Vendor: Juniper

Exam Code:JN0-690

Exam Name: Junos Troubleshooting

Version: Demo

QUESTION 1

What is the name of the routing protocol process on a Junos OS device?

A. chassisd

B. snmpd

C. rpd

D. cosd

Correct Answer: C

The Routing Process Deamon (RPD) handle Routing. COSD handle Class of service.

QUESTION 2

In the Junos OS, which type of file dumps the program\\'s environment in the form of memory pointers, instructions, and register data to a file in the event of a panic or other serious malfunction?

A. log file

B. backup file

C. configuration file

D. core file

Correct Answer: D

Junos will under a panic create a core-dump file, definitely not a backup file. > show system core-dumps /var/crash/*core*: No such file or directory /var/tmp/*core*: No such file or directory /var/tmp/pics/*core*: No such file or directory /var/crash/kernel.*: No such file or directory /tftpboot/corefiles/*core*: No such file or directory

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QUESTION 3

Click the Exhibit button.

-- Exhibit -user@R1> show pfe statistics traffic Packet Forwarding Engine traffic statistics: Input packets: 47593914461368 2 pps Output packets: 28805646 3 pps Packet Forwarding Engine local traffic statistics: Local packets input : 36278104324 Local packets output : 2 Software input control plane drops : 0 Software input high drops : 0 Software input medium drops : 0 Software input low drops : 0 Software output drops : 0 Hardware input drops : 191367536738 Packet Forwarding Engine local protocol statistics: HDLC keepalives : 0 ATM OAM : 0 Frame Relay LMI : 0 PPP LCP/NCP : 0 OSPF hello : 3883169 OSPF3 hello : 0 RSVP hello : 1440704 LDP hello : 4782297 BFD : 0 IS-IS IIH : 0 LACP : 0 ARP : 765512 ETHER OAM : 0 Unknown : 1897610 Packet Forwarding Engine hardware discard statistics: Timeout : 0 Truncated key : 0 Bits to test : 0 Data error : 0 Stack underflow : 0 Stack overflow : 0 Normal discard : 191367536738 Extended discard : 0 Invalid interface : 0 Info cell drops : 191367536738 Fabric drops : 191367536738 Packet Forwarding Engine Input IPv4 Header Checksum Error and Output MTU Error statistics: Input Checksum : 0 Output MTU : 0
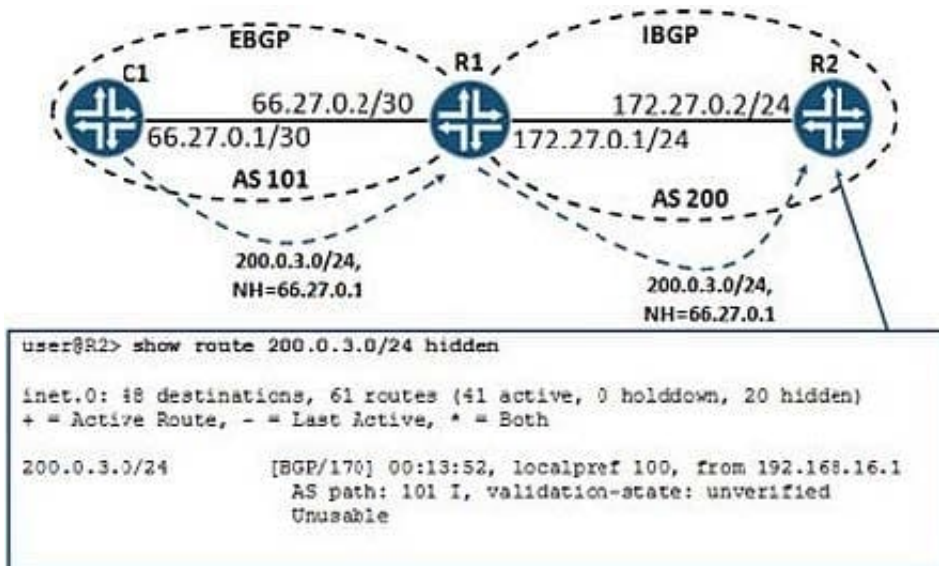
-- Exhibit -

Referring to the exhibit, which counter indicates a possible denial of service attack?

A. hardware input drops

B. normal discard

C. info cell drops

D. fabric drops

Correct Answer: A

QUESTION 4

Click the Exhibit button.


```
user@R2> show route 200.0.3.0/24 hidden

inet.0: 48 destinations, 61 routes (41 active, 0 holddown, 20 hidden)
+ = Active Route, - = Last Active, * = Both

200.0.3.0/24          [BGP/170] 00:13:52, localpref 100, from 192.168.16.1
                      AS path: 101 I, validation-state: unverified
                      Unusable
```

You recently added an EBGP neighbor to R1 and you are receiving a single BGP route for their internal network. You notice that on R2 the route learned from C1 is being marked as hidden because the next hop is unusable.

Referring to the exhibit, what should you do to resolve the problem?

A. Create a next-hop-self import policy on R2 and apply this policy to IBGP.

B. Create a next-hop-self export policy on R1 and apply this policy to IBGP.

C. Create a next-hop-self import policy on R1 and apply this policy to EBGP.

D. Create a next-hop-self import policy and apply this policy to IBGP.

Correct Answer: B

QUESTION 5

Click the Exhibit button. -- Exhibit -user@R1> show route 2.2.2.2

user@R1> show route forwarding-table destination 2.2.2.2

Routing table: default.inet Internet: Destination Type RtRef Next hop Type Index NhRef Netif 2.2.2.2/32 user 1 17.1.1.2 ucst 642 9 xe-1/1/0.0

-- Exhibit -

Referring to the exhibit, which statement is true about transit traffic sent to 2.2.2.2?

A. R1 will discard the packet.

B. R1 will forward the packet.

C. R1 will redirect the packet to the Routing Engine.

D. R1 will reject the packet.

Correct Answer: B

QUESTION 6

Click the Exhibit button.

-- Exhibit -user@R1> show configuration interfaces lo0

unit 5 {

family inet {

filter {

input JUNOS;

}

address 5.5.5.5/32;

}

}

user@R1> show configuration firewall family inet filter JUNOS term term1 { from {

protocol tcp;

port [telnet ftp ftp-data snmp ssh syslog http tacacs 64644 1024-65535]; } then {

log;

accept;

}

}

term default {

then {

discard;

}

}

-- Exhibit -

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

A. R1 will drop all traffic with destination address 5.5.5.5.

B. R1 will drop all OSPF packets.

C. R1 will drop all non-TCP transit traffic.

D. R1 will accept telnet traffic.

E. R1 will drop all BGP packets.

Correct Answer: BDE

QUESTION 7

Which two statements are true regarding BGP path MTU discovery? (Choose two.)

A. BGP path MTU discovery provides the most efficient use of link bandwidth.

B. BGP path MTU discovery alleviates fragmentation problems.

C. BGP path MTU discovery must be configured on every router along the path.

D. BGP path MTU discovery can be enabled only for IBGP sessions.

Correct Answer: AB

QUESTION 8

Click the Exhibit button.

-- Exhibit -May 20 22:27:04.010297 OSPF rcvd Hello 192.168.0.2 -> 224.0.0.5 (ge-1/1/2.0 IFL 343 area 0.0.0.0) May 20 22:27:04.010320 Version 2, length 44, ID 10.10.10.1, area 0.0.0.1 May 20 22:27:04.010342 checksum 0x166d, authtype 0 May 20 22:27:04.010365 mask 255.255.255.252, hello_ivl 10, opts 0x12, prio 128 May 20 22:27:04.010387 dead_ivl 40, DR 192.168.0.2, BDR 0.0.0.0 May 20 22:27:07.891698 OSPF periodic xmit from 192.168.0.1 to 224.0.0.5 (IFL 2684276180 area 0.0.0.0) May 20 22:27:12.749988 OSPF packet ignored: area mismatch (0.0.0.1) from 192.168.0.2 on intf ge- 1/1/2.0 area 0.0.0.0 May 20 22:27:12.750071 OSPF rcvd Hello 192.168.0.2 -> 224.0.0.5 (ge-1/1/2.0 IFL 343 area 0.0.0.0) May 20 22:27:12.750095 Version 2, length 44, ID 10.10.10.1, area 0.0.0.1 May 20

22:27:12.750116 checksum 0x166d, authtype 0 May 20 22:27:12.750139 mask 255.255.255.252, hello_ivl 10, opts 0x12, prio 128 May 20 22:27:12.750161 dead_ivl 40, DR 192.168.0.2, BDR 0.0.0.0 May 20 22:27:14.393182 OSPF rcvd Hello 192.168.0.2 -> 224.0.0.5 (ge-1/1/2.0 IFL 343 area 0.0.0.0) May 20 22:27:14.393262 Version 2, length 44, ID 10.10.10.1, area 0.0.0.0 May 20 22:27:14.393284 checksum 0x0, authtype 0 May 20 22:27:14.393307 mask 255.255.255.252, hello_ivl 50, opts 0x12, prio 128 May 20 22:27:14.393368 dead_ivl 200, DR 0.0.0.0, BDR 0.0.0.0 May 20 22:27:14.393399 OSPF packet ignored: our router ID received from 192.168.0.2 on intf ge- 1/1/2.0 area 0.0.0.0 -- Exhibit -

Referring to the exhibit, which two OSPF adjacency problems are present? (Choose two.)

A. hello interval mismatch

B. duplicate router ID

C. area type mismatch

D. area number mismatch

Correct Answer: BD

QUESTION 9

You have configured and successfully committed the configuration for nonstop active routing (NSR). Which command would you use to determine if NSR is operating correctly?

A. Use the show system synchronization command on the master and the backup Routing Engines.

B. Use the show task replication command only on the master Routing Engine.

C. Use the show task replication command on the master and the backup Routing Engines.

D. Use the show system synchronization command only on the master Routing Engine.

Correct Answer: C

QUESTION 10

Which process is responsible for managing interface devices on the system?

A. chassis daemon

B. device control daemon

C. routing protocol process

D. management daemon

Correct Answer: B

QUESTION 11

An interface on your Junos device reports a device-level flag of Loopback-detected. What is causing this flag to be reported?

A. The link-layer protocol failed to successfully connect with the remote endpoint.

B. The interface was administratively disabled.

C. The interface is in promiscuous mode and sees frames addressed to all physical addresses on the medium.

D. The interface link layer received its own frames.

Correct Answer: D

QUESTION 12

Click the Exhibit button.

-- Exhibit -user@router> show snmp statistics

SNMP statistics:

Input:

Packets: 246213, Bad versions: 12, Bad community names: 12, Bad community uses: 0, ASN parse errors: 0,

Too bigs: 0, No such names: 0, Bad values: 0,

Read onlys: 0, General errors: 0,

Total request varbinds: 227084, Total set varbinds: 67,

Get requests: 44942, Get nexts: 1 , Set requests: 10712, Get responses: 0, Traps: 0, Silent drops: 0, Proxy drops: 0, Commit pending drops: 0, Throttle drops: 0, V3 Input:

Unknown security models: 0, Invalid messages: 0

Unknown pdu handlers: 0, Unavailable contexts: 0

Unknown contexts: 0, Unsupported security levels: 0

Not in time windows: 0, Unknown user names: 0

Unknown engine ids: 0, Wrong digests: 0, Decryption errors: 0 Output:

Packets: 246093, Too bigs: 0, No such names: 0,

Bad values: 0, General errors: 0,

Get requests: 0, Get nexts: 0, Set requests: 0,

Get responses: 246025, Traps: 0

-- Exhibit -

A new SNMP session has recently been implemented on this router and is experiencing problems sending and

receiving SNMP information.

Referring to the exhibit, which two problems are indicated by the received messages from the NMS? (Choose two.)

A. unsupported SNMP community name

B. unknown SNMP community name

C. unsupported SNMP version indicated

D. invalid SNMP version indicated

Correct Answer: BC