* **Challenges - Network Interfaces**
* List the IP address, the Default Gateway, the Mac Address and the DNS Servers.
* Use both **ifconfig** and **ip** commands.
* Using **ifconfig**, disable the Ethernet interface.
* Using **ip,** enable the Ethernet interface.
* Check its status both with **ifconfig** and**ip**.
* Set a new temporary IP address using both **ip** and **ifconfig**.
* Using **ifconfig**, set a secondary IP address on the Ethernet interface.
* Change the MAC address to a random one.
* Start 2 Linux VMs and check that they are reachable using **ping**.
* Install OpenSSH on one Linux VM, check the service status, and then connect to it using the **ssh** client from the other Linux VM.
* Secure the SSH Daemon:
  + change the listening Port to **2266**
* Create a directory and a file in the user’s home directory.
* Using **scp**, copy both the file and the directory to the remote Linux VM where the SSH daemon is running.
* Using **scp**, copy a file from the remote VM where the SSH daemon is running to the local machine, in the current directory.
* Solve the last 2 challenges using **rsync** instead of **scp**.