

Which type of record is used to point to an IPv6 address? **multiple choice, shuffle**

1 / 1 point

- ☐ Type A
- ☒ Quad A
- ☐ MX
- ☐ TXT

☒ **Correct**

2. Fill in the blank: A technique is used to balance traffic by iterating a list of items one by one from is known as _____. **multiple choice, shuffle**

1 / 1 point

- ☒ Round Robin
- ☐ Recursion
- ☐ Authoritative lookup
- ☐ Multiplexing

☒ **Correct**

3. Fill in the blank: A technique is used to balance traffic by iterating a list of items one by one from is known as _____. **multiple choice, shuffle**

1 / 1 point

- ☒ Round Robin
- ☐ Recursion
- ☐ Authoritative lookup
- ☐ Multiplexing

☒ **Correct**

4. Fill in the blank: Along with an IP address, a subnet mask, and a name server, the other thing required for a computer to operate on a network is a _____.
multiple choice, shuffle 1 / 1 point

- ☐ Proxy
- ☒ Gateway
- ☐ NTP server
- ☐ FQDN

☒ **Correct**

5. Fill in the blank: The final step of the DHCP Discovery process is known as _____.
multiple choice, shuffle 1 / 1 point

- ☒ DHCPACK
- ☐ DHCPOFFER
- ☐ DHCPDISCOVER
- ☐ DHCPREQUEST

☒ **Correct**

6. Fill in the blank: When NAT hides the source IP of an originating device, this is known as _____.
multiple choice, shuffle 1 / 1 point

- ☐ Port Forwarding
- ☐ Routing
- ☐ Switching
- ☒ IP masquerading.

☒ **Correct**

7. Fill in the blank: When NAT hides the source IP of an originating device, this is known as _____. multiple choice, shuffle 1 / 1 point
- ☐ Port Forwarding
 - ☐ Routing
 - ☐ Switching
 - ☒ IP masquerading.
- ☒ Correct
8. At the very lowest level, what data does a computer understand? multiple choice, shuffle 1 / 1 point
- ☒ Binary numbers
 - ☐ Hexadecimal digits
 - ☐ IP (Internet Protocol) addresses
 - ☐ Media Access Control (MAC) addresses
- ☒ Correct
9. Which type of Domain Name System (DNS) server performs a full name resolution request? multiple choice, shuffle 1 / 1 point
- ☐ Root name server
 - ☐ Authoritative name server
 - ☒ Recursive name server
 - ☐ Caching name server
- ☒ Correct

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

1 / 1 point

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

☒ Correct