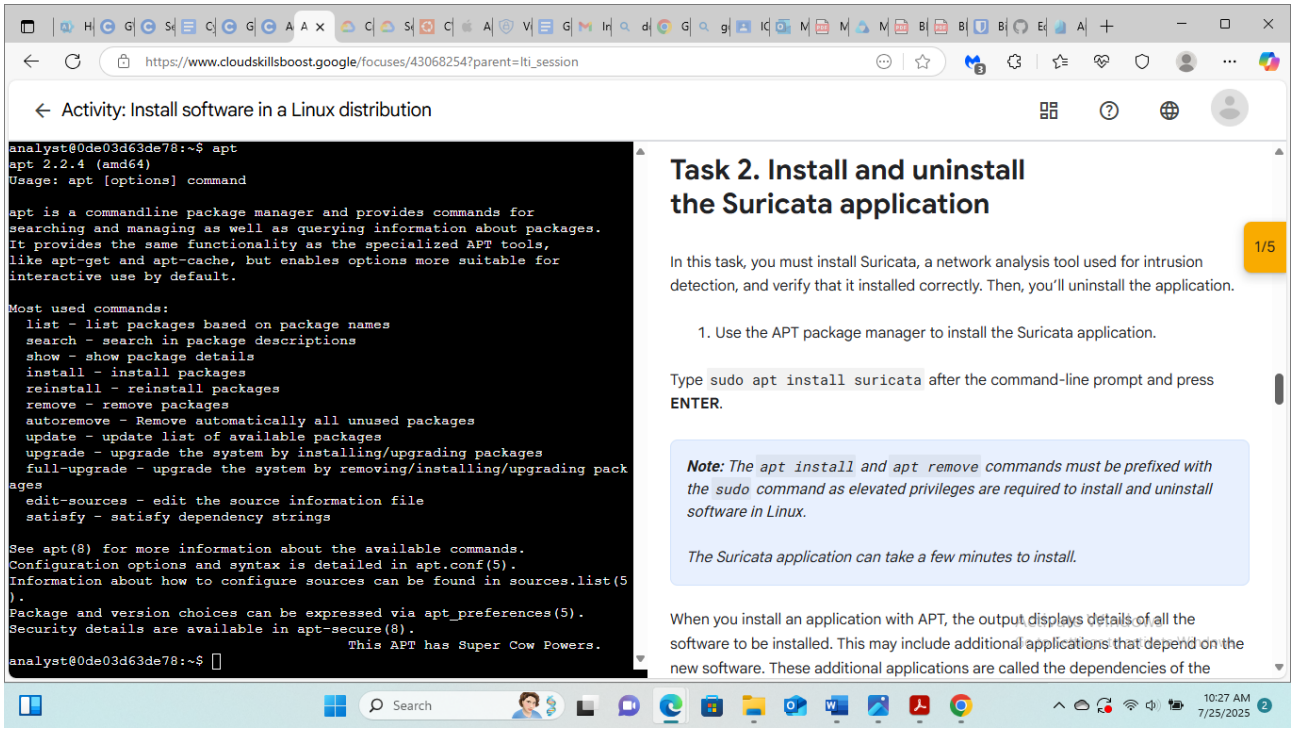
Linux Lab Report - Google Cybersecurity Certification

Step 1: Introduction & Lab Goals

This lab focuses on using APT (Advanced Package Tool) to manage software on a Linux distribution. You will confirm the presence of APT, install and uninstall Suricata, install tcpdump, list all installed applications, and then reinstall Suricata.



Step 2: Confirm APT is Installed

Used the command `apt` to verify that the APT package manager is installed.

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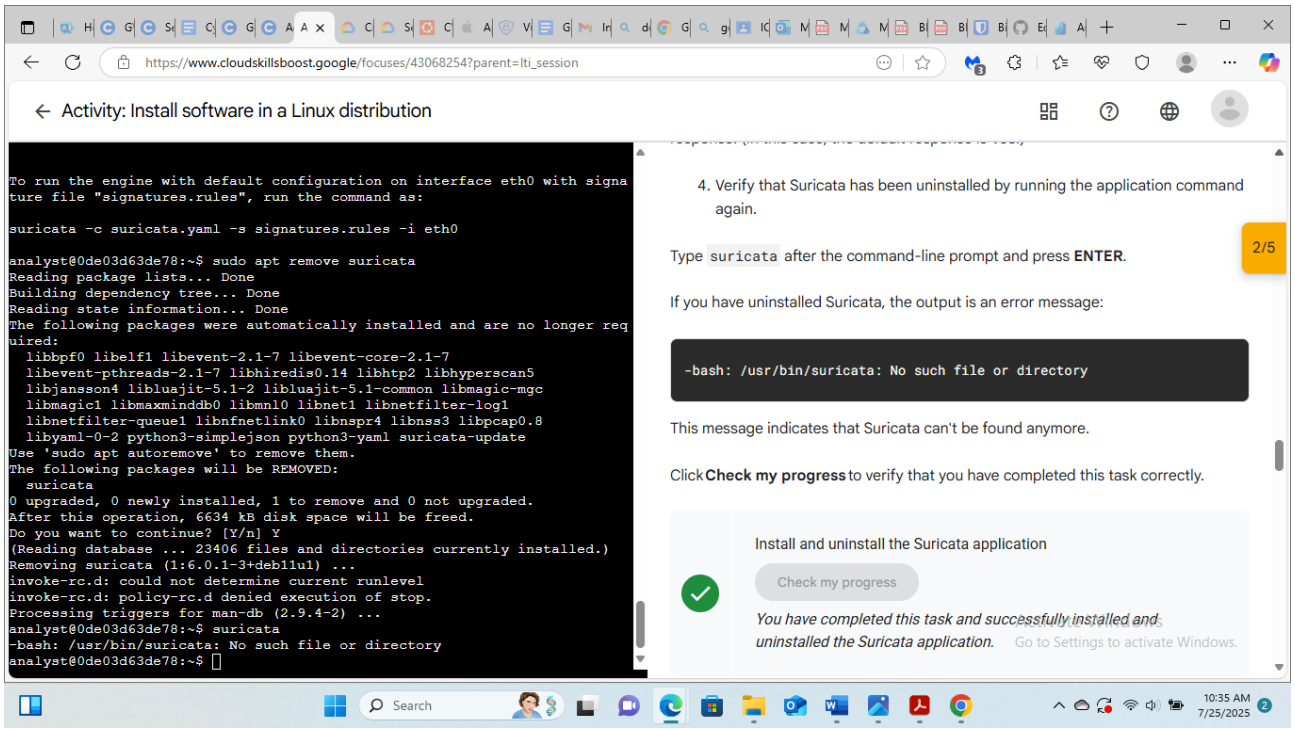
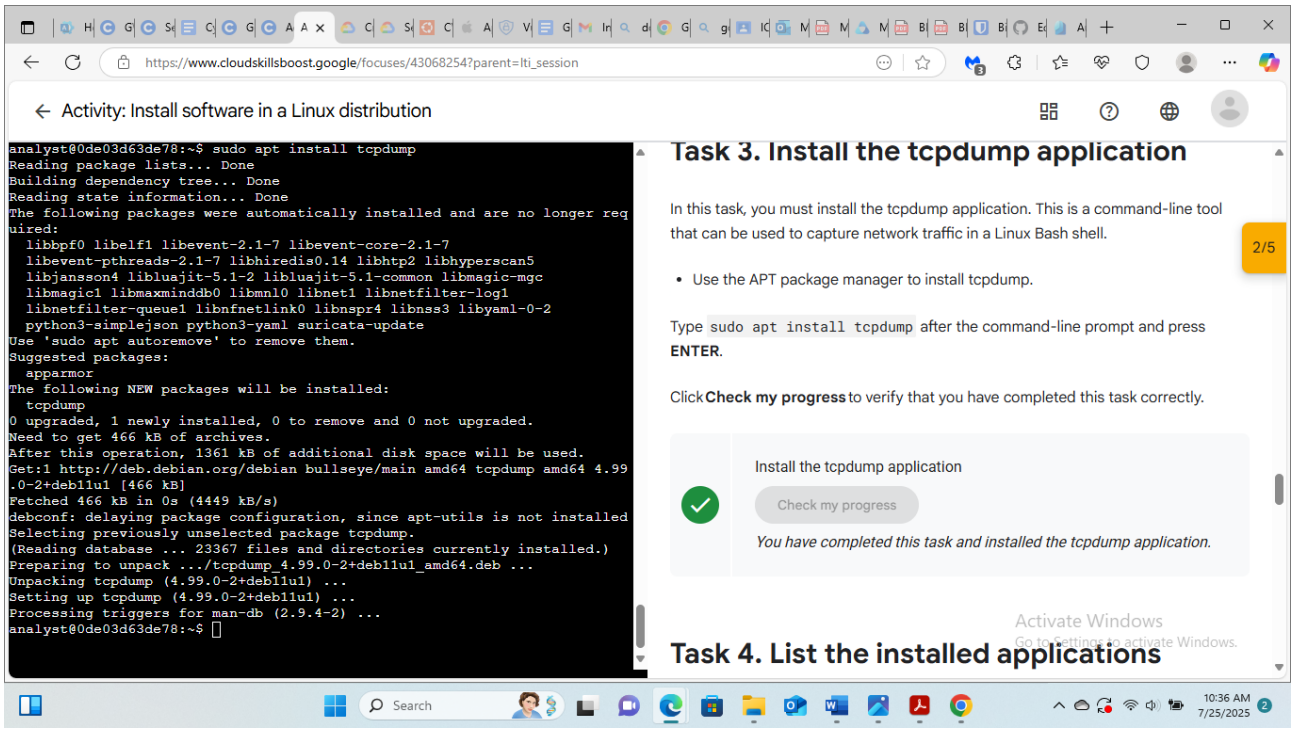


Step 3: Install Suricata

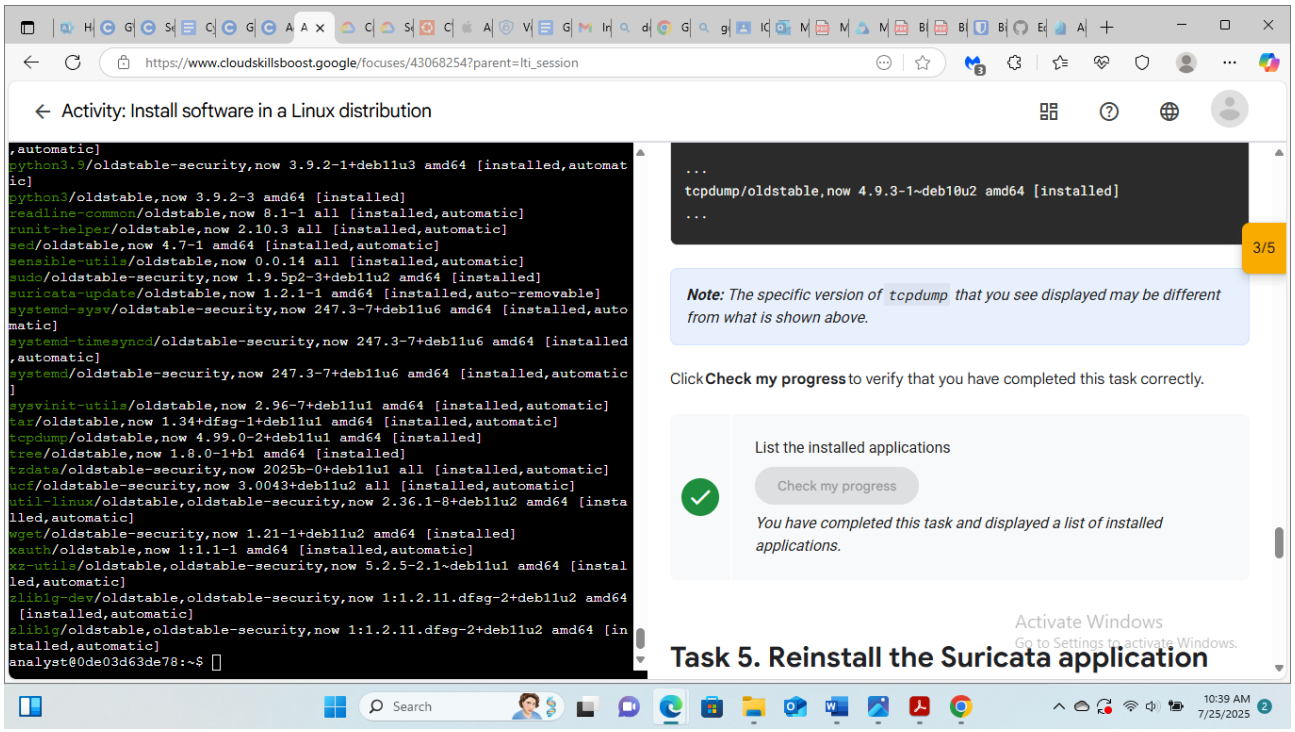
Executed `sudo apt install suricata` to install Suricata, a network intrusion detection tool.



Step 4: Uninstall Suricata

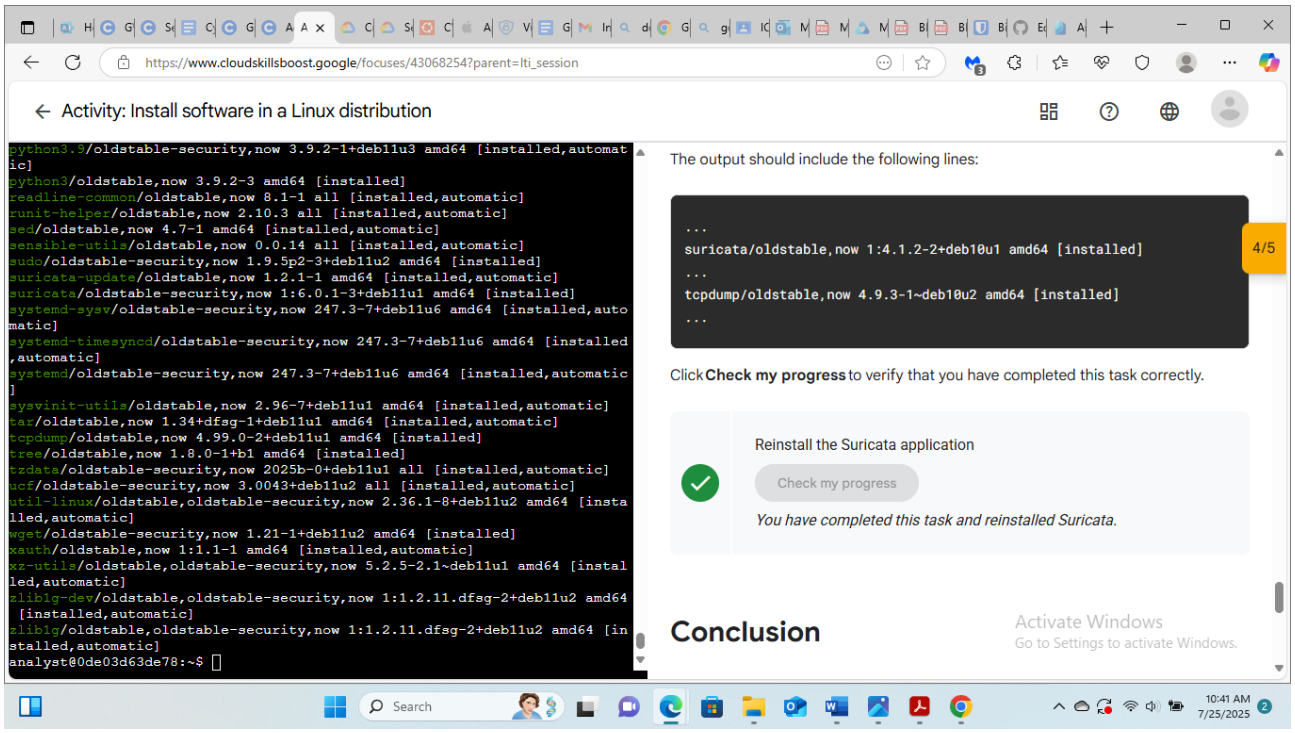
Executed `sudo apt remove suricata` and verified uninstallation with an error message when running

`suricata`.



Step 5: Install tcpdump

Used `sudo apt install tcpdump` to install tcpdump, a packet capturing tool.



Step 6: List Installed Applications

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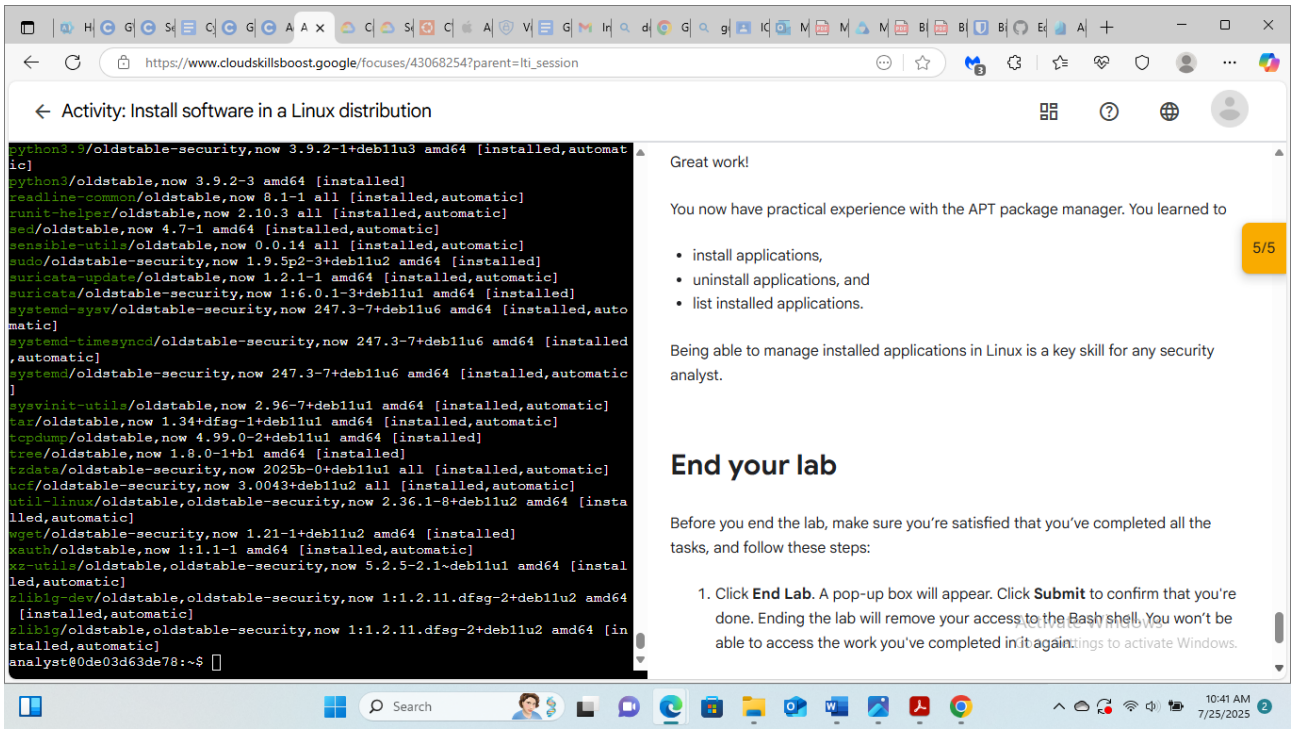
Listed all currently installed applications using the `dpkg --get-selections` command.



Step 7: Reinstall Suricata

Reinstalled Suricata using `sudo apt install suricata` and confirmed installation was successful.