

# SIC-IOT702 / task 03 : capstone Task / phase 1

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## Tasks

Refresh package lists and upgrade the system.

```
zawawy34@zawawy34-VirtualBox:~$ #Refresh package lists and upgrade the system.
zawawy34@zawawy34-VirtualBox:~$ sudo apt-get update
Hit:1 http://security.ubuntu.com/ubuntu jammy-security InRelease
Hit:2 http://eg.archive.ubuntu.com/ubuntu jammy InRelease
Hit:3 http://eg.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:4 http://eg.archive.ubuntu.com/ubuntu jammy-backports InRelease
Reading package lists... Done
```

Verify system details: kernel version, user, time.

```
zawawy34@zawawy34-VirtualBox:~$ #Verify system details: kernel version, user, time
zawawy34@zawawy34-VirtualBox:~$ uname -r
6.8.0-65-generic
zawawy34@zawawy34-VirtualBox:~$ whoami
zawawy34
zawawy34@zawawy34-VirtualBox:~$ date
31 2025, ٣١ EEST 02:43:43 ص
zawawy34@zawawy34-VirtualBox:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           995M  1.5M  994M   1% /run
/dev/sda3       30G   12G   17G  43% /
tmpfs           4.9G   0  4.9G   0% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
/dev/sda2       512M  6.1M  506M   2% /boot/efi
tmpfs           995M 100K  995M   1% /run/user/1000
/dev/sr0        59M   59M   0 100% /media/zawawy34/VBox_GAs_7.1.10
zawawy34@zawawy34-VirtualBox:~$ cat /etc/os-release
PRETTY_NAME="Ubuntu 22.04.5 LTS"
NAME="Ubuntu"
VERSION_ID="22.04"
VERSION="22.04.5 LTS (Jammy Jellyfish)"
VERSION_CODENAME=jammy
ID=ubuntu
ID_LIKE=debian
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
UBUNTU_CODENAME=jammy
```

Create /home/<username>/iot\_logger with subdirectories: logs, scripts, data

```
zawawy34@zawawy34-VirtualBox:~$ #Create /home/<username>/iot_logger with subdirectories: logs, scripts, data
zawawy34@zawawy34-VirtualBox:~$ mkdir -p ~/iot_logger/{logs,scripts,data}
```