Module Networking

How to Start Module:

- Before starting the module, Run the <module_script_name> to configure the environment and then <module_script_name> to verify you have done the work correctlyß

- There is no Pre-Configured Script for this module.

    1. Open a Terminal Window

    2. Clone the GitHub repo (If you have already downloaded Github Repo, skip sStep2) (https://github.com/milodigwe/Linux_Essentials_m2itech)

        - From the command line type:

          git clone https://github.com/milodigwe/Linux_Essentials_m2itech

    3. Once repository is cloned, Navigate to the Hands_On Folder and find the script named: **networking.sh**

    4. Run the networking.sh script: This will configure the environment for the hands-on module

        - **sh ./networking.sh**

        - The script will ask you for your public IP of your instance (which you can find in your aws console) and your key_pair (which you downloaded and assigned to instance during the ec2 creation process) to log into your instance.

    5. Once the script is finished it will provide you with an output on how to log into the system.

        - Should look like: ssh -i <path to key pair> ec2-user@<ip address>

    6. Once logged in to the instance, Perform the required tasks below.

7. To verify that you have performed the task correctly. You will need to run the **networking_check.sh** script located in /home/ec2-user directory.

    - **sh ./networking_check.sh**

8. You must score a 100% to pass this module.

    - Please Note * Terminate or Stop your instance when not using it.

HAPPY LEARNING!!!

Questions:

Note. These files will need to be created.

Try to out the finds in one command if not you can write it.
Lab 1: There is a file inside of the Module Networking folder. Secure Copy the main.txt file to the /home/ec2-user/defaults directory.

Lab2: SSH into your EC2 Instance

Lab 3: Display your ip address and it into /home/ec2-user/ip_txt file.

Lab 4: Display the network interface name that your IP address is using and enter the name in /home/ec2-user/interface_name.txt

Lab 5: Try pinging google.com Do you get response?

Once Complete, Run the check script outlined in Step5 in the Pre-Check Section

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