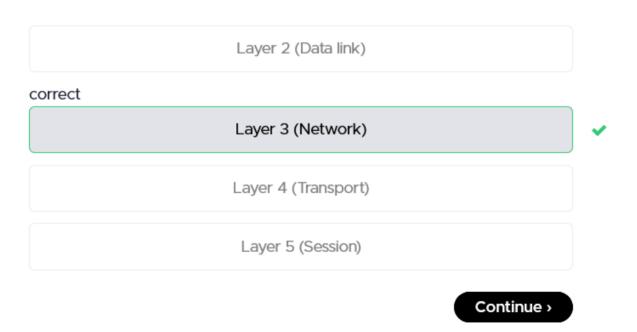
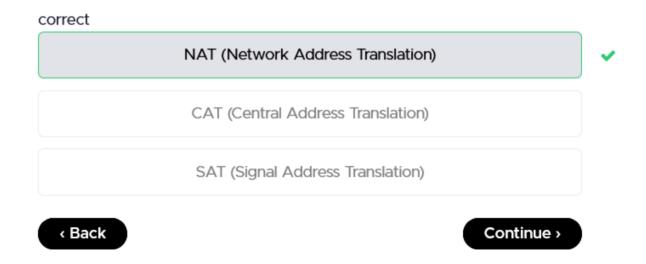
Which layer of the OSI model do IP addresses use?

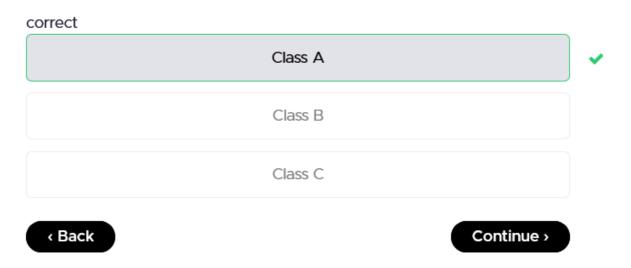


Which technology prevents us from running out of IPv4 addresses?



3 / 15

Which class of network is 10.0.0.0?

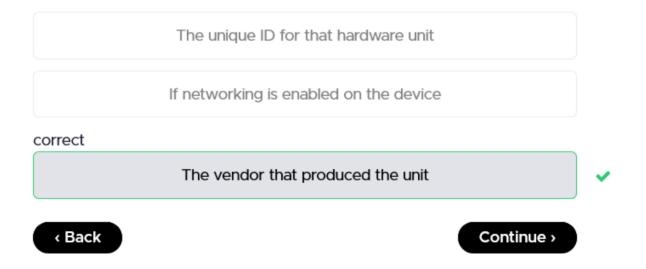


4 / 15

Which layer of the OSI model do Media Access Control (MAC) addresses use?



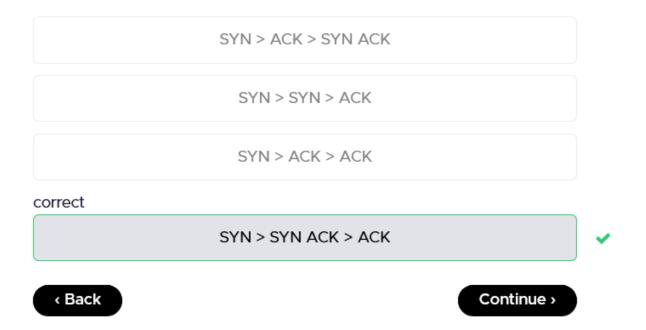
The first six hexadecimal digits of a mac address tell you...



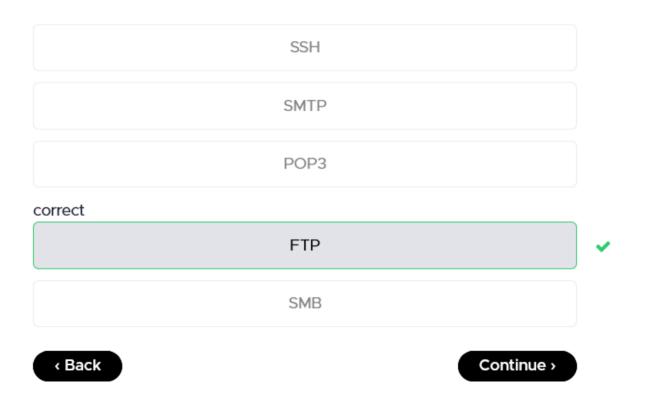
Which protocol is connectionless?



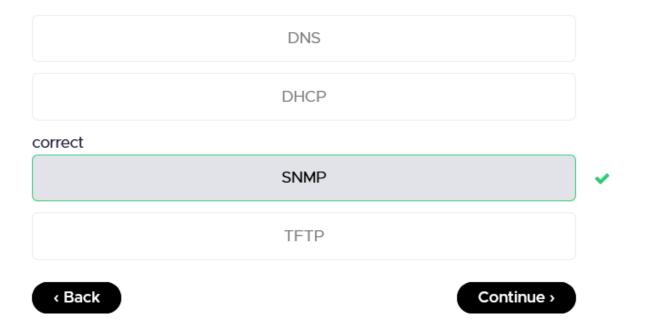
Which of the following demonstrates the three-way handshake?



Which TCP protocol is commonly found on port 21?



Which UDP protocol is commonly found on port 161?



If your router is both layer 2 and 3, which two functions it performing?

Session management	
correct	
Switching	•
correct	
Routing	•
Transportation	
< Back Contin	ue ›

What is the correct order for the OSI model?

physical, network, transport, session, data, presentation, application

physical, data, network, transport, session, application, presentation

physical, data, transport, network, session, presentation, application

correct

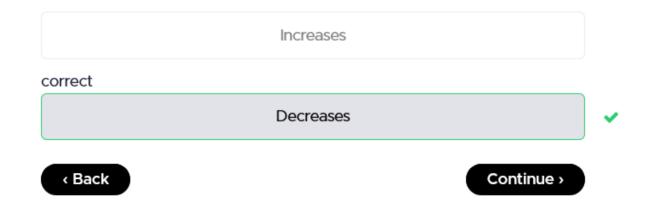
physical, data, network, transport, session, presentation, application



< Back

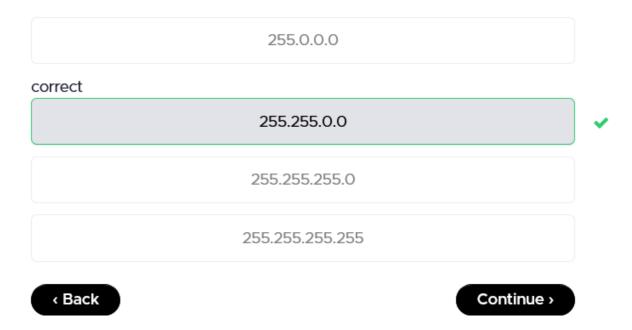
Continue >

As the CIDR number increases (e.g. from /24 to /25), the number of hosts in a subnet...

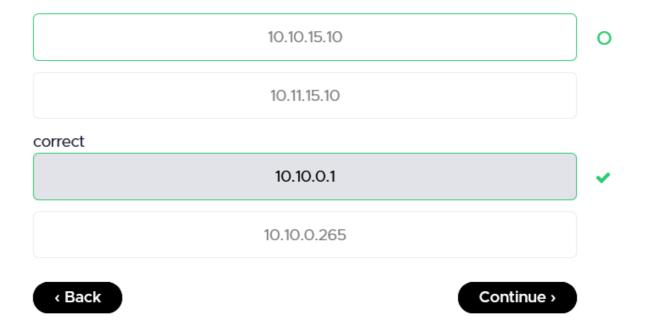


13 / 15

The subnet mask for /16 is...



Which IP addresses are valid the subnet of 10.10.0.0/16? (multiple choice)



Which two addresses would be typically reserved (i.e. not assignable to hosts) in the IP range 192.168.0.1/24? (multiple choice)

