

JN0-102 Dumps

Junos, Associate (JNCIA-Junos)

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NEW QUESTION 1

Which routing instance type is used to facilitate filter-based forwarding?

- A. VRF
- B. FBF
- C. forwarding
- D. no-forwarding

Answer: C

NEW QUESTION 2

Which two commands would you use to discard a candidate configuration? (Choose two.)

- A. rollback
- B. delete
- C. delete 0
- D. rollback 0

Answer: AD

NEW QUESTION 3

Which two statements are true about static routes in the Junos OS? (Choose two.)

- A. Static routes are defined at the [edit routing-instances] hierarchy.
- B. Static routes must have a next hop defined.
- C. Static routes remain in the routing table until you remove them or until they become inactive.
- D. Static routes are learned by neighboring devices and added to their routing tables.

Answer: BC

NEW QUESTION 4

Which three statements are true regarding the candidate configuration? (Choose three.)

- A. The candidate configuration is a temporary configuration that might become the active configuration.
- B. A candidate configuration is initially populated with the configuration currently active on the system.
- C. Changes to the candidate configuration take effect immediately.
- D. The candidate configuration becomes the active configuration after a system reboot.
- E. The configure private command allows concurrent editing of a candidate configuration by multiple users.

Answer: ABE

NEW QUESTION 5

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 6

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 7

Which command returns a list of commands in which a given keyword is used throughout the Junos hierarchies?

- A. help topic
- B. help reference
- C. help apropos
- D. help tip

Answer: C

NEW QUESTION 8

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 9

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 10

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 10

Which two statements are true about optical networks? (Choose two.)

- A. SONET and SDH both use time-division multiplexing.
- B. An optical transport network system uses time-division multiplexing.
- C. SONET and SDH both use wavelength-division multiplexing.
- D. An optical transport network system uses wavelength-division multiplexing.

Answer: AD

NEW QUESTION 11

Which command is used to load the rescue configuration?

- A. load override rescue
- B. rollback rescue
- C. load replace rescue-configuration
- D. rollback 49

Answer: B

NEW QUESTION 16

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 19

-- 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 22

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 27

Which statement is true about logical units?

- A. Logical units are similar to VLANs used by other vendors.
- B. A logical unit is required for transit interfaces.
- C. Frame Relay encapsulation supports one logical unit.
- D. Link speed and duplex are configured in the logical unit properties.

Answer: B

NEW QUESTION 28

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 33

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 36

Which process is responsible for the routing protocols on a Junos device?

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

Answer: A

NEW QUESTION 38

You are asked to configure real-time performance monitoring (RPM) between two Junos devices to track traffic in your network. Which two application traffic types can you track? (Choose two.)

- A. ICMP
- B. SNMP
- C. TCP
- D. HTTPS

Answer: AC

NEW QUESTION 39

What must you type to enter operational mode from the root@% command prompt?

- A. exit
- B. configure
- C. edit
- D. cli

Answer: D

NEW QUESTION 41

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 45

What are three benefits of using IPv6? (Choose three.)

- A. IPv6 supports a greater level of security by integrating features that were optional add-ons in IPv4.
- B. IPv6 reduces administrative overhead using stateless address autoconfiguration for hosts.
- C. IPv6 eliminates the need for private to public NAT using a large address pool.
- D. IPv6 provides backward compatibility with IPv4 using the Next Header field.
- E. IPv6 represents large IP addresses using dotted decimal notation.

Answer: ABC

NEW QUESTION 47

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 49

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 53

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 56

Which statement is correct regarding exception traffic processing?

- A. Exception traffic is only handled by the PFE.
- B. Exception traffic is rate-limited across the internal link to protect the RE.
- C. Exception traffic is not prioritized during times of congestion.
- D. Exception traffic is forwarded based on forwarding table entries.

Answer: B

NEW QUESTION 59

Which two statements are true of login classes? (Choose two.)

- A. Users can be members of multiple login classes.
- B. Login classes define authorization parameters for a user.
- C. There are five system-defined login classes.
- D. Login class permission flags can be overridden for certain commands.

Answer: BD

NEW QUESTION 61

Why is IPv6 packet processing more effective than IPv4 packet processing?

- A. fixed header size
- B. smaller header size

- C. fewer header fields
- D. variable header size

Answer: A

NEW QUESTION 64

Which command is used to restore a Junos device to its default state?

- A. load factory-default
- B. load override factory-default
- C. load replace default
- D. load set default

Answer: A

NEW QUESTION 66

Which statement is correct about the forwarding table?

- A. The forwarding table is stored only on the PFE.
- B. The forwarding table contains all known routes.
- C. The forwarding table is stored on both the RE and PFE.
- D. The forwarding table is stored only on the RE.

Answer: C

NEW QUESTION 68

-- Exhibit --

```
[edit system syslog] user@router# show host 152.170.10.10 {
any warning;
}
file changes { change-log info;
}
```

-- Exhibit --

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

- A. Any warning message will be sent to the 152.170.10.10 host.
- B. A warning message will be logged when the 152.170.10.10 host logs in.
- C. Changes to the device's internal temperatures will be logged.
- D. Changes to the configuration will be logged.

Answer: AD

NEW QUESTION 70

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 75

Which two statements are true about TCP communication? (Choose two.)

- A. The receiver acknowledges the final packet in each communications stream.
- B. The receiver adds sequencing numbers to the packets received.
- C. The sender adds sequencing numbers to the packets it sends.
- D. The receiver acknowledges each packet it receives from the sending device.

Answer: AC

NEW QUESTION 78

What is the binary equivalent of 242.168.94.124?

- A. 11110011 10101000 01011110 01111100
- B. 11110010 10101010 01011110 01111100
- C. 11110010 10101000 01011110 01111100
- D. 11110010 10101000 01010110 01111100

Answer: C

NEW QUESTION 83

At which layer of the OSI model does error checking occur with IPv6?

- A. Layer 2
- B. Layer 3
- C. Layer 4
- D. Layer 7

Answer: C

NEW QUESTION 84

Which two commands are used during the password recovery process? (Choose two.)

- A. clear system login
- B. boot -s
- C. recovery
- D. delete system root-authentication

Answer: BC

NEW QUESTION 88

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 91

-- Exhibit --

```
user@router> show configuration groups {
ge-int { interfaces {
<ge-*> { unit 0 { family inet {
address 10.10.12.1/24;
}
}
}
}
}
}
...
interfaces { ge-0/0/1 { unit 0;
```

-- Exhibit --

Referring to the exhibit, which two actions would you take to only apply the 10.10.12.1/24 address to the ge-0/0/1.0 interface?

- A. Apply the ge-int group to the configuration at the [edit] hierarchy.
- B. Apply the ge-int group to the configuration at the [edit interfaces ge-0/0/1] hierarchy.
- C. Apply the ge-int group to the configuration at the [edit interfaces ge-0/0/1 unit 0] hierarchy.
- D. Apply the ge-int group to the configuration at the [edit interfaces] hierarchy.

Answer: BC

NEW QUESTION 93

You are asked to change the cable on interface ge-0/2/1. Which statement is correct?

- A. The cable is found on slot 2, port 0, and FPC 1.
- B. The cable is found on FPC 0, slot 1, and port 2.
- C. The cable is found on port 1, slot 0, and FPC 2.
- D. The cable is found on slot 2, port 1, and FPC 0.

Answer: D

NEW QUESTION 98

Which three commands will cause a logical interface to go administratively down after being committed? (Choose three.)

- A. shutdown
- B. deactivate
- C. disable
- D. down
- E. delete

Answer: BCE

NEW QUESTION 103

-- Exhibit --

```
user@router> show route protocol static
inet.0: 15 destinations, 15 routes (15 active, 0 holddown, 0 hidden)
```


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

Answer:

NEW QUESTION 108

```
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 111

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 115

When configuring more than one archival site, which statement is true?

- A. The system will first attempt the transfer using the URL configured last.
- B. The system will transfer the configuration to each archival site.
- C. The system will not transfer to a secondary site unless the previous site fails.
- D. The system will transfer using secure copy protocol (SCP) before attempting FTP.

Answer: C

NEW QUESTION 118

-- Exhibit --

```
firewall {  
  filter select-telnet { term 1 {  
    from {  
      source-address { 10.0.0.0/8;  
    }  
  }  
  then log;  
}  
term 2 { from { protocol tcp; port telnet;  
}  
then { syslog;  
  reject;  
}
```

```
}  
term 3 { from {  
source-address { 10.1.1.1/32;  
}  
protocol tcp; port telnet;  
}  
then { sample; accept;  
}  
}  
}  
}  
}
```

-- Exhibit --

A Telnet session is initiated from host 10.1.1.1.

What will happen when it is processed by the firewall filter shown in the exhibit?

- A. The packet will be accepted and logged.
- B. The packet will be discarded and logged.
- C. The packet will be rejected and a syslog message generated.
- D. The packet will be accepted and sampled.

Answer: A

NEW QUESTION 121

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 123

Which CLI keyboard sequence allows you to move the cursor to the beginning of the line?

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

Answer: D

NEW QUESTION 128

By default, which character indicates the UNIX shell prompt?

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

Answer: D

NEW QUESTION 133

After editing to your device's configuration, which command must you enter to activate the configuration changes?

- A. set
- B. copy candidate active
- C. apply-config
- D. commit

Answer: D

NEW QUESTION 134

Which statement is correct about policies in the Junos OS?

- A. Export policies are used to filter routes from the RE forwarding table to the PFE forwarding table.
- B. Export policies are used to filter routes destined for the routing table.
- C. Export policies are used to filter routes being sent to neighboring devices.
- D. Export policies are used to filter traffic leaving the device.

Answer: C

NEW QUESTION 139

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 141

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 145

What are two Junos processes? (Choose two.)

- A. OSPF SPF daemon (ospfd)
- B. SNMP daemon (snmpd)
- C. BGP daemon (bgpd)
- D. Routing protocols daemon (rpd)

Answer: BD

NEW QUESTION 149

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 150

-- 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 154

What are two default routing policies on Junos devices? (Choose two.)

- A. The BGP import policy accepts all BGP routes.
- B. The BGP export policy rejects all active BGP routes.
- C. The OSPF import policy accepts all OSPF routes.
- D. The OSPF export policy accepts all active OSPF routes.

Answer: AC

NEW QUESTION 157

The IP address 192.168.100.1 belongs to which class of IP address space?

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

Answer: C

NEW QUESTION 159

Which statement is true regarding the Junos OS?

- A. All platforms running the Junos OS separate the functions of learning and flooding.
- B. All platforms running the Junos OS separate the functions of control and forwarding.
- C. All platforms running the Junos OS separate the functions of routing and bridging.
- D. All platforms running the Junos OS separate the functions of management and routing.

Answer: B

NEW QUESTION 161

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 164

What is the decimal equivalent of 00000110?

- A. 2
- B. 4
- C. 6
- D. 11

Answer: C

NEW QUESTION 165

-- Exhibit --

```
policy-options {
  policy-statement example-pol { term 1 {
    from {
      protocol static;
      route-filter 10.1.0.0/16 exact;
    }
    then { preference 6;
      accept;
    }
  }
  term 2 { from {
    protocol static;
    route-filter 10.1.1.0/24 longer;
  }
    then { preference 7; accept;
  }
  }
  term 3 { from {
    protocol static;
    route-filter 10.1.0.0/16 upto /24;
  }
    then { preference 8; accept;
  }
  }
  term 4 { then accept;
  }
}
```

-- Exhibit --

Referring to the exhibit, if the static route with prefix 10.1.1.0/24 is evaluated against the routing policy, which preference value will be set?

- A. The preference will be 6.
- B. The preference will be 7.
- C. The preference will be 8.
- D. The preference will be the default for static routes.

Answer: C

NEW QUESTION 168

By default, which character indicates the configuration mode prompt?

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

Answer: A

NEW QUESTION 171

How do you save the current candidate configuration in the set format to permanent storage media?

- A. [edit]user@router# show | set | save /var/tmp/current.conf
- B. [edit]user@router# show | compare set | save /var/tmp/current.conf
- C. [edit]user@router# save /var/tmp/current.conf | display set
- D. [edit]user@router# show | display set | save /var/tmp/current.conf

Answer: D

NEW QUESTION 176

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 181

Which statement is true regarding syslog on Junos devices?

- A. No logging is enabled by default.
- B. By default, the information is stored in a file named events.
- C. Only the message severity level must be configured.
- D. You can configure the router to send log messages to the console.

Answer: D

NEW QUESTION 186

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 191

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 193

Which user authentication method is supported by the Junos OS as a last resort alternative?

- A. TACACS+
- B. RADIUS
- C. local user database
- D. enable password

Answer: C

NEW QUESTION 198

-- 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
14:41:41	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 202

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 205

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 pfevdd

Answer: A

NEW QUESTION 209

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 210

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 211

Which command will drop a matching packet and send out a notification message?

- A. set routing-options static route 10.1.1.1/32 no-retain
- B. set routing-options static route 10.1.1.1/32 discard
- C. set routing-options static route 10.1.1.1/32 reject
- D. set routing-options static route 10.1.1.1/32 no-install

Answer: C

NEW QUESTION 214

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

Answer: BD

NEW QUESTION 217

Which two statements are true about the rescue configuration file? (Choose two.)

- A. It must include a root password.
- B. It is rollback file number 50, and you can recover it by issuing rollback 50.
- C. It is created by issuing request system configuration rescue save.
- D. It is updated automatically when you commit.

Answer: AC

NEW QUESTION 220

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 222

How do you write the current candidate configuration to the permanent storage media?

- A. [edit]user@router# save /var/tmp/current.conf
- B. [edit]user@router# write /var/tmp/current.conf
- C. [edit]user@router# commit /var/tmp/current.conf
- D. [edit]user@router# dump /var/tmp/current.conf

Answer: A

NEW QUESTION 223

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 227

Which command will save the current active configuration as the rescue configuration?

- A. user@router# save | rescue
- B. user@router> request system configuration rescue save
- C. user@router# save rescue configuration
- D. user@router> file save rescue-configuration

Answer: B

NEW QUESTION 231

What is the default SNMP permission level on Junos devices?

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

Answer: C

NEW QUESTION 232

Which command do you use to navigate to [edit interfaces]?

- A. cd interfaces
- B. dir edit interfaces
- C. edit interfaces
- D. interfaces

Answer: C

NEW QUESTION 235

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 240

-- 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 242

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 246

What are three firewall filter terminating actions? (Choose three.)

- A. accept
- B. log
- C. reject
- D. discard
- E. drop

Answer: ACD

NEW QUESTION 249

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 254

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 255

What is the default action for firewall filters?

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

Answer: C

NEW QUESTION 256

Which two external authentication methods are supported by the Junos OS for user authentication? (Choose two.)

- A. RADIUS
- B. KERBEROS
- C. IPsec
- D. TACACS+

Answer: AD

NEW QUESTION 260

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 261

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 266

Which command is used to enable access to J-Web using HTTPS?

- A. set system remote-access profile https
- B. set services remote-access profile j-web-https
- C. set system services web-management https
- D. set services web-management j-web-https

Answer: C

NEW QUESTION 270

-- 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 273

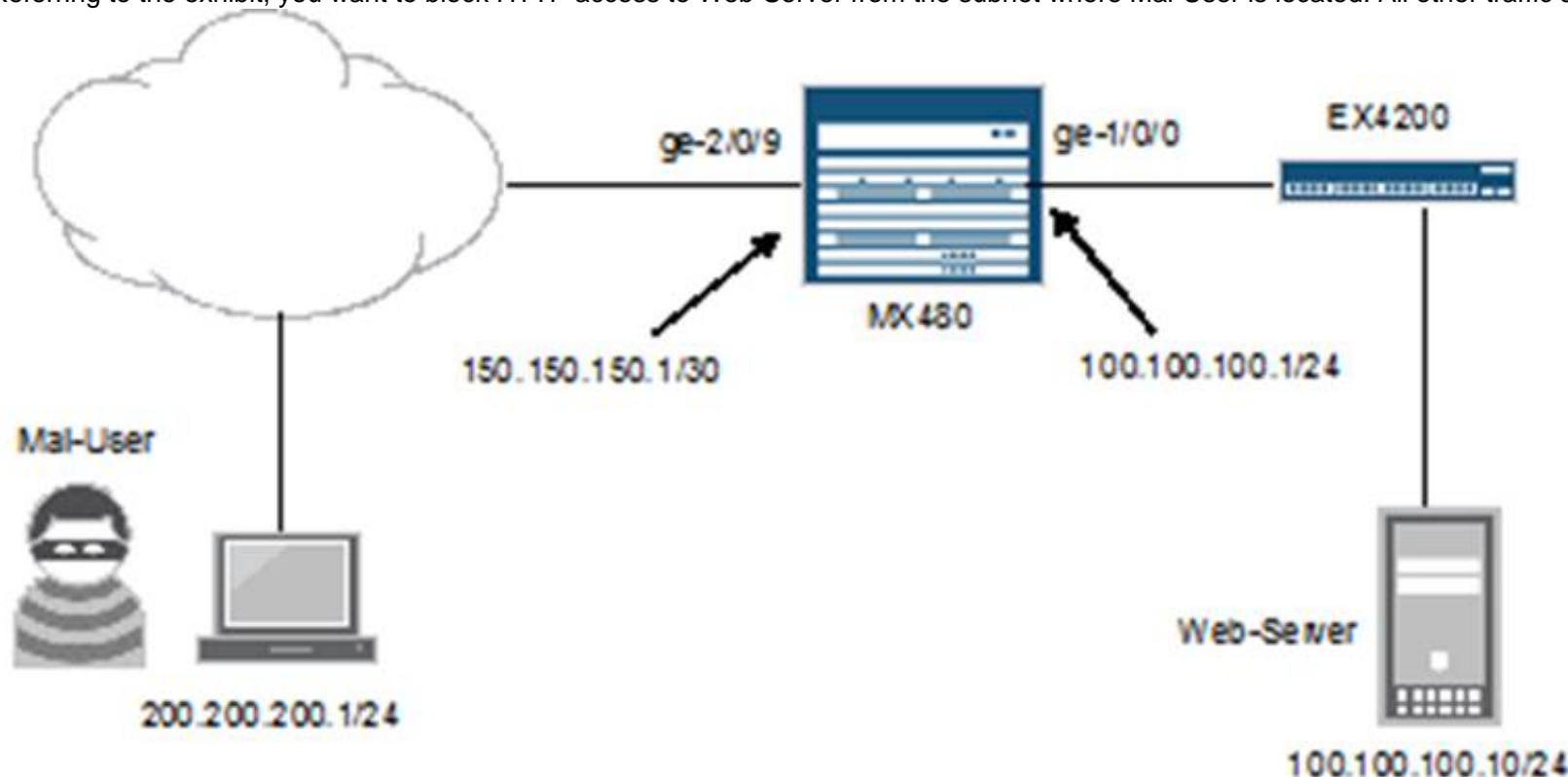
You have been allocated a /22 network. How many usable hosts are available?

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

Answer: C

NEW QUESTION 274

Referring to the exhibit, you want to block HTTP access to Web-Server from the subnet where Mal-User is located. All other traffic should be permitted.



Which firewall filter configuration do you use?

- A. [edit firewall family inet filter STOP-MAL-USER]user@router# showterm one {from{source-address {200.200.200.0/24;}destination-address{100.100.100.10/32;}protocoltcp;destination-port http;}then accept;}term two {then {reject;}}
- B. [edit firewall family inet filter STOP-MAL-USER]user@router# showterm one {from{source-address {100.100.100.0/24;}destination-address{200.200.200.1/32;}protocoltcp;destination-port http;}then accept;}term two {then {reject;}}
- C. [edit firewall family inet filter STOP-MAL-USER]user@router# showterm one {from{source-address {100.100.100.0/24;}destination-address{200.200.200.1/32;}protocoltcp;destination-port http;}then reject;}term two {then {accept;}}
- D. [edit firewall family inet filter STOP-MAL-USER]user@router# showterm one {from{source-address {200.200.200.0/24;}destination-address{100.100.100.10/32;}protocoltcp;destination-port http;}then reject;}term two {then {accept;}}

Answer: D

NEW QUESTION 276

Which command do you issue to upgrade the current software on Junos devices?

- A. request system software replace
- B. request system software install
- C. request system software add
- D. request system software upgrade

Answer: C

NEW QUESTION 277

During a password recovery, what is the next step after configuring the system to boot into single-user mode?

- A. Reset the root password.
- B. Press the space bar.
- C. Type recovery.
- D. Press the "Enter" key.

Answer: C

NEW QUESTION 278

Which two statements are correct about Layer 2 broadcast frames? (Choose two.)

- A. Layer 2 broadcast frames are processed by all devices on the same VLAN.
- B. Layer 2 broadcast frames are discarded by routers that connect to multiple VLANs.
- C. Layer 2 broadcast frames are relayed by routers to all connected VLANs.
- D. Layer 2 broadcast frames are relayed by switches to devices on the same VLAN.

Answer: AD

NEW QUESTION 279

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 284

Which command will allow you to quickly determine the administrative status of all interfaces on a Junos device?

- A. show interfaces status
- B. show interfaces summary
- C. show interfaces terse
- D. show interfaces admin

Answer: C

NEW QUESTION 285

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 289

-- Exhibit --

```
user@router> show route protocol static
inet.0: 12 destinations, 12 routes (12 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both
192.168.1.0/24 *[Static/5] 00:03:13
>to 10.20.106.10 via fe-0/0/5.1 192.168.1.192/26 *[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-0/0/1.0 192.168.1.4/30 *[Static/5] 00:01:06
>to 10.20.14.130 via ge-0/0/0.0
```

-- Exhibit --

Using the routing table shown in the exhibit, what will be the next-hop IP address used for a destination IP address of 192.168.1.1? (Assume that the only routes to this destination are static routes.)

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

Answer: D

NEW QUESTION 291

-- 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 293

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

- A. classification
- B. policing

- C. queuing
- D. scheduling

Answer: D

NEW QUESTION 296

What represents the decimal equivalence of 11100111?

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

Answer: D

NEW QUESTION 297

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 299

What represents the decimal equivalence of 01101110?

- A. 90
- B. 96
- C. 110
- D. 118

Answer: C

NEW QUESTION 301

-- Exhibit --

traceroute to 10.1.15.2 (10.1.15.2), 30 hops max, 40 byte packets

1 10.1.36.1 (10.1.36.1) 0.651 ms 7.834 ms 0.506 ms

2 10.1.23.1 (10.1.23.1) 0.5 ms 0.5 ms 0.5 ms

3 * * *

4 * * *

-- Exhibit --

Referring to the exhibit, which statement is correct?

- A. The packets have exceeded the time-to-live value.
- B. There is a loop.
- C. The asterisks indicate a response time out.
- D. The asterisks indicate that the traceroute is completed.

Answer: C

NEW QUESTION 303

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 311

What is the default export routing policy for RIP?

- A. Accept all local routes.
- B. Accept all RIP routes.
- C. Accept no routes.
- D. Accept all direct routes.

Answer: C

NEW QUESTION 315

Which command do you use to display the messages seen during the last system boot?

- A. show system boot-messages
- B. show chassis messages
- C. show file system boot-messages
- D. show boot-log messages

Answer: A

NEW QUESTION 319

Which statement is true about a routing table?

- A. It contains routes learned dynamically only.
- B. It finds the best path to each destination by using a modified shortest-path-first calculation.
- C. It contains only active BGP routes.
- D. It contains all accepted routes to all destinations.

Answer: D

NEW QUESTION 323

What is the default route preference value for EBGp?

- A. 20
- B. 100
- C. 170
- D. 200

Answer: C

NEW QUESTION 325

Which three steps are part of the root password recovery process? (Choose three.)

- A. Reboot the device.
- B. Run the recovery script.
- C. Reset the root password.
- D. Reset the user passwords.
- E. Load factory-default configuration.

Answer: ABC

NEW QUESTION 328

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

- A. Telnet
- B. ICMP
- C. DHCP
- D. RIP

Answer: CD

NEW QUESTION 333

-- Exhibit --

user@router# run show route /24

inet.0: 142 destinations, 142 routes (141 active, 0 holddown, 1 hidden)

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

/24 *[OSPF/10] 04:10:20
>to 172.25.213.11 via ge-1/0/1.0 to 172.25.213.23 via ge-1/0/2.0
-- Exhibit --

In the exhibit, what does the (>) symbol indicate?

- A. There is a software issue with ge-1/0/1.0 interface.
- B. There is a hardware issue with ge-1/0/1.0 interface.
- C. The next hop of 172.25.213.11 is selected.
- D. The next hop of 172.25.213.11 is not resolvable.

Answer: C

NEW QUESTION 338

What are three terminating actions for firewall filters? (Choose three.)

- A. reject
- B. drop
- C. permit
- D. accept
- E. discard

Answer: ADE

NEW QUESTION 340

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 344

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 346

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

- A. OSPF area ID
- B. prefix list
- C. port
- D. time-to-live (TTL)

Answer: AB

NEW QUESTION 348

You need to control SSH, HTTP, and Telnet access to an MX240 router through any interface. You have decided to use a firewall filter. How should you apply the firewall filter?

- A. as an outbound filter on interface fxp0
- B. as an outbound filter on interface lo0
- C. as an inbound filter on interface fxp0
- D. as an inbound filter on interface lo0

Answer: D

NEW QUESTION 353

You must segment your internal /24 network into a minimum of 12 subnets, each containing a minimum of 12 hosts. Which network mask do you use?

- A. /26
- B. /27
- C. /28
- D. /29

Answer: C

NEW QUESTION 357

What is the purpose of a network mask?

- A. It is used to identify the maximum hop count of a subnetwork.
- B. It is used to identify an IP address as either private or public.
- C. It is used to identify the network to which an IP address belongs.
- D. It is used to identify the total number of bits present in an IP address.

Answer: C

NEW QUESTION 358

```
-- Exhibit -- [edit snmp] user@router# show
community CommunityA { authorization read-only; clients {
192.168.1.0/28;
}
}
trap-group groupA { 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 360

What are three examples of dynamic IGPs? (Choose three.)

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

Answer: ACE

NEW QUESTION 361

Which statement is true regarding an Ethernet collision domain?

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

Answer: C

NEW QUESTION 366

Which two statements are true about the forwarding table? (Choose two.)

- A. The forwarding table lists each source protocol and preference for each destination.
- B. The forwarding table contains only active routes.
- C. The forwarding table is used to process transit packets.
- D. The forwarding table is stored in compact flash.

Answer: BC

NEW QUESTION 371

What are two purposes of a forwarding class? (Choose two.)

- A. to identify traffic that should be dropped
- B. to classify traffic
- C. to identify traffic that should receive common treatment
- D. to assign traffic to output queues

Answer: CD

NEW QUESTION 376

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 379

You issue the ping interface t1-1/1/0 1.1.1.1 bypass-routing count 1000 rapid command. Which statement is correct?

- A. The bypass-routing parameter is used to test the density on the T1 line.
- B. The bypass-routing parameter cannot be used on a T1 interface.
- C. The bypass-routing parameter allows you to ping a host through an interface that has no route through it.
- D. The bypass-routing parameter allows you to ping a local WAN interface without generating any outbound traffic.

Answer: C

NEW QUESTION 380

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 385

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 386

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 389

-- Exhibit --

```
...
if-exceeding { bandwidth-limit 1m; burst-size-limit 3k;
}
then discard;
-- Exhibit --
```

The configuration in the exhibit is associated with which class of service component?

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

Answer: B

NEW QUESTION 394

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 396

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 401

Your network administrator has asked you to view the real-time interface usage on ge- 0/0/0.

Which command would be used?

- A. monitor interface ge-0/0/0
- B. traceoptions interface ge-0/0/0
- C. debug interface ge-0/0/0
- D. monitor usage ge-0/0/0

Answer: A

NEW QUESTION 402

Which operational command would you use to quickly verify the state of all interfaces?

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

Answer: A

NEW QUESTION 403

What is a valid multicast MAC address?

- A. 00:90:69:9f:ea:46
- B. ff:ff:ff:ff:ff:ff
- C. 01:00:5e:28:12:95
- D. 99:99:99:99:99:99

Answer: C

NEW QUESTION 408

What represents the binary equivalence of 148?

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

Answer: D

NEW QUESTION 412

-- 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 aggregate;
route-filter 192.168.0.0/16 longer;
}
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. 192.168.0.0/17 only
- C. 192.168.0.0/16 and 192.168.0.0/17
- D. 192.168.0.0/17, 192.168.50.0/24, and 192.168.51.0/24

Answer: B

NEW QUESTION 415

What represents the decimal equivalence of 11100101?

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

Answer: D

NEW QUESTION 419

Which two commands is used to validate the syntax of a configuration without applying the configuration?

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

Answer: AC

NEW QUESTION 420

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 425

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

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

Answer: D

NEW QUESTION 427

The PFE receives which two tables from the RE? (Choose two.)

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

Answer: AC

NEW QUESTION 432

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 437

What are two examples of exception traffic? (Choose two.)

- A. SFTP traffic that enters one interface and is destined for a local physical interface.
- B. SFTP traffic that enters and exits the same interface on the local router.
- C. SCP traffic that enters one interface and exits another interface on the local router.
- D. SCP traffic that is destined for the router's loopback interface.

Answer: AD

NEW QUESTION 439

Which IP protocol number is assigned to TCP?

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

Answer: D

NEW QUESTION 443

What is the name of the volume containing the software and files used for the day-to-day operation of a device using Junos with upgraded FreeBSD?

- A. /oam
- B. /active
- C. /var
- D. /junos

Answer: D

NEW QUESTION 444

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 446

-- 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 451

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 455

What are three advantages which dynamic routing protocols offer over static routing protocols? (Choose three.)

- A. lower administrative overhead
- B. increased network availability
- C. greater network scalability
- D. easier to implement qualified next hops
- E. easier ECMP route implementation

Answer: ABC

Explanation: Dynamic routing protocols help the network administrator manage the time-consuming and exacting process of configuring and maintaining static routes.

Dynamic routing automatically adapts topology to reroute traffic if possible. Dynamic routing is generally independent of the network size.

References: <http://www.ciscopress.com/articles/article.asp?p=2180210&seqNum=5>

NEW QUESTION 459

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 464

You have enabled traceoptions to log error messages. You want to have the messages displayed to your terminal session automatically as they occur. Which command should you use in this scenario?

- A. file list
- B. request message terminal
- C. file show
- D. monitor start

Answer: D

NEW QUESTION 465

What are the usable hosts on the 192.168.1.24/29 network?

- A. .24 through .48
- B. .24 through .32
- C. .25 through .30
- D. .35 through .31

Answer: C

Explanation: The minimum host address is 192.168.1.25, and the maximum host address is 192.168.1.30.

References: <http://jodies.de/ipcalc?host=192.168.1.24&mask1=29&mask2=>

NEW QUESTION 468

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 472

What is the default firewall filter behavior when a term is matched but no terminating action is specified?

- A. An implicit deny and the filter evaluation continues to the next term
- B. An implicit accept and the filter evaluation continues to the next term
- C. An implicit accept and the filter evaluation terminates
- D. An implicit deny and the filter evaluation terminates

Answer: C

NEW QUESTION 475

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 477

Which two statements are correct about the inet.0 routing table? (Choose two.)

- A. It stores information learned from routing protocols and other sources.

- B. It is used for populating the forwarding policy.
- C. It is used for populating the forwarding table.
- D. It is used for populating the Ethernet switching table.

Answer: AC

NEW QUESTION 480

Which statement is correct about logical units on Juniper Router interfaces?

- A. Logical units are used only when a Layer 2 identifier is present such as a VLAN.
- B. A logical unit of 0 is required when using a frame-relay DLCI.
- C. A logical unit is always required.
- D. Logical units are not required unless ATM or 802.1Q VLAN tagging is configured.

Answer: C

Explanation: Many router vendors refer to a logical unit as a subinterface; they do not require a subinterface on every physical interface, whereas a Juniper Networks router does.

Note: All router interfaces that will send and receive transit traffic require a logical unit to be configured. This logical unit creates a division of the physical interface into multiple parts.

References: <https://www.safaribooksonline.com/library/view/junos-enterprise-routing/9781449309633/ch04s03.html>

NEW QUESTION 483

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 485

What is the network ID address of the IPv4 subnet that includes the IP address 114.180.192.120/28?

- A. 114.180.192.100/28
- B. 114.180.192.118/28
- C. 114.180.192.112/28
- D. 114.180.192.106/28

Answer: C

NEW QUESTION 486

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

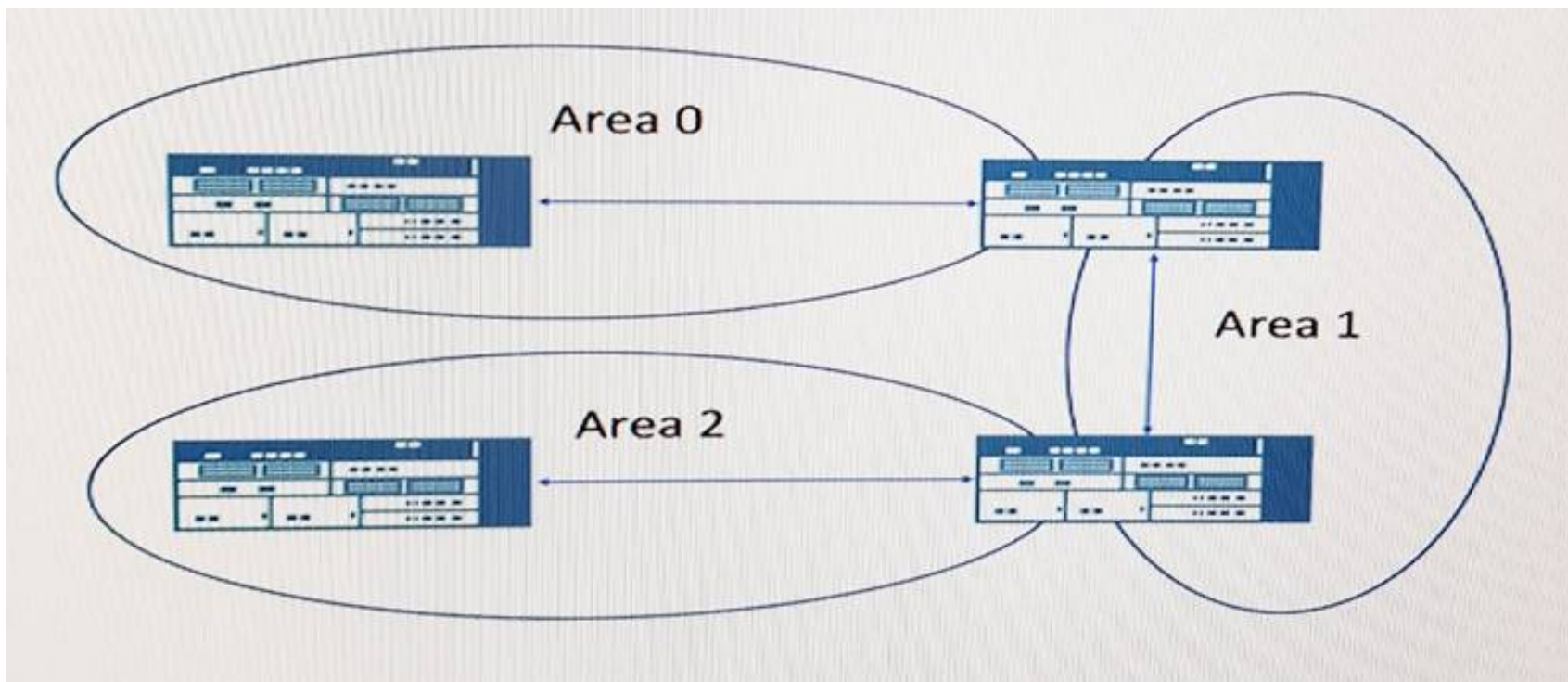
What is the highest layer that the switch will inspect the traffic in this scenario?

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

Answer: C

NEW QUESTION 489

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 492

Click the Exhibit button.

```
user@router>show bfd session detail
Address          State      Interface      Detect time    Transmit Interval

Multiplier
172.16.1.2       Up         ge-1/2/0.0     3.000         1.000         3
  Client Static, TX interval 1.000, RX interval 1.000, Authenticate
  Session up time 00:53:58
  Local diagnostic NbrSignal, remote diagnostic None
  Remote state Up, version 1
  Logical system 9, routing table index 22
1 sessions, 1 clients
Cumulative transmit rate 1.0 pps, cumulative receive rate 1.0 pps
```

Referring to the exhibit, which statement is true?

- A. The customer's link will failover in nine seconds.
- B. the customer has not enabled security for BFD.
- C. The customer has set the version parameter to automatic.
- D. The customer's link flapped within the last hour.

Answer: D

NEW QUESTION 497

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

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

Answer: A

NEW QUESTION 501

Which keystroke combination allows users to move the cursor to the beginning of the command line without deleting text?

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

Answer: B

NEW QUESTION 505

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 506

Given the host IP address of 192.168.100.60 and a network mask of 255.255.255.224 (or /27), which address represents the correct network address for the referenced host?

- A. 192.168.100.48
- B. 192.168.100.16
- C. 192.168.100.0
- D. 192.168.100.32

Answer: D

Explanation: Network is a class C network: 192.168.100.32/27 Binary: 11000000.10101000.01100100.001 00000

References: <http://jodies.de/ipcalc?host=192.168.100.60&mask1=27&mask2=>

NEW QUESTION 507

Which two statements describe the default behavior for OSPF? (Chosoe two.)

- A. OSPF imports all routes into the inet.0 routing table.
- B. OSPF exports all static routes into the OSPF database.
- C. OSPF does not export static routes into the OSPF database.
- D. OSPF imports all routes into the inet4.0 routing table.

Answer: AC

NEW QUESTION 510

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 515

Which two are correct when configuring an IP address for a Fast Ethernet interface? (Choose two.)

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

Answer: BD

Explanation: D: The following configuration is sufficient to get a Fast Ethernet interface up and running. By default, IPv4 Fast Ethernet interfaces use Ethernet version 2 encapsulation.

[edit]

user@host# set interfaces fe-5/2/1 unit 0 family inet address local-address

B: You can also omit the unit specification, here unit 0, and set the ip address through the command:

set interfaces fe-0/0/0.0 family inet address local-address

References: http://www.juniper.net/documentation/en_US/junos12.3/topics/example/interfaces-configuring-fast-ethernet-interfaces.html

NEW QUESTION 517

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 522

What are two protocols that the Junos OS uses to archive configuration files remotely? (Choose two.)

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

Answer: BD

NEW QUESTION 525

Which two ping command parameters would be used to troubleshoot MTU issues? (Choose two.)

- A. ping <destination> size
- B. ping <destination> rapid
- C. ping <destination> verbose
- D. ping <destination> do-not-fragment

Answer: AD

NEW QUESTION 529

Which statement is correct regarding exception traffic on Junos devices?

- A. The built –in rate limiter for exception Traffic is configured.
- B. The Junos OS has a built-in rate limiter for exception traffic.
- C. The Junos OS does not provide congestion control for exception traffic sent to the RE.
- D. All exception traffic destined for the RE is sent over the out-of-band management link.

Answer: B

NEW QUESTION 533

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 537

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 538

Which Junos release would address only bug fixes that were not contained in the 15.1R1 version of code?

- A. 15.1R2
- B. 15.1X2
- C. 15.1S2
- D. 15.1F2

Answer: A

NEW QUESTION 541

Which application would be suited for UDP traffic?

- A. Web browsing
- B. downloading a program
- C. streaming television shows
- D. on-line shopping

Answer: C

Explanation: UDP flows would be appropriate for streaming Video shows.

NEW QUESTION 543

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 548

What information does the help topic command provide?

- A. router's version and serial number to help open a case with JTAC
- B. software documentation describing features and configuration tasks within JUNOS
- C. a brief description of commands and their default values
- D. a verification of the current configuration on the router

Answer: B

Explanation: The help topic command displays usage guidelines for the statement based on information that appears in the Junos OS configuration guides.

NEW QUESTION 550

Which process is responsible for controlling all interfaces on a Junos device?

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

Answer: D

NEW QUESTION 551

Which three protocols are connectionless? (Choose three.)

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

Answer: ABC

NEW QUESTION 555

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 560

You are configuring a firewall filter.

Which "from" criterion would match only those packets destined for 10.10.10.1?

- A. [edit firewall filter test]root@router# set term 1 from address 10.10.10.1
- B. [edit firewall filter test]root@router# set term 1 from destination-address 10.10.10.1
- C. [edit firewall filter test]root@router# set term 1 from destination 10.10.10.1
- D. [edit firewall filter test]root@router# set term 1 from ip-prefix 10.10.10.1

Answer: B

NEW QUESTION 565

Where are files queued for transmission when using the configuration archive transfer-on-commit function?

- A. /var/config
- B. /var/queue
- C. /var/transfer/queue
- D. /var/transfer/config

Answer: D

NEW QUESTION 566

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 567

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 568

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