Started on	Friday, 15 December 2023, 9:15 PM
State	Finished
Completed on	Friday, 15 December 2023, 9:25 PM
Time taken	10 mins 1 sec
Marks	4.00/5.00
Grade	**8.00** out of 10.00 (**80%**)

Question **1**

Complete

Mark 1.00 out of 1.00

Which item represents the standard IP ACL?

Select one:

○ a.

  Access-list 50 deny 192.168.1.1 0.0.0.255

○ b.

  Access-list 101 deny tcp any host 192.168.1.1

○ c.

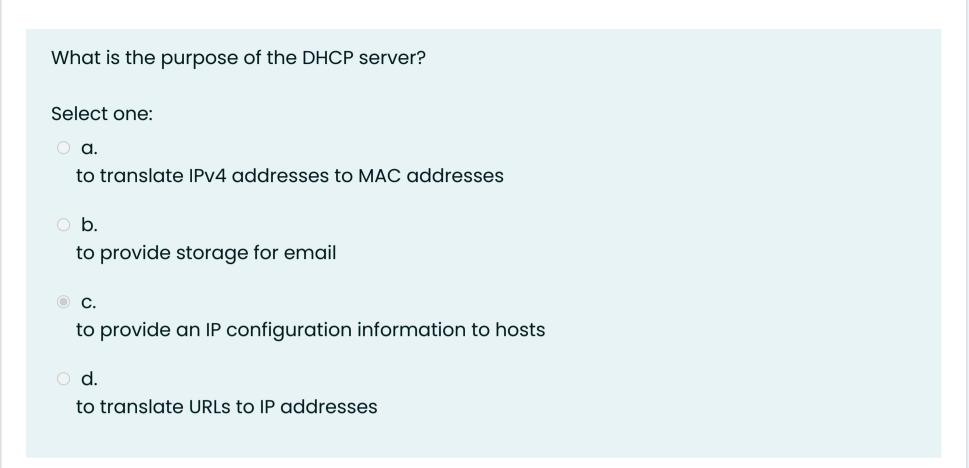 Access-list 2500 deny tcp any host 192.168.1.1 eq 22

○ d.

  Access-list 110 permit ip any any

The correct answer is:

Access-list 50 deny 192.168.1.1 0.0.0.255

Question **2**

Complete

Mark 1.00 out of 1.00

What is the purpose of the DHCP server?

Select one:

○ a.
to translate IPv4 addresses to MAC addresses

○ b.
to provide storage for email

◉ c.
to provide an IP configuration information to hosts

○ d.
to translate URLs to IP addresses

The correct answer is:
to provide an IP configuration information to hosts

Question 3

Complete

Mark 0.00 out of 1.00

Which set of commands will configure a router as a DHCP server that will assign IPv4 addresses to the **192.168.100.0/23** LAN while **reserving the first 10 and the last addresses for static assignment**?

Select one:

○ a.

dhcp pool LAN-POOL-100

ip dhcp excluded-address 192.168.100.1 192.168.100.9

ip dhcp excluded-address 192.168.100.254

network 192.168.100.0 255.255.254.0

default-router 192.168.101.1

◉ b.

ip dhcp excluded-address 192.168.100.1 192.168.100.10

ip dhcp excluded-address 192.168.100.254

ip dhcp pool LAN-POOL-100

network 192.168.100.0 255.255.255.0

ip default-gateway 192.168.100.1

○ c.

ip dhcp excluded-address 192.168.100.1 192.168.100.10

ip dhcp excluded-address 192.168.101.254

ip dhcp pool LAN-POOL-100

network 192.168.100.0 255.255.254.0

default-router 192.168.100.1

○ d.

ip dhcp excluded-address 192.168.100.1 192.168.100.9

ip dhcp excluded-address 192.168.101.254

ip dhcp pool LAN-POOL-100

ip network 192.168.100.0 255.255.254.0

ip default-gateway 192.168.100.1

The correct answer is:

ip dhcp excluded-address 192.168.100.1 192.168.100.10

ip dhcp excluded-address 192.168.101.254

ip dhcp pool LAN-POOL-100

network 192.168.100.0 255.255.254.0

default-router 192.168.100.1

Question **4**

Complete

Mark 1.00 out of 1.00

Prevent all Private IP Addresses from accessing the Internet from all Client networks.

Refer to the exhibit, With A, B, C, and D of ACL 10 have been entered in the shown order and applied to ISP Router. The interfaces are Serial 0/0/0, Se0/0/1, Se0/1/0. Network Order will be followed as same Class type.

A. ISP(config)#access-list 10 deny 172.16.0.0 0.15.255.255
B. ISP(config)#access-list 10 permit any
C. ISP(config)#access-list 10 deny 192.168.0.0 0.0.255.255
D. ISP(config)#access-list 10 deny 10.0.0.0 0.255.255.255

How can the ACL statements be re-arranged so that the system works as intended?

Select one:

○ a.
  ABCD

◉ b.
  DACB

○ c.
  BACD

○ d.
  CDAB

The correct answer is:
DACB

Question 5

Complete

Mark 1.00 out of 1.00

A DHCP-enabled client PC has just booted. During which two steps will the client PC use broadcast messages when communicating with a DHCP server? (Choose two.)

Select one or more:

☐ a.
DHCPOFFER

☑ b.
DHCPDISCOVER

☑ c.
DHCPREQUEST

☐ d.
DHCPACK

☐ e.
DHCPNAK

The correct answers are:
DHCPDISCOVER ,

DHCPREQUEST

PREVIOUS ACTIVITY

◄ Quiz-NAT & Routing

Jump to... ⬍

NEXT ACTIVITY

Lab Final ▶

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📁 Data retention summary