Brocade

Exam 170-010

Brocade Certified vRouter Engineer

Verson: Demo

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Question No : 1

Your eth1 interface is connected to an ISP, but your user traffic is still not reaching the Internet. You suspect a problem with the DHCP lease.

vyatta@vyatta:~$ show dhcp client leases

interface : eth1

ip address : 192.168.128.11 [Active]

subnet mask : 255.255.255.0

router : 182.168.128.2

name server : 192.168.128.2

dhcp server : 192.168.128.2

lease time : 86400

last update : Wed Jun 19 00:06:00 GMT 2013

expiry : Thu Jun 20 00:06:00 GMT 2013

reason : BOUND

vyatta@vyatta:~$

Which line in the output shows the problem?

A. ip address : 192.168.128.11 [Active]
B. router : 182.168.128.2
C. lease time : 86400
D. reason : BOUND

Answer: B

Question No : 2

Which two elements are required in a source NAT rule? (Choose two.)

A. set source address <ip-addr>
B. set translation address [<ip-addr> | masquerade]

C. set protocol number
D. set outbound-interface <interface>

Answer: B,D

Which two steps are required to enable logging of NAT traffic? (Choose two.)

A. Enable logging of the NAT rule.
B. Enable logging of the NAT rulebase.
C. Ensure there is sufficient disk space for potential logged information.
D. Enable debug-level logging on the device.

Answer: A,C

Based on the output,

vyatta@VYA1:~$ show ip ospf database

OSPF Router with ID (172.24.42.51) (Process ID 0)

Router Link States (Area 0.0.0.0)

Link ID ADV Router Age Seq# CkSum Link count

172.24.42.51 172.24.42.51 167 0x80000008 0xa98e 3

172.24.42.52 172.24.42.52 166 0x80000006 0x21e7 3

172.24.42.53 172.24.42.53 6 0x8000000b 0x7854 3

172.24.42.54 172.24.42.54 7 0x80000003 0x1183 4

Net Link States (Area 0.0.0.0)

Link ID ADV Router Age Seq# CkSum

192.168.12.1 172.24.42.51 327 0x80000002 0x92e8

192.168.13.3 172.24.42.53 32 0x80000002 0x6d08

192.168.23.3 172.24.42.53 602 0x80000002 0x0d5d

192.168.160.3 172.24.42.53 10 0x80000003 0x3e9f

AS External Link States

Link ID ADV Router Age Seq# CkSum Route Tag

0.0.0.0 172.24.42.51 187 0x80000003 0x04a1 E2 0.0.0.0/0 254

which router is advertising the default route?

A. 172.24.42.51
B. 172.24.42.52
C. 172.24.42.53
D. 172.24.42.54

Answer: A

Question No : 5

What are three characteristics of TCP? (Choose three.)

A. connectionless
B. uses sequence numbers
C. uses a sliding window for flow control
D. no congestion control
E. retransmission of missing/bad segment

Answer: B,C,E

Question No : 6

Given the address 172.16.99.1 and a mask of 255.255.252.0, what is the subnet number?

A. /20

B. /22

C. /26

D. /38

Answer: B

Question No : 7

Your device is about to transmit a packet from host 10.1.1.1 to destination 172.16.22.33.

```
vyatta@VYA1:~$ show nat destination rules
Disabled rules are not shown
Codes: X - exclude rule

rule     intf                 translation
----     ----                 -----------
10       eth0                 daddr 1.2.3.4 to 172.24.42.99
         proto-tcp            dport 25

20       eth0                 daddr 1.2.3.4 to 172.24.42.101
         proto-udp            dport 53

vyatta@VYA1:~$ show nat source rules
Disabled rules are not shown
Codes: X - exclude rule, M - masquerade rule

rule     intf                 translation
----     ----                 -----------
M10      eth0                 saddr ANY to 172.24.42.51
         proto-all            sport ANY

30       eth0                 saddr ANY to 172.24.42.51
         proto-all            sport ANY
                              when daddr !172.16.0.0/16, dport ANY

40       eth0                 saddr 172.24.42.99 to 1.2.3.4
         proto-tcp            sport ANY
                              when daddr ANY, dport 25

vyatta@VYA1:~$
```
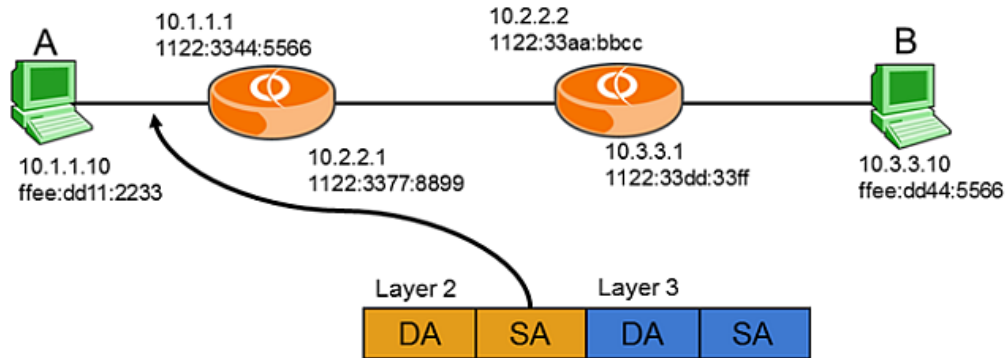
What will be the source address after the packet is transmitted?

A. 172.24.42.51

B. 1.2.3.4

C. 172.24.42.99

D. 10.1.1.1

Answer: D

Question No : 8

Data is being transmitted from host A to host B.

If you were to view a frame at the point indicated in the exhibit, what would the destination IP address be?

A. 10.1.1.1
B. 10.2.2.2
C. 10.3.3.1
D. 10.3.3.10

Answer: D

Question No : 9

vyatta@vyatta:~$ show dhcp server leases

IP address Hardware Address Lease expiration Pool Client Name

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10.224.7.40 00:04:f2:02:84:49 2013/06/22 17:46:20 ClientLAN

10.224.7.41 d4:be:d9:1b:ed:9e 2013/06/22 20:27:26 ClientLAN PC-HR-34

vyatta@vyatta:~$ show dhcp server statistics

pool pool size # leased # avail

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ClientLAN 11 2 9

vyatta@vyatta:~$

Based on the output shown, which statement is true?

A. The address lease interval is 24 hours.
B. 10.224.7.40 is the first address in the pool named Windows.
C. The pool named ClientLAN has 11 total addresses.
D. PC-HR-34 is connected directly to the vRouter.

Answer: C

Question No : 10

Which command will display the revision of software installed?

A. show entitlement
B. show system image
C. show revision
D. show version

Answer: D