

How to Copy a Python Script from a Flash Drive to a Linux Server and Schedule It with Cron

This guide walks you through copying a Python script from a USB flash drive to a Linux server and setting up a cron job to run it automatically.

1. Insert and Identify the Flash Drive

Plug the USB flash drive into the Linux server.

Run: lsblk and find /dev/sdb1 or similar.

2. Mount the Flash Drive

```
sudo mkdir -p /mnt/usb
```

```
sudo mount /dev/sdb1 /mnt/usb
```

```
ls /mnt/usb
```

3. Copy the Python Script

```
cp /mnt/usb/myscript.py ~/myscript.py
```

```
chmod +x ~/myscript.py
```

4. Unmount the Flash Drive

```
sudo umount /mnt/usb
```

5. Test the Script

```
python3 ~/myscript.py
```

6. Create a Cron Job

```
crontab -e
```

```
0 2 * * * /usr/bin/python3 /home/youruser/myscript.py >> /home/youruser/myscript.log 2>&1
```

```
crontab -l
```

Tips:

- Ensure Python path is correct.

- Use full paths in cron jobs.

- Review log files.