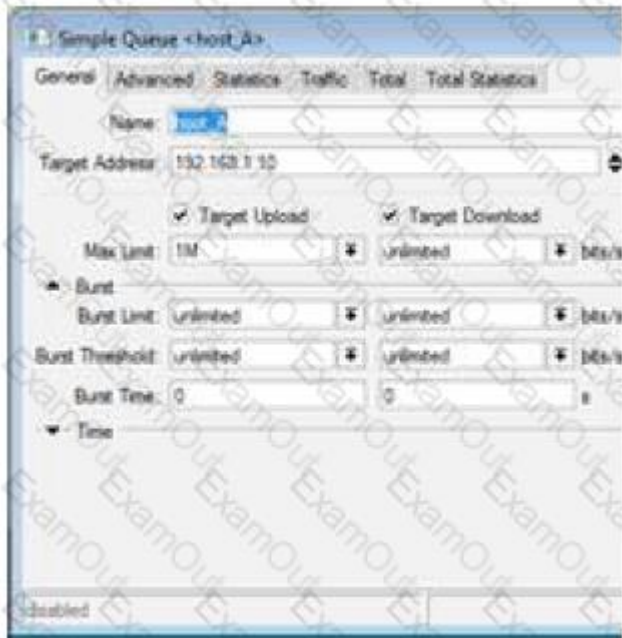


MikroTik Certified Network Associate

1. What does this simple queue do (check the image)?



- A. Queue guarantees upload data rate of one megabit per second for host 192.168.1.10
- B. Queue limits host 192.168.1.10 download data rate to one megabit per second.
- C. Queue limits host 192.168.1.10 upload data rate to one megabit per second.
- D. Queue guarantees download data rate of one megabit per second for host 192.168.1.10

Answer(s): C

2. You have a DHCP server on your MikroTik router. The IP addresses 10.1.2.2-10.2.2.20 are distributed in the DHCP network. Additionally, 3 static IP address are defined for your servers: 10.1.2.31-10.1.2.33.

After a while 20 more IP addresses need to be distributed in the network. It is possible to distribute the extra IP address without adding another DHCP Server:

- A. True
- B. False

Answer(s): B

3. What wireless card can we use to achieve 100 Mbps actual wireless throughput?

A. 802.11 b/g

B. 802.11 a/b/g

C. 802.11 a

D. 802.11 a/n

E. 802.11 a/b/g/n

Answer(s): A

4. Using wireless connect-list it's possible to prioritize connection to one Access Point over another Access Point by changing the order of the entries.

A. False

B. True

Answer(s): A

5. In a network with dozens of switches, how many root bridges would you have?

A. 1

B. 2

C. 5

D. 12

Answer(s): A

6. For a Simple Queue to apply a bandwidth restrictions on a bridged interface, following must be done:

A. Configure an IP address on the bridge interface

B. Use mangle to mark the connections

C. Associate the Simple Queue to the bridge interface

D. Enable 'Use IP Firewall' in bridge settings

Answer(s): B

7. What layer in the TCP/IP stack is equivalent to the Transport layer of the OSI model?

A. Application

B. Host-to-Host

C. Internet

D. Network Access

Answer(s): B

8. What protocols are used to configure trunking on a switch?

VLAN Trunking Protocol

VLAN

802.1Q

ISL

A. 1 and 2

B. 3 and 4

C. 1 only

D. 2 only

Answer(s): B

9. In which situations can Netinstall NOT be used to install a RouterBOARD?

- A. The router does not have an operating system
- B. The router is connected only to a wireless network
- C. You do not know the password of the router
- D. The router is connected only to a secondary Ethernet port

Answer(s): B D

10. Which of the following protocols uses both TCP and UDP?

- A. FTP
- B. SMTP
- C. Telnet
- D. DNS

Answer(s): D

11. Destination NAT (chain dstnat, action dst-nat) can be used to:

- A. Change destination port
- B. Direct users from the Internet to a server within your local network
- C. Change source port

D. Hide your local network from the Internet

Answer(s): A

12. In MikroTik RouterOS, Layer3 communication between 2 hosts can be achieved by using an address subnet of:

A. /31

B. /29

C. /32

D. /30

Answer(s): B C D

13. You want to use PCQ and allow 256k maximum download and upload for each client. Choose correct argument values for the required queue.

A. kind=pcq pcq-rate=256000 pcq-classifier=src-address

B. kind=pcq pcq-rate=1256000 pcq-classifier=dst-address

C. kind=pcq pcq-rate=256000 pcq-classifier=dst-address

D. kind=pcq pcq-rate=5000000 pcq-classifier=src-address

E. kind=pcq pcq-rate=5000000 pcq-classifier=dst-address

Answer(s): A C

14. What is the default protocol/port of (secure) winbox?

A. UDP/5678

B. TCP/22

C. TCP/8291

D. TCP/8080

Answer(s): C

15. Which computers would be able to communicate directly (without any routers involved):

A. 192.168.17.15/29 and 192.168.17.20/28

B. 10.5.5.1/24 and 10.5.5.100/25

C. 10.10.0.17/22 and 10.10.1.30/23

D. 192.168.0.5/26 and 192.168.0.100

Answer(s): B C

16. Which of the protocols below is used by Netinstall?

A. arp

B. bootp

C. dhcp

D. rarp

Answer(s): B

17. What is the correct action to be specified in the NAT rule to hide a private network when communicating to the outside world?

A. masquerade

B. allow

C. passthrough

D. tarpit

Answer(s): A

18. Mangle Routing (routing-mark) is possible, by using chains:

A. prerouting and output

B. forward and output

C. prerouting and forward

D. input and output

E. forward and postrouting

Answer(s): B

19. On the advanced menu of the wireless setup there is a parameter called "Area", it works directly with:

A. Connect List

B. Access List

C. None of these

D. Security Profile

Answer(s): A

20. You can not use OSPF and RIP routing protocols simultaneously on the RouterOS.

A. FALSE

B. TRUE

Answer(s): A
