

Module Viewing Files

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 correctly
 1. Open a Terminal Window
 2. Clone the GitHub repo (If you have already downloaded Github Repo, skip Step2) (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: **viewing_files.sh**
 4. Run the navigating_and_working_the_file_system.sh script: This will configure the environment for the hands-on module
 - **sh ./viewing_files.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 **viewing_files_check.sh** script located in /home/ec2-user directory.
 - **viewing_files_check.sh** You must score a 100% to pass this module.
 8. Please Note * Terminate or Stop your instance when not using it.

HAPPY LEARNING!!!

Questions:

Lab 1: Displaying Entire File Contents (cat)

Task: Use the cat command to display the entire contents of a file named "/usr/share/dict/linux.words" on the terminal.

Lab 2: Viewing Text Files Page by Page (more)

Task: Use the more command to view the contents of a text file named "services" in /etc/ page by page.

Lab 3: Viewing Text Files with Scrolling Capability (less)

Task: Use the less command to view the contents of a text file named "words" in /usr/share/dict/ with scrolling capability. Use the Spacebar to Tab through the file.

Lab 4: Text Editing Files (vi)

Task: Create a text file named "notes.txt" for editing using the vi text editor. Add some sample text and save the changes. Place notes.txt file inside the "results" directory in your home directory /home/ec2-user.

Lab 5: Viewing Files in Read-Only Mode (view)

Task: Use the view command to open a read-only view of a text file named "notes.txt".

Lab 6: Searching for Files (find)

Task: Use the find command to search for the file called tty and shred in /usr/bin directory. Copy the file found to the /home/ec2-user/results directory. **Note You can do this running find command twice

Lab 7: Create Archival (tar)

Task: Use the tar command to create an archive of the /home/ec2-user/redhat directory. Name the archive file redhat.tar.gz and place this file inside of the results in your home directory

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