**Network Connection and SSH:**

### 1. **Powering On**

* Connect the battery to the drone.
* Confirm that the **blue and green LEDs** are on this indicates the drone is on.

### 2. **Initial USB-C Setup (if password is unknown or needs to be set/reset)**

* Connect a **USB-C cable** from the drone to your computer.
* On your **Ubuntu terminal**, enter the adb shell:

adb shell

* Set a root password:

passwd

* You will be prompted to enter a new password. (Current Password: 1234567890)

Reference: [Video tutorial on setting up ADB and VOXL access](https://www.youtube.com/watch?v=QcAgAjAQDvQ)

### 3. **Connect via Wi-Fi**

* Disconnect the USB-C cable.
* Connect your computer to the drone's hotspot:
  + Name: VOXL-00:0:ca:b3:5:3f
  + Password: 1234567890

### 4. **SSH Into the Drone**

* In the terminal, SSH into the drone:

ssh root@192.168.8.1

* When prompted, enter the password you set earlier (1234567890).

If SSH login fails (permission denied), reconnect via USB-C and use abd to reset the password.

### 5. **Transferring Files to the Drone**

* On your Ubuntu machine, locate the files you want to send.
* Use adb push **only if you're connected via USB**.
* adb push <local\_file\_path> <target\_path\_on\_drone>

Example:

adb push test\_script.py /home/root/

* If using **Wi-Fi**, use **SCP** (Secure Copy):
* scp <local\_file\_path> root@192.168.8.1:/desired/path/on/drone

Example:

scp test\_script.py root@192.168.8.1:/home/root/

### 6. **Running Python Scripts on the Drone**

* SSH into the drone.
* Navigate to the directory where the script was copied.
* Run the script using Python:

python3 test\_script.py