



Vendor: Juniper

Exam Code: JN0-102

Exam Name: Junos, Associate (JNCIA-Junos)

Version: Demo

QUESTION 1

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

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

Correct Answer: A

QUESTION 2

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

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

Correct Answer: B

QUESTION 3

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

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

Correct Answer: C

QUESTION 4

Which command prompt indicates that you are in operational mode?

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

Correct Answer: D

QUESTION 5

What is the decimal equivalent of 00000100?

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

Correct Answer: B

QUESTION 6

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

Correct Answer: C

QUESTION 7

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

Correct Answer: C

QUESTION 8

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.

Correct Answer: ABD

QUESTION 9

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

Correct Answer: C

QUESTION 10

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

Correct Answer: C

QUESTION 11

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

Correct Answer: A

QUESTION 12

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

Correct Answer: AC

QUESTION 13

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.

Correct Answer: AC

QUESTION 14

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.

Correct Answer: AD

QUESTION 15

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

Correct Answer: C

QUESTION 16

Which statement is correct regarding IPv6 addresses?

- A. An IPv6 address consists of 128 bits separated into eight 16-bit hexadecimal sections.
- B. An IPv6 address consists of 64 bits separated into four 16-bit hexadecimal sections.
- C. An IPv6 address consists of 128 bits separated into sixteen 8-bit hexadecimal sections.
- D. An IPv6 address consists of 64 bits separated into eight 8-bit hexadecimal sections.

Correct Answer: A

QUESTION 17

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.

Correct Answer: BD

QUESTION 18

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.

Correct Answer: AC

QUESTION 19

-- Exhibit --

```
user@router> show route protocol static
```

```
inet.0: 15 destinations, 15 routes (15 active, 0 holddown, 0 hidden)
```

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

```
99.0.0.0/17 *[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

Correct Answer: D

QUESTION 20

In dotted decimal notation, what is the equivalent of 11010101 01000010 01111111 11000010?

- A. 213.66.127.194
- B. 214.66.128.195
- C. 212.64.143.194
- D. 213.66.111.194

Correct Answer: A

QUESTION 21

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

Correct Answer: C

QUESTION 22

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

Correct Answer: C

QUESTION 23

What is the network address for the 10.13.147.100/19 host?

- A. 10.13.128.0
- B. 10.13.147.0
- C. 10.13.0.0
- D. 10.13.100.0

Correct Answer: A

QUESTION 24

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

Correct Answer: BD

QUESTION 25

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

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

Correct Answer: B

QUESTION 26

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.

Correct Answer: ABC

QUESTION 27

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.

Correct Answer: C

QUESTION 28

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.

Correct Answer: C

QUESTION 29

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.

Correct Answer: BC

QUESTION 30

Which statement describes the PFE?

- A. The PFE controls the RE by providing Layer 2 and Layer 3 forwarding tables.
- B. The PFE implements advanced services such as policing, stateless firewall filtering, and class of service.
- C. The PFE sends traffic to the RE for systematic packet forwarding.
- D. The PFE receives hardware and environmental status messages from the RE.

Correct Answer: B

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<u>200-120</u>	<u>200-101</u>	<u>220-802</u>	<u>N10-005</u>	<u>1Z0-052</u>	<u>VCP510</u>	<u>C2180-319</u>
<u>300-206</u>	<u>640-911</u>	<u>BR0-002</u>	<u>SG0-001</u>	<u>1Z0-053</u>	<u>VCP550</u>	<u>C4030-670</u>
<u>300-207</u>	<u>640-916</u>	<u>CAS-001</u>	<u>SG1-001</u>	<u>1Z0-060</u>	<u>VCAC510</u>	<u>C4040-221</u>
<u>300-208</u>	<u>640-864</u>	<u>CLO-001</u>	<u>SK0-003</u>	<u>1Z0-474</u>	<u>VCP5-DCV</u>	<u>RedHat</u>
<u>350-018</u>	<u>642-467</u>	<u>ISS-001</u>	<u>SY0-301</u>	<u>1Z0-482</u>	<u>VCP510PSE</u>	<u>EX200</u>
<u>352-001</u>	<u>642-813</u>	<u>JK0-010</u>	<u>SY0-401</u>	<u>1Z0-485</u>		<u>EX300</u>
<u>400-101</u>	<u>642-832</u>	<u>JK0-801</u>	<u>PK0-003</u>	<u>1Z0-580</u>		
<u>640-461</u>	<u>642-902</u>			<u>1Z0-820</u>		



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