



Juniper

Exam Questions JN0-106

Junos - Associate (JNCIA-Junos)

NEW QUESTION 1

A. Configure an NTP server.

- A. Configure a DNS server.
- B. Set the date and time setting manually.
- C. Reboot the device.

Answer: AC

NEW QUESTION 2

Which two characteristics apply to TCP? (Choose two.)

- A. TCP guarantees fixed latency for application flows.
- B. TCP broadcasts datagrams by default on Ethernet.
- C. TCP uses a three-way handshake to establish a connection.
- D. TCP provides reliable, ordered delivery using sequence numbers.

Answer: CD

NEW QUESTION 3

Which command would you use to gracefully power off a Junos device?

- A. request system reboot
- B. shutdown now
- C. request system logout
- D. request system halt

Answer: D

NEW QUESTION 4

What does the user@router> clear log ospf-trace command accomplish?

- A. The ospf-trace file is deleted.
- B. Trace parameters are removed from the OSPF protocol configuration.
- C. Logging data into ospf-trace is stopped.
- D. Data in the ospf-trace file is removed and logging continues.

Answer: D

NEW QUESTION 5

Which two statements describe rollback configuration behavior in Junos OS? (Choose two.)

- A. Rollback configurations are applied automatically after a commit confirmed timeout.
- B. Rollback 0 always refers to the factory default configuration.
- C. Rollback files are stored automatically after each commit.
- D. Up to 100 rollback configurations are maintained by default.

Answer: AC

NEW QUESTION 6

What is the purpose of an ARP packet?

- A. to determine the MPLS label of a given IP address
- B. to determine the IP address of a given URL
- C. to determine the MAC address of a given IP address
- D. to determine the IP address of a given MAC address

Answer: C

NEW QUESTION 7

How are the Routing Engine and the Packet Forwarding Engine components connected?

- A. They use shared memory access.
- B. They use external breakout cables.
- C. They use an MPLS connection.
- D. They use an internal Ethernet link.

Answer: D

NEW QUESTION 8

Which two characteristics describe Junos OS software? (Choose two.)

- A. Junos OS is a monolithic code base.

- B. Junos OS supports automation features.
- C. Junos OS runs only on routers.
- D. Junos OS uses a modular architecture with independent processes.

Answer: BD

NEW QUESTION 9

Which two operational mode commands would you use to verify CPU and memory utilization on a Junos device? (Choose two.)

- A. show chassis routing-engine
- B. show chassis environment
- C. show system processes extensive
- D. show system resource-monitor summary

Answer: AC

NEW QUESTION 10

Exhibit:

```
user@router> show route table inet.0
inet.0: 8 destinations, 8 routes (8 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both
0.0.0.0/0          *[Static/5] 2d 05:30:15
                  > to 203.0.113.1 via ge-0/0/0
10.0.0.0/8         *[Static/5] 1d 10:20:30
                  > to 192.168.1.1 via ge-0/0/1
10.50.0.0/16       *[OSPF/10] 08:15:22
                  > to 192.168.1.10 via ge-0/0/1
10.50.10.0/24      *[BGP/170] 02:45:10
                  > to 192.168.1.20 via ge-0/0/2
```

Referring to the exhibit, which route will be selected for a packet destined to IP address 10.50.10.55?

- A. Route 0.0.0.0/0 will be selected using next hop 203.0.113.1 because the default route matches all destinations and has been active the longest.
- B. Route 10.50.0.0/16 will be selected using next hop 192.168.1.10 because OSPF has a better preference value than BGP.
- C. Route 10.50.10.0/24 will be selected using next hop 192.168.1.20 because it has the longest prefix match for the destination address.
- D. Route 10.0.0.0/8 will be selected using next hop 192.168.1.1 because it was learned from the static routing protocol which has the lowest preference value.

Answer: C

NEW QUESTION 10

You must view the forwarding table on your Junos device to troubleshoot a packet forwarding issue. In this scenario, which command would display the forwarding table?

- A. show route table
- B. show route forwarding-table
- C. show ip forwarding
- D. show forwarding-options

Answer: B

NEW QUESTION 13

What does the Junos CLI prompt indicate when it ends with a hash symbol (#)?

- A. The user is in operational mode.
- B. The user is in configuration mode.
- C. The user is in shell mode.
- D. The user is in recovery mode

Answer: B

NEW QUESTION 14

Which command is used to view real-time traffic statistics for all interfaces?

- A. show interfaces extensive
- B. monitor interface traffic
- C. monitor traffic interface all

D. show interfaces statistics

Answer: B

NEW QUESTION 18

Referring to the exhibit, which two statements about IPv6 routing are correct? (Choose two.)

Click the Exhibit button.

```
user@router> show route table inet6.0
inet6.0: 21 destinations, 21 routes (21 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both
2001:db8:22:101::/64
    *[Direct/0] 00:47:40
    > via ge-0/0/1.0
2001:db8:22:101::2/128
    *[Local/0] 00:47:40
    Local via ge-0/0/1.0
2001:db8:22:104::/64
    *[Direct/0] 00:47:40
    > via ge-0/0/2.0
2001:db8:22:104::2/128
    *[Local/0] 00:47:40
    Local via ge-0/0/2.0
2001:db8:22:105::/64
    *[Direct/0] 00:47:40
    > via ge-0/0/3.0
2001:db8:22:105::1/128
    *[Local/0] 00:47:40
    Local via ge-0/0/3.0
2001:db8:22:106::/64
    *[Direct/0] 00:47:40
    > via ge-0/0/5.0
2001:db8:22:106::1/128
    *[Local/0] 00:47:40
    Local via ge-0/0/5.0
2001:db8:22:108::/64
    *[Direct/0] 00:47:40
    > via ge-0/0/4.0
2001:db8:22:108::1/128
    *[Local/0] 00:47:40
    Local via ge-0/0/4.0
2001:db8:25:11::/64*[Direct/0] 00:54:43
    > via fxp0.0
2001:db8:25:11::11/128
    *[Local/0] 00:54:43
    Local via fxp0.0
2001:db8:168:1::11/128
    *[Direct/0] 00:54:43
    > via lo0.0
```

- A. The router is not learning IPv6 routes from peers.
- B. The router cannot forward traffic to remote IPv6 networks.
- C. Traffic destined for the 2001:db8:22:108::/64 network is forwarded using the ge-0/0/5.0 interface.
- D. The router is connected to the 2001:db8:22:107::/64 network.

Answer: AB

NEW QUESTION 21

According to HPE Juniper Networking, when should you use the replace pattern command instead of the rename command?

- A. You want to create a private candidate configuration.
- B. You want to disable a physical interface.
- C. You need to edit a single component name in the configuration.
- D. You want to globally replace all occurrences of a specific string.

Answer: D

NEW QUESTION 24

A network administrator must set up the initial configuration of the out-of-band management interface on a new Juniper router to ensure management traffic is isolated from the default routing table (inet.0). In this scenario, which configuration step is required to accomplish this task in Junos OS?

- A. Configure an IP address on interface ge-0/0/0.0 and enable ethernet-switching family.
- B. Configure the lo0.0 loopback interface with a management IP and apply it to the [edit system services] hierarchy.
- C. Assign an IP address to the me0.0 interface and set the routing-options to instance-type virtual-router.
- D. Assign an IP address to interface fxp0.0 or em0.0 and use the command set system management-instance to enable the management routing instance.

Answer: D

NEW QUESTION 28

Which two statements are true about the firewall filter configuration shown in the exhibit? (Choose two.)

```
[edit firewall]
user@router# show
family inet {
    filter mgmt_filt1 {
        term t1 {
            from {
                destination-port ssh;
            }
            then count c1;
        }
        term t2 {
            then accept;
        }
    }
}
[edit interfaces]
user@router# show
me0 {
    unit 0 {
        family inet {
            filter {
                mgmt_filt1;
            }
        }
    }
}
```

- A. It applies the filter to a physical interface.
- B. It counts the number of SSH packets that egress from the source SSH interface.
- C. It evaluates SSH packets egressing from the management interface.
- D. It sends filtered data to a syslog file.

Answer: AC

NEW QUESTION 30

Which routing table is used for IPv6 unicast routes by default?

- A. inet.0
- B. inet.6
- C. inet.1
- D. inet6.0

Answer: D

NEW QUESTION 32

You manage a Junos device with 20 interfaces. Each interface requires the same description and MTU setting. Which configuration approach would reduce repetitive commands and ensure consistency?

- A. Use the wildcard delete command to remove duplicate settings.

- B. Configure each interface individually.
- C. Use a configuration group.
- D. Use search and replace to apply settings across interfaces.

Answer: C

NEW QUESTION 34

What are two fiber-optic connector types? (Choose two.)

- A. LC
- B. RJ-45
- C. SC
- D. BNC

Answer: AC

NEW QUESTION 37

Which two statements are correct about logical units? (Choose two.)

- A. A physical interface can host multiple logical units.
- B. Logical units can have multiple IP addresses.
- C. Logical units are used only for management interfaces.
- D. A physical interface can host only one logical unit.

Answer: AB

NEW QUESTION 39

Which protocol provides secure remote CLI access to a Junos device?

- A. FTP
- B. SNMP
- C. Telnet
- D. SSH

Answer: D

NEW QUESTION 42

Which Junos tool should you use to identify the path that packets take through the network to a destination?

- A. monitor interface traffic
- B. traceroute
- C. SNMP
- D. ping

Answer: B

NEW QUESTION 44

Which protocol is used to discover the Layer 2 (MAC) address of a next hop for IPv6 hosts?

- A. DHCP
- B. ARP
- C. NDP
- D. DNS

Answer: C

NEW QUESTION 47

Which two statements describe the result when you enter ? at the command-line prompt? (Choose two.)

- A. It lists the available commands and options.
- B. It lists tips for the help menu.
- C. It displays help about a text string contained in a statement.
- D. It displays summary information about the commands and options.

Answer: AD

NEW QUESTION 52

After the factory default configuration is loaded, which configuration object must be created prior to the first commit?

- A. host name
- B. loopback IP address
- C. out-of-band connectivity
- D. root authentication

Answer: D

NEW QUESTION 53

Which two statements accurately describe the relationship between the routing table and the forwarding table on a Junos device? (Choose two.)

- A. The routing table resides in the data plane for fast lookups.
- B. The routing table selects the best route based on routing information.
- C. The forwarding table is built from the routing table.
- D. The routing table is built from the forwarding table.

Answer: BC

NEW QUESTION 56

Which interface type prefix represents a 10-Gigabit Ethernet interface?

- A. ge
- B. xe
- C. et
- D. fe

Answer: B

NEW QUESTION 58

Click the Exhibit button.

```
term limit-icmp {  
  from {  
    source-address {  
      172.25.11.0/24;  
    }  
    protocol icmp;  
  }  
  then {  
    count count-icmp;  
    discard;  
  }  
}
```

Referring to the exhibit, which two actions will occur when a packet matches the firewall filter? (Choose two.)

- A. A counter will be incremented.
- B. The packet will be discarded.
- C. The packet will be forwarded.
- D. An ICMP destination unreachable message will be returned.

Answer: AB

NEW QUESTION 62

Which two statements are correct about Junos OS? (Choose two.)

- A. Junos OS provides the ability to run unsigned third-party binaries.
- B. Junos OS provides modularization of software processes.
- C. Junos OS combines security and routing policies.
- D. Junos OS separates the control plane and the forwarding plane.

Answer: BD

NEW QUESTION 64

You are configuring a new router and want to ensure that you can recover from future misconfigurations. In this scenario, what should you do after completing the initial configuration?

- A. Update the firmware on the router.
- B. Save the configuration as rollback 0.
- C. Create a rescue configuration.
- D. Enable automatic rollback after 10 minutes.

Answer: C

NEW QUESTION 69

What are two characteristics of IPv6 addressing? (Choose two.)

- A. The IPv6 address is represented by a 128-bit address.
- B. The IPv6 header automatically includes a checksum.
- C. IPv6 uses ARP to discover neighboring devices.
- D. IPv6 addresses that begin with fe80 are not routable.

Answer: AD

NEW QUESTION 72

Which statement is correct when Router R1 receives a packet from User A destined for User B as shown in the exhibit?



- A. Router R1 replaces the destination IP address in the packet with the IP address of Router R2.
- B. Router R1 leaves the packet unchanged.
- C. Router R1 replaces the destination MAC address in the packet with the MAC address of Router R2.
- D. Router R1 replaces the destination MAC address in the packet with the MAC address of User B.

Answer: C

NEW QUESTION 75

You committed a new configuration on a Junos router, but users report connectivity issues. You must quickly restore the previous working configuration without manually editing the candidate configuration. Which command should you use to load the required configuration into the candidate configuration?

- A. rollback 0
- B. show | compare rollback
- C. rollback 1
- D. load override

Answer: C

NEW QUESTION 76

Which statement about class of service (CoS) in a network is correct?

- A. CoS encrypts traffic to secure data across the network.
- B. CoS prioritizes certain types of traffic during congestion.
- C. CoS assigns IP addresses dynamically to optimize routing.
- D. CoS prevents broadcast storms by segmenting VLANs.

Answer: B

NEW QUESTION 78

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