

✔ Congratulations! You passed!

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1. A company moves a popular website to a new web host. Which of the following will change as a result?

1 / 1 point

- ☒ Internet Protocol (IP)
- ☐ Domain name
- ☐ Root name server
- ☐ Network service

✔ Correct

2. How many root name servers are there?

1 / 1 point

- ☒ 13
- ☐ 100
- ☐ 24
- ☐ 5

✔ Correct

3. What is the biggest difference between TCP and UDP?

1 / 1 point

- ☒ UDP is connectionless
- ☐ TCP requires less overhead for DNS.
- ☐ More traffic can be transmitted using UDP.
- ☐ TCP is connectionless.

✔ Correct

4. A video conferencing application isn't working due to a Domain Name System (DNS) port error. Which resource record requires modification to fix the issue?

1 / 1 point

- ☐ Canonical name (CNAME)
- ☐ Host (A)
- ☐ Text (TXT)
- ☒ Service record (SRV)

✔ Correct

5. Which portion of a domain is known as the "www" portion?

1 / 1 point

- ☐ The DNS Resolver
- ☒ The subdomain
- ☐ The Dynamic Host Configuration Protocol (DHCP)
- ☐ The Top Level Domain (TLD) name

✔ Correct

6. Along with an IP address, a subnet mask, and a name server, which of the following is the other thing required for a computer to operate on a network?

1 / 1 point

- ☒ A gateway
- ☐ A FQDN
- ☐ A proxy
- ☐ A NTP server

✔ Correct

7. Fill in the blank: When NAT hides the source IP of an originating device, this is known as ____.

1 / 1 point

- ☐ Routing
- ☐ Port Forwarding
- ☒ Masquerading
- ☐ Switching

✔ Correct

8. What NAT technique allows for complete IP masquerading, while still having services that can respond to incoming traffic?

1 / 1 point

- ☒ Port forwarding

- ☐ Preservation
- ☐ Rewriting
- ☐ One-to-many

 **Correct**

9. Fill in the blank: Most VPNs work by using the payload section of the _____ layer to carry an encrypted payload that contains an entire second set of packets.

1 / 1 point

- ☐ application
- ☒ transport
- ☐ network
- ☐ presentation

 **Correct**

10. Fill in the blank: A service that appears to external clients as a single server, but actually represents many servers behind it, is known as a _____.

1 / 1 point

- ☐ port preservation
- ☐ multiplexer
- ☐ VPN
- ☒ reverse proxy

 **Correct**