**Tech Challenge #1**

**Build Your First Server**

1. First of all, if you are a Mac user, install Microsoft Remote Desktop from the App Store.
2. Log in to Azure at portal.azure.com with your Temple AccessNet account/password.
3. Create a resource group and name it “MIS5122”.
4. Create a new virtual machine with these settings:
   1. The server should be a “Windows Server 2012 R2 Data Center”
   2. Deployment model should be “Resource Manager”
   3. Name your VM as your TU AccessNet account with “-DC1” appended to it.
   4. Username as your TU AccessNet account
   5. Password set to “Password1234”
   6. Ensure Disk Type is “HDD”
   7. Set the Resource group to the one you made in step 3
   8. For size, choose option of 1 core and 1.75 GB
   9. Accept default settings
   10. Press OK to have the VM created (may take 10-15 minutes to create)
5. Login to your VM to check if it is working
6. Give your VM a static IP address with a host address of 10 (i.e. 10.0.0.10) and then restart your VM.
7. Set up your DNS servers:
   1. Set primary DNS server to the static IP you set in the previous step
   2. Set secondary DNS server to the Azure DNS server (HINT: you can find this by doing “ipconfig /all” in the cmd prompt on your VM)
   3. Restart you VM
8. Go to a command prompt and execute “ipconfig /all” Be sure to show all of the required ip address and dns info.
9. Take a screenshot and paste below:
10. **Always make sure to shut down your VM when you are not using it.**