**Challenge Lab 5-1 & Case Project 5-1**

**Challenge Lab 5-1**

1. Ipconfig/release, ipconfig/renew
2. Udp
3. DHCP Release, DHCP Offer, DHCP Offer, DHCP Offer
4. Source Port: 68; Destination Port: 67
5. Source: 10.251.14.211 Destination: 10.254.2.251

Source: 10.251.6.253 Destination: 255.255.255.255

**Case** **Project 5-1**

Hello,

I need to know the IP configuration of your computer in order to further assist you, please do the following:

* Go to Start
* Then All Programs
* Click on Accessories
* Click Command Prompt
* Now type “ipconfig”
* Write down the ip address and subnet mask that the prompt gives you

Based on the IP address and subnet mask provided, I can conclude that the ip address is self-assigned, which is why the computer cannot reach the DHCP serve. The serve automatically assigns IP addresses. To solve the problem, restart the computer as a first solution. If problem continues, I would either restart DHCP serve or manually assign the ip address within the subnet mask.