parameter under the [edit interfaces ge-0/0/1] hierarchy.

Answer: B

NEW QUESTION 420

Click the Exhibit button.

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

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

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

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

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

Answer: D

NEW QUESTION 425

What are three acceptable modifiers to a terminating action of a firewall filter? (Choose three.)

- A. Policer
- B. Count
- C. Syslog
- D. Log
- E. Discard

Answer: ABD

NEW QUESTION 430

Which statement is true when using the allow command and deny command attributes when creating user permissions?

- A. If you allow and deny the same commands, the Junos OS will fail the commit check.
- B. If you allow and deny the same commands, the allow command permissions take precedence over the deny command permissions.
- C. If you specify a regular expression for allow and deny with two variants of a command, both will be ignored.
- D. The all login class permission bits take precedence over allow and deny when a user issues the rollback command.

Answer: B

NEW QUESTION 434

Which command will display the temperature of the Routing Engine's CPU?

- A. show chassis environment
- B. show chassis routing-engine
- C. show chassis temperatures
- D. show chassis status

Answer: B

Explanation: The output fields for the show chassis routing-engine command include:

* Temperature: Temperature of the air flowing past the Routing Engine.

References: https://www.juniper.net/documentation/en_US/junos11.4/topics/reference/command-summary/show-chassis-routing-engine.html

NEW QUESTION 437

What is correct regarding the configuration shown below?

```
static route 0.0.0.0/0 qualified-next-hop 172.30.25.1 preference 7 next-hop 172.30.25.5
```

- A. The next-hop 172.30.25.1 is selected because the address has the lowest value.
- B. The next-hop 172.30.25.1 is selected because it is listed first.
- C. The next-hop 172.30.25.1 is selected because it is the lowest protocol preference.
- D. The next-hop 172.30.25.5 is selected because it is the lowest protocol preference.

Answer: D

Explanation: The routes with a lower route preference are always used to route traffic. Preference 5 is the default preference for static routes.

References: https://www.juniper.net/documentation/en_US/junos15.1/topics/concept/routing-protocol-static-security-route-preference-and-qualified-next-hop-understanding.html

NEW QUESTION 441

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

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

Answer: ADE

NEW QUESTION 446

Host A is communicating with Host B through a Layer 2 switch.

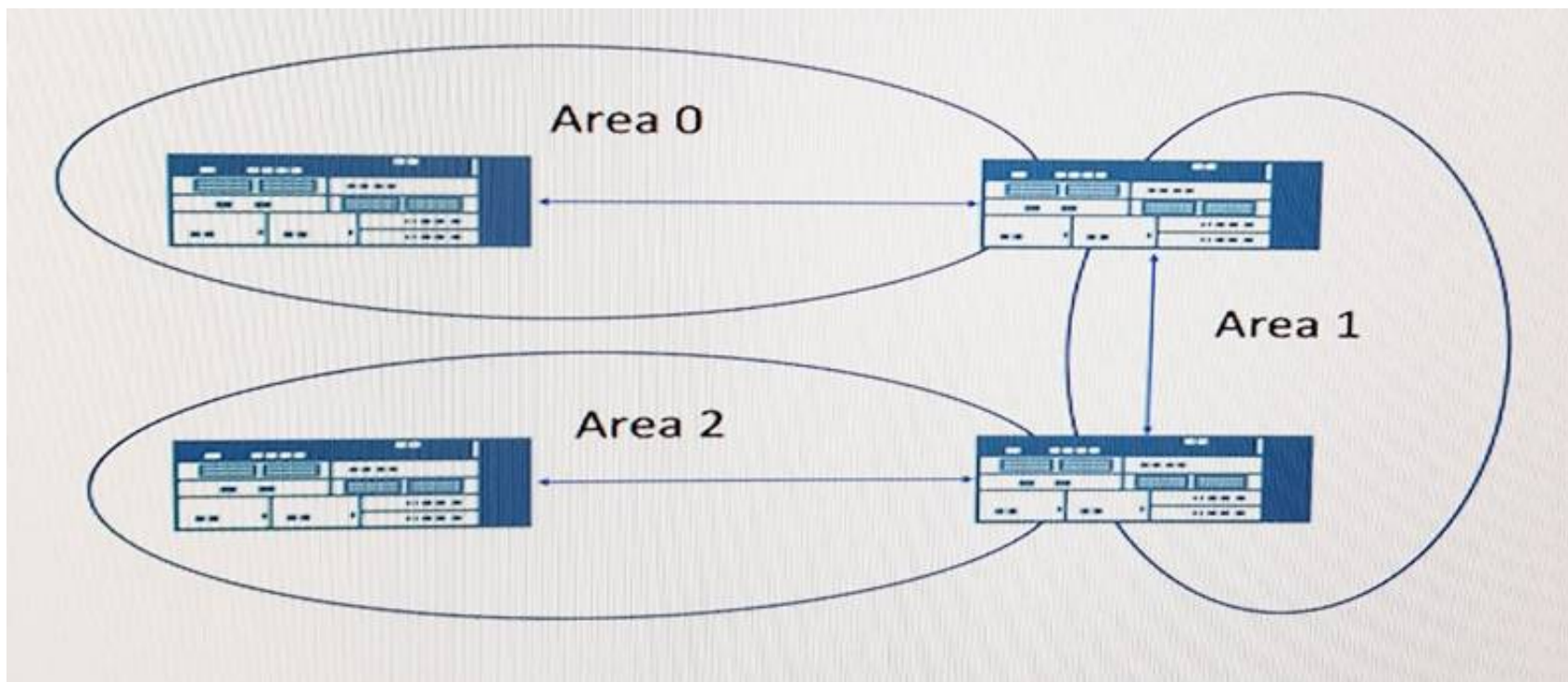
What is the highest layer that the switch will inspect the traffic in this scenario?

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

Answer: C

NEW QUESTION 450

Click the Exhibit button.



Referring to the exhibit, which OSPF feature would connect Area 0 to Area 2?

- A. Route summarization
- B. Database synchronization
- C. Equal-cost multipath
- D. Virtual link

Answer: D

NEW QUESTION 453

Which statement is true about PFEs?

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

Answer: B

NEW QUESTION 456

Click the exhibit button.

```
[edit protocol ospf]
user@router# show
traceoptions {
    file ospf-trace size 64k files 5 no-world-readable;
    flag event detail;
    flag error detail;
}
area 0.0.0.0 {
    interface ge-0/0/0.0;
    interface ge-0/0/1.0;
}
```

Which statement is correct regarding the configuration shown in the exhibit?

- A. When the ospf-trace file has created five files, it will stop logging additional information.
- B. When the ospf-trace file reaches the 64 KB file size, it is renamed and begins a new file.
- C. Timestamp information will not be included for each line of ospf-trace output.
- D. The ospf-trace file will automatically replace any existing trace file with the same name.

Answer: B

NEW QUESTION 458

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

- A. Show interface ge-1/0/5 media
- B. Monitor interface traffic ge-1/0/5
- C. Show interface ge-1/0/5 extensive
- D. Monitor traffic interface ge-1/0/5

Answer: D

NEW QUESTION 463

You have configured logging to the console port but are uncertain of the impact to the device with troubleshooting. In this scenario, which command would allow you to minimize the impact?

- A. set system syslog console any none
- B. set system syslog log-rotate-frequency 15
- C. commit confirmed 1 comment troubleshoot
- D. commit synchronize comment troubleshoot

Answer: A

NEW QUESTION 467

The marketing team needs access to a server on a subnet 172.0.46.0/24. The next-hop router is 10.0.4.2/30. A static route on their gateway has been configured to accomplish the task. You want to keep the static route from being redistributed into dynamic routing protocols. Which command will satisfy this requirement?

- A. Set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30 no-resolve
- B. Set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30
- C. Set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30 no-readvertise
- D. Set routing-options static route 172.0.46.0/24 next-hop 10.0.4.2/30 no-redistribute

Answer: C

NEW QUESTION 468

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

Answer: BD

NEW QUESTION 473

Click the Exhibit button.

```
user@router> show route forwarding-table
Routing table: inet
Internet:
Destination      Type  RtRef  Next hop          Type  Index  NhRef  Netif
default          user   0      0:32.51.07.89.2   ucst   520    3     ge-
0/0/0.0
default          perm   0                      rjct   36     1
0.0.0.0/32       perm   0                      dscd   34     1
10.21.0.0/16     user   0      192.168.10.100    ucst   535    3     ge-0/0/2.0
10.21.14.0/24    user   0      192.168.11.100    ucst   528    3     ge-0/0/1.0
10.21.14.10/30   user   0      192.168.12.100    ucst   530    3     ge-0/0/3.0
```

Referring to the exhibit, which next-hop interface will be used to reach the 10.21.14.16 destination?

- 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 474

Which statement is true about default route preferences?

- A. OSPF AS external is lower than OSPF internal.
- B. IBGP is lower than EBGp.
- C. RIP is lower than RIPng.
- D. Direct is lower than static.

Answer: D

NEW QUESTION 478

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

- A. B

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

Answer: ACD

NEW QUESTION 480

Which two loopback types are supported for serial interfaces on Juniper devices? (Choose two.)

- A. Local
- B. Far End
- C. Remote
- D. Bidirectional

Answer: AC

Explanation: For serial interfaces Juniper devices support the local and the remote loopback types.

References: http://www.juniper.net/documentation/en_US/junos12.3/topics/usage-guidelines/interfaces-interface-diagnostics.html

NEW QUESTION 483

Which parameter must be included when executing operational mode commands from within configuration mode?

- A. insert
- B. do
- C. prompt
- D. run

Answer: D

NEW QUESTION 486

When troubleshooting ATM, which command would allow you to test reachability from one side of an ATM cloud to the other?

- A. ping atm vci 0.100 interface at-0/1/0 end-to-end
- B. ping atm vci 0.100 interface at-0/1/0 circuit
- C. ping atm vci 0.100 interface at-0/1/0 far-end
- D. ping atm vci 0.100 interface at-0/1/0 final-hop

Answer: A

Explanation: ping atm syntax:

Syntax

ping atm interface interface-name vci vci

<brief>

<count count>

<end-to-end | segment>

<interval seconds>

<sequence-number sequence-number> References:

http://www.juniper.net/documentation/en_US/junos13.3/topics/reference/command-summary/ping-atm.html

NEW QUESTION 488

When you display the routing table by entering the show route command, what does the * indicate?

- A. The route is a direct route.
- B. The route was selected as active.
- C. The route is a default route.
- D. The route was learned using a dynamic routing protocol.

Answer: B

Explanation: An asterisk (*) indicates that the route is both the active and the last active route. An asterisk before a to line indicates the best subpath to the route.

References: https://www.juniper.net/documentation/en_US/junos14.1/topics/reference/command-summary/show-route-detail.html

NEW QUESTION 489

Which command causes the Junos OS temporarily activate a configuration?

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

Answer: C

NEW QUESTION 493

Which three protocols are connectionless? (Choose three.)

- A. DNS
- B. TFTP
- C. ICMP
- D. SSH
- E. Telnet

Answer: ABC

NEW QUESTION 494

Which command would correctly define a router's host-name?

- A. # set ip host-name <name>
- B. > set ip host-name <name>
- C. # set system host-name <name>
- D. > set system host-name <name>

Answer: C

Explanation: Configure the hostname, using the set system host-name command. [edit]

user@host# set system host-name newton-re0

References: http://www.juniper.net/techpubs/en_US/junos15.1/topics/example/router-name-domain-name-ip-address-system-id-configuring.html

NEW QUESTION 495

Which command would correctly set a router's date and time?

- A. # set date 199708290900.00
- B. # set system time 199708290900.00
- C. > set date 199708290900.00
- D. > set system time 199708290900.00

Answer: C

NEW QUESTION 499

What are the contents of a scheduler?

- A. A scheduler contains parameters that describe how a queue should be serviced.
- B. A scheduler contains traffic that is ready to be transmitted.
- C. A scheduler contains forwarding classes that allow traffic to be forwarded.
- D. A scheduler contains a map between the classification of a packet and its forwarding class.

Answer: A

NEW QUESTION 500

Which command would allow you to compare two files stored on your router?

- A. user@host> file show filename1 compare filename2
- B. user@host> file compare files filename1 filename2
- C. user@host> compare files filename1 filename 2
- D. user@host> compare filename1 filename2

Answer: B

NEW QUESTION 503

Which command would initiate a loopback on a Gigabit Ethernet interface ge-0/0/0?

- A. # set interfaces ge-0/0/0 unit 0 loopback
- B. # set interfaces ge-0/0/0 gigether-options loopback
- C. > set interfaces ge-0/0/0 loopback
- D. > loopback ge-0/0/0

Answer: B

NEW QUESTION 505

Which type of routes are held in Inet.0?

- A. multicast and unicast IPv4 routes
- B. ARP tables and MAC reachability
- C. IP version 4 unicast routes
- D. IP version 6 and IP version 4 routes

Answer: C

NEW QUESTION 506

Which two of the following items does a scheduler map associate with each other? (Choose two.)

- A. Scheduler
- B. BA Classifier
- C. Forwarding class
- D. Rewrite rule

Answer: AC

NEW QUESTION 508

What is the default local location for syslog and trace files?

- A. /log
- B. /home/log
- C. /var/log
- D. /etc/log

Answer: C

NEW QUESTION 513

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