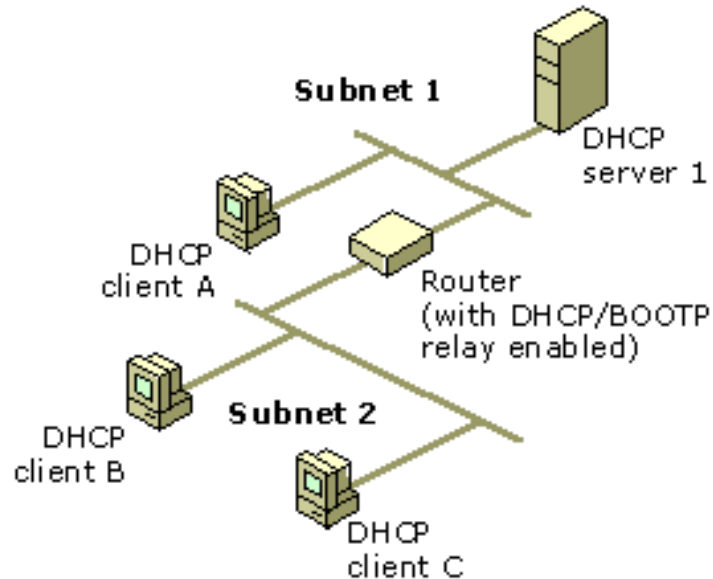
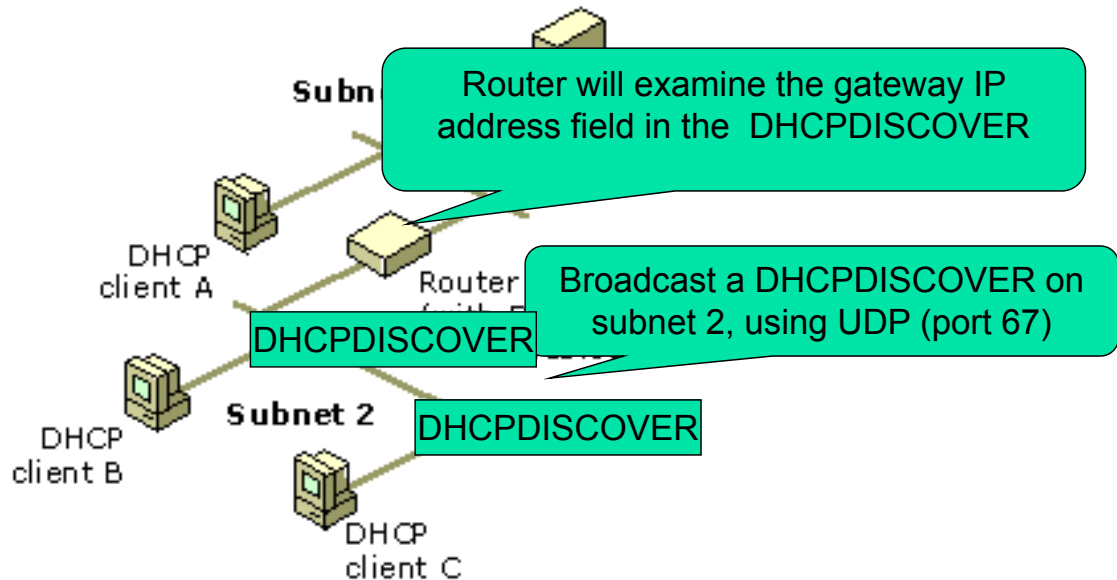


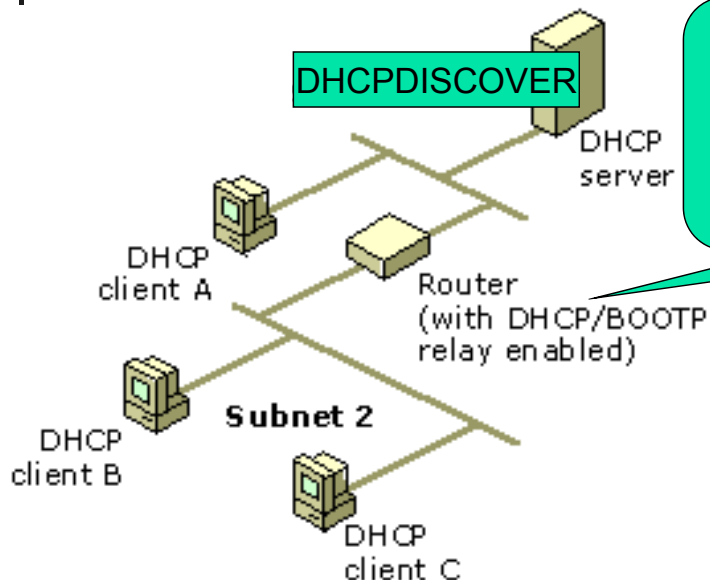
# How DHCP Relay works: Sample network



# How DHCP Relay works: phase 1(1)

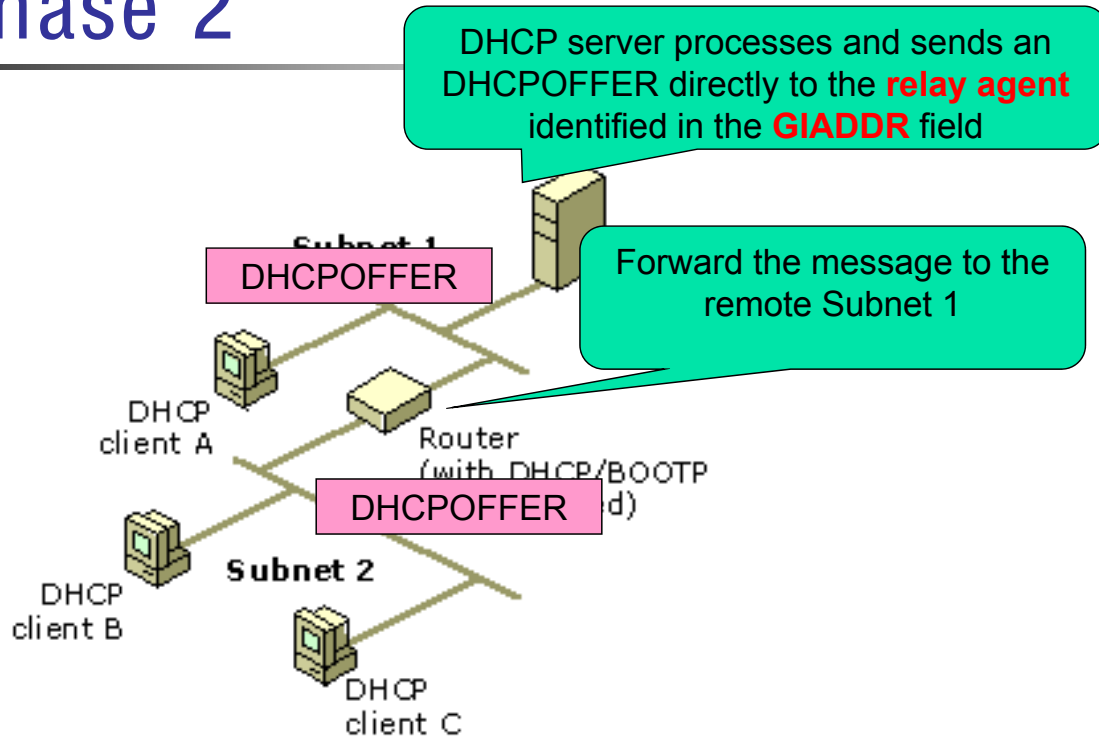


# How DHCP Relay works: phase 1(2)

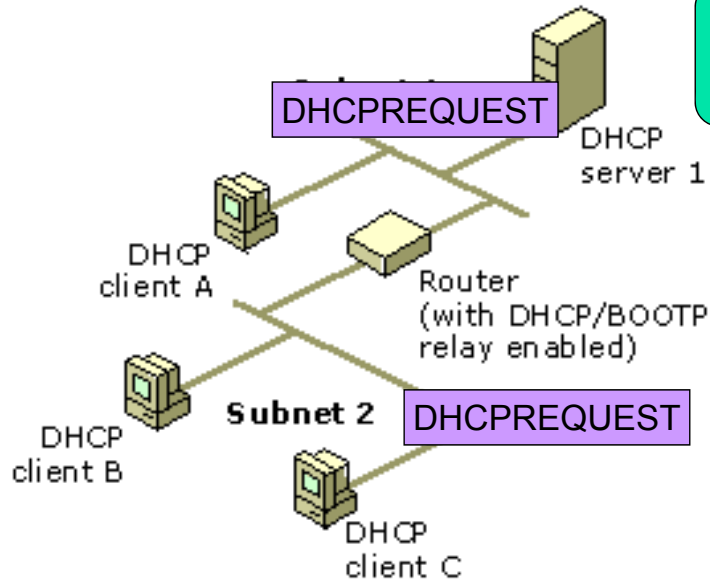


If the field has an IP address of 0.0.0.0, agent fills it with the relay agent or router's IP address, then forwards the message to the remote Subnet 1

# How DHCP Relay works: phase 2

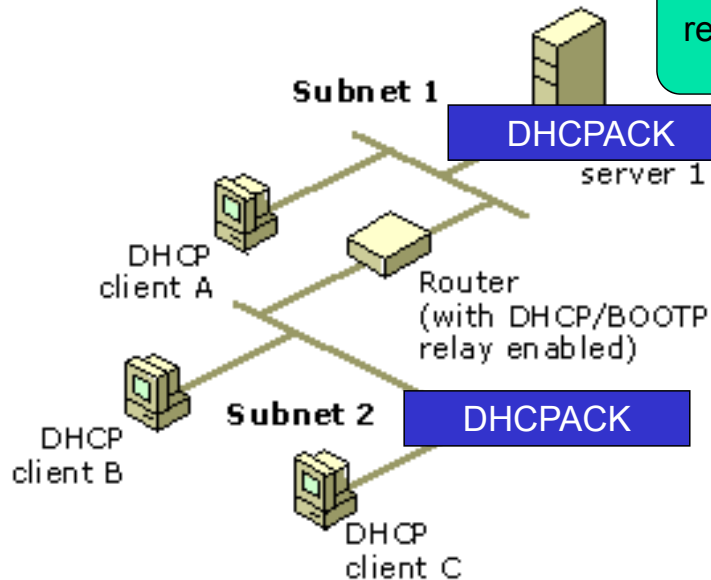


# How DHCP Relay works: phase 3



A DHCPREQUEST message is relayed from client to server

# How DHCP Relay works: phase 4



A DHCPACK message is relayed from server to client