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**MUNBYN**

# **ITPP047 Thermal Printer**

## **Manual For Linux**

**2.01**

Document Name:

ITPP047 Software Manual for Linux OS 2.01 .PDF

## Version History

Date	By	Changes	Version
2021-1-9	Ace	Installation, Tool Guide	1.00
2021-10-20	Williams	Using a USB Interface\Uninstalling Drivers	2.00
2023-02-03	Timber	Modify USB installation, adding the Raspberry Pi driver	2.01

# Contents

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## 1.0 Introduction

This manual illustrates how to use Ubuntu 21.04 to operate the ITPP047 printer driver by sample images. For other versions of Ubuntu or other distributions, the sample images provided are different, but the procedures are the same.

To use the ITPP047 in a Linux environment, you need to install this printer driver in advance.

***Notion:***

Before installing the driver, please connect the interface cable to the printer and turn on the power. For details on how to connect the interface cable, please refer to the hardware manual.

If the old version remains installed on your computer, the new version cannot be installed. In this case, please uninstall the old version before installing the new version.

Get the Linux driver from the link: <http://u.pc.cd/jxP7>

Get the Raspberry Pi driver from the link: <http://u.pc.cd/J6qrtalK>

## 2.0 Installation and Uninstallation

### 2.1 Driver Installation

To install the driver, proceed as follows.

- 1) Start the terminal.
- 2) Make sure the printer is connected to your Windows computer by the attached USB cable and power on.
- 3) Open the Linux folder.
- 4) Expand the [LinuxDriver] file downloaded from the website of the Linux folder

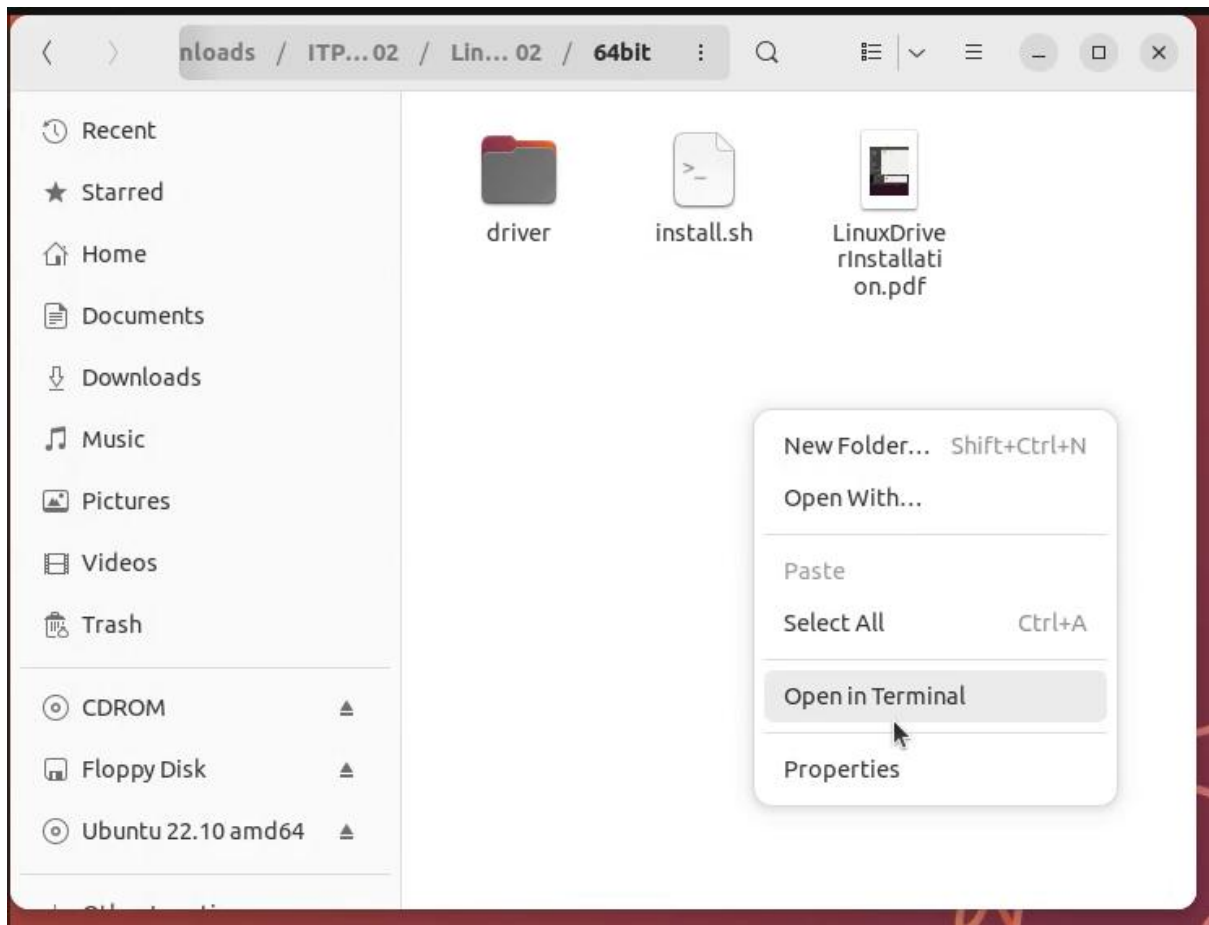


Figure 2- 1 Linux Driver page

- 5) Open the terminal and enter `[sudo sh ./install.sh]`. (Use the “sudo” command to enable root account privileges).
- 6) Enter your root password. (If you do not have a root password, please open the terminal and enter `[sudo password root]` to set the root password).

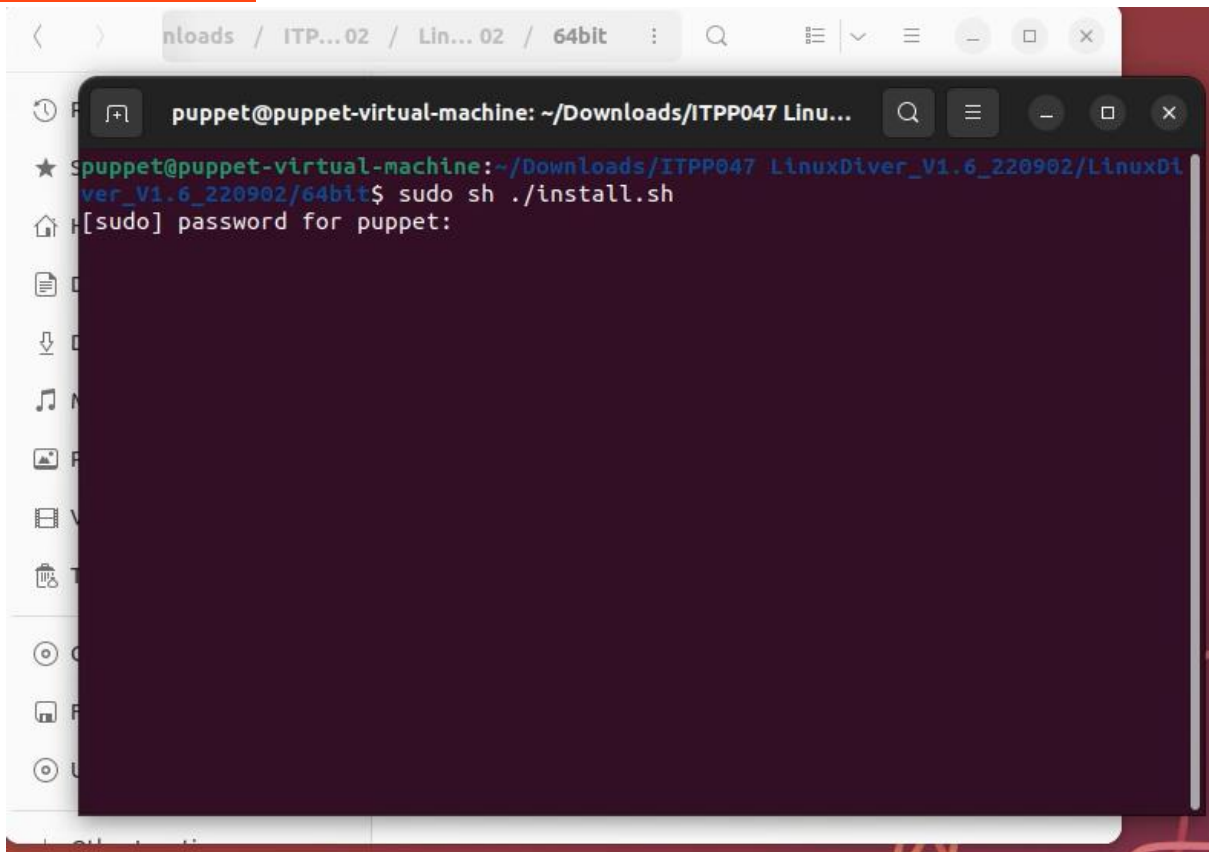


Figure 2-2 Installation Completion Page

## 2.2 Registering the Printer

The procedure for registering the printer differs depending on the type of interface you use. Please refer to the page related to your environment.

Connect the printer to your PC, and then power on the printer.

## 2.3 Install Printer via USB Connection

- a) Connect the printer to your PC, and then power on the printer.
- b) Open your favorite web browser and navigate to <http://localhost:631/admin>
  - 1) Click the [Add Printer].

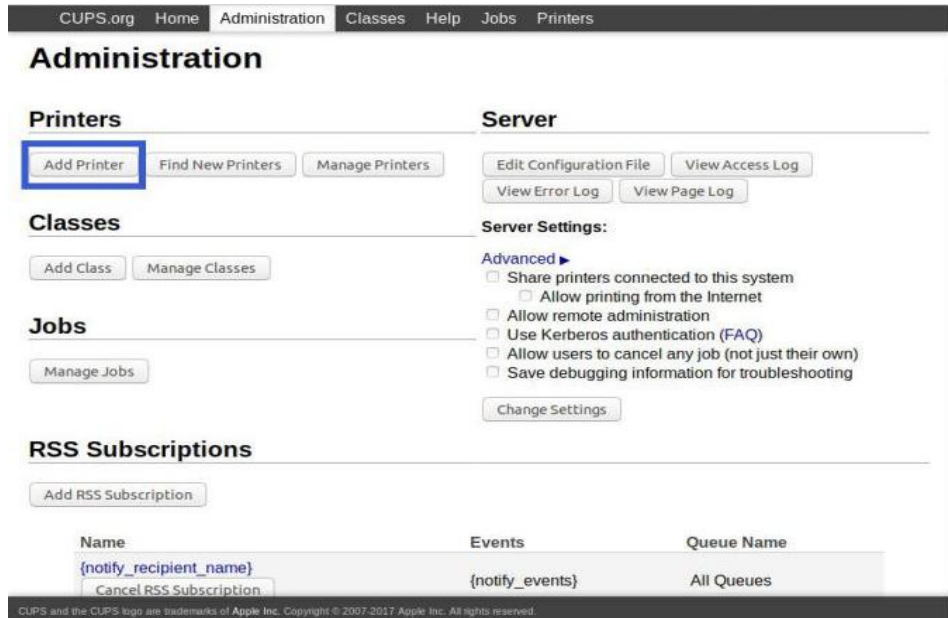


Figure 2-3 Add Printer.

- 2) Choose [EPSON TM-m30] or unknown printer, and click the [Continue].

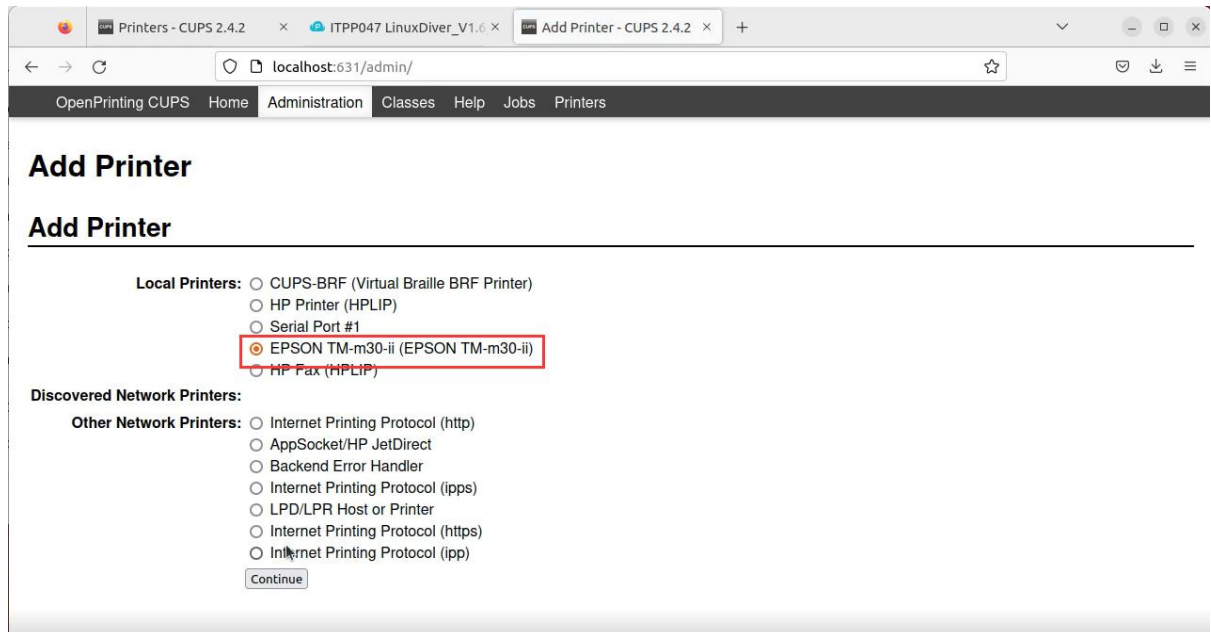


Figure 2-4 Choose Printer.

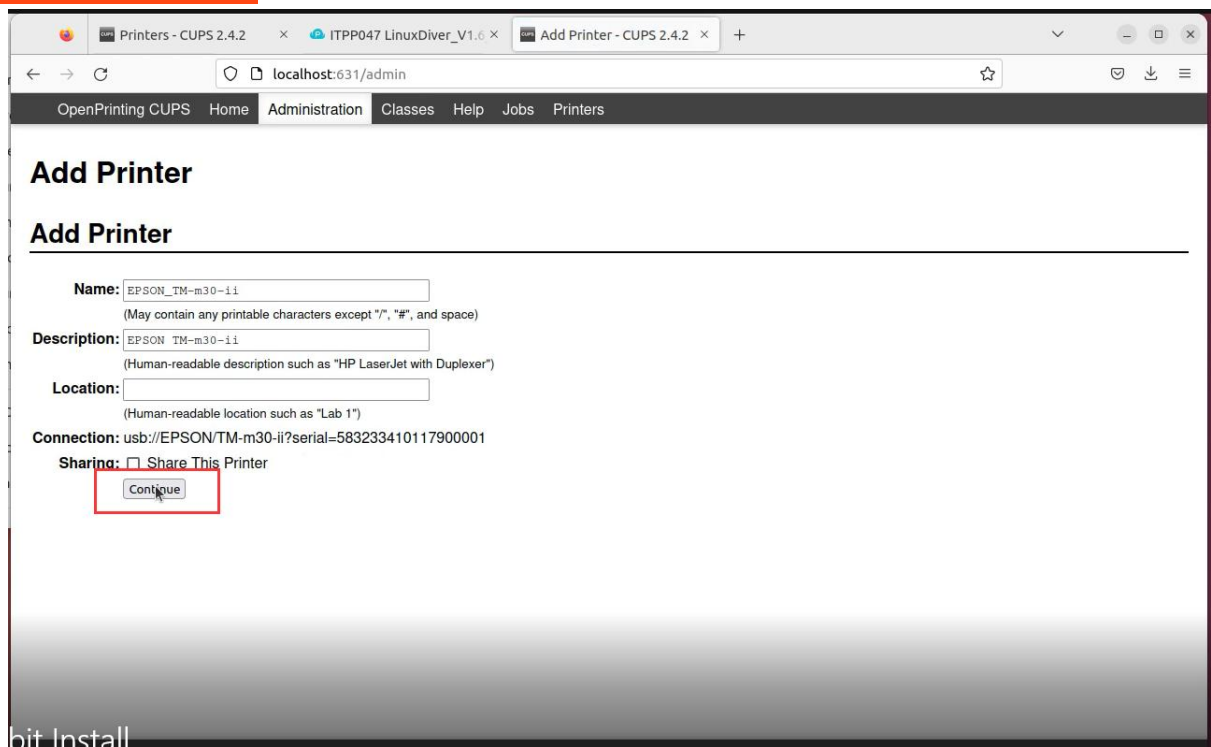


Figure 2- 5 Add Printer.

- 3) Choose [POS] and click the [Continue].

## Add Printer

### Add Printer

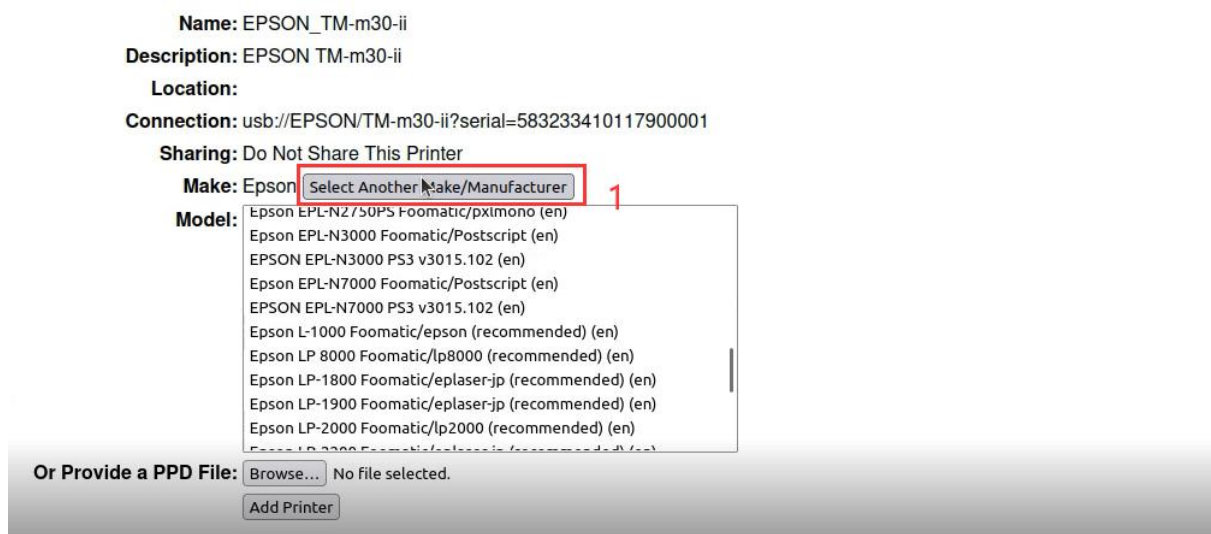


Figure 2- 6 Select another Make



## Add Printer

### Add Printer

---

**Name:** EPSON\_TM-m30-ii  
**Description:** EPSON TM-m30-ii  
**Location:**  
**Connection:** usb://EPSON/TM-m30-ii?serial=583233410117900001  
**Sharing:** Do Not Share This Printer

**Make:**

- Oki
- Olivetti
- Panasonic
- PCPI
- POS**
- QMS
- Raven
- Raw
- Ricoh
- Samsung

Continue

**Or Provide a PPD File:**  No file selected.

Figure 2- 7 Select POS

- 4) Choose [POS-80] and click the [Add Printer].

## Add Printer

### Add Printer

---

**Name:** EPSON\_TM-m30-ii  
**Description:** EPSON TM-m30-ii  
**Location:**  
**Connection:** usb://EPSON/TM-m30-ii?serial=583233410117900001  
**Sharing:** Do Not Share This Printer  
**Make:** POS   
**Model:** POS Label-80 (en, en, zh\_CN, zh\_TW)  

POS-80 (en)

**Or Provide a PPD File:**  No file selected.

Figure 2- 8 POS-80

- 5) This completes printer installation and registration.

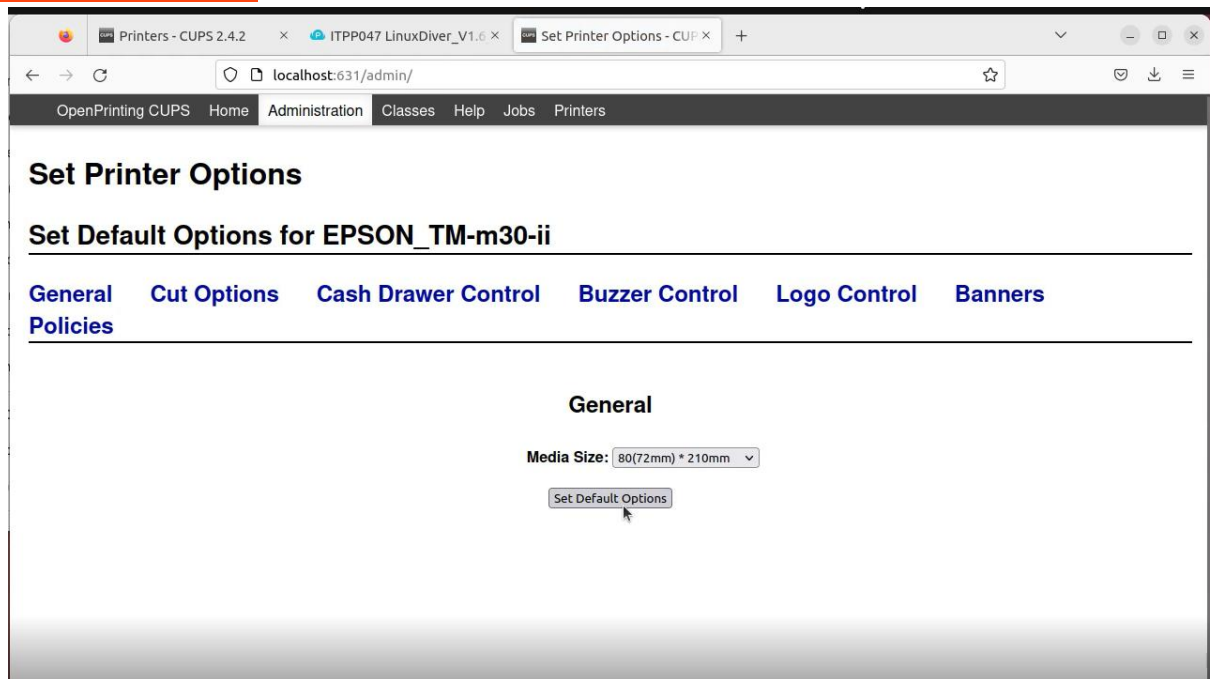


Figure 2-9 Set Default printer.

## 2.4 Uninstalling ITPP047 Driver

To uninstall the driver, please follow the steps below.

- 1) Open your favorite web browser and navigate to [http://localhost:631/printers].

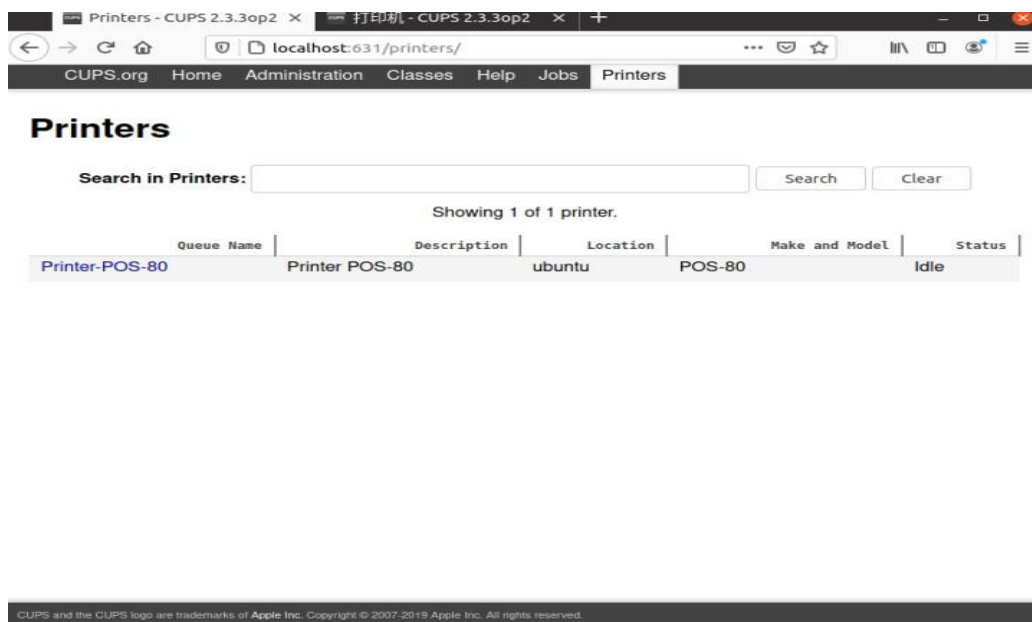


Figure 2-9 Driver web page

- 2) Select the [Delete Printer].

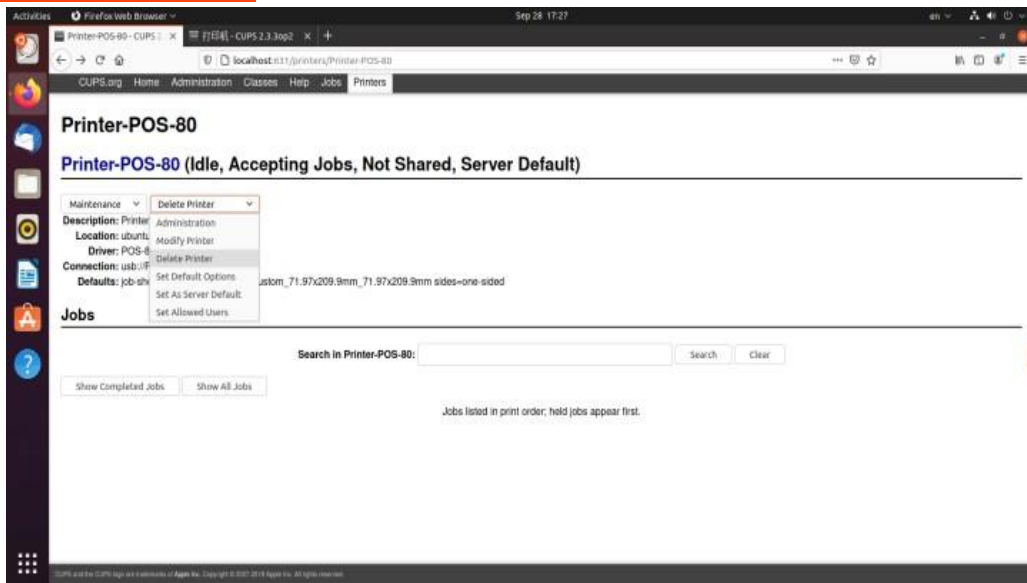


Figure 2- 10 Printer web page

3) Click the [Delete Printer].



Figure 2- 11 Printer web page

4) Enter the password

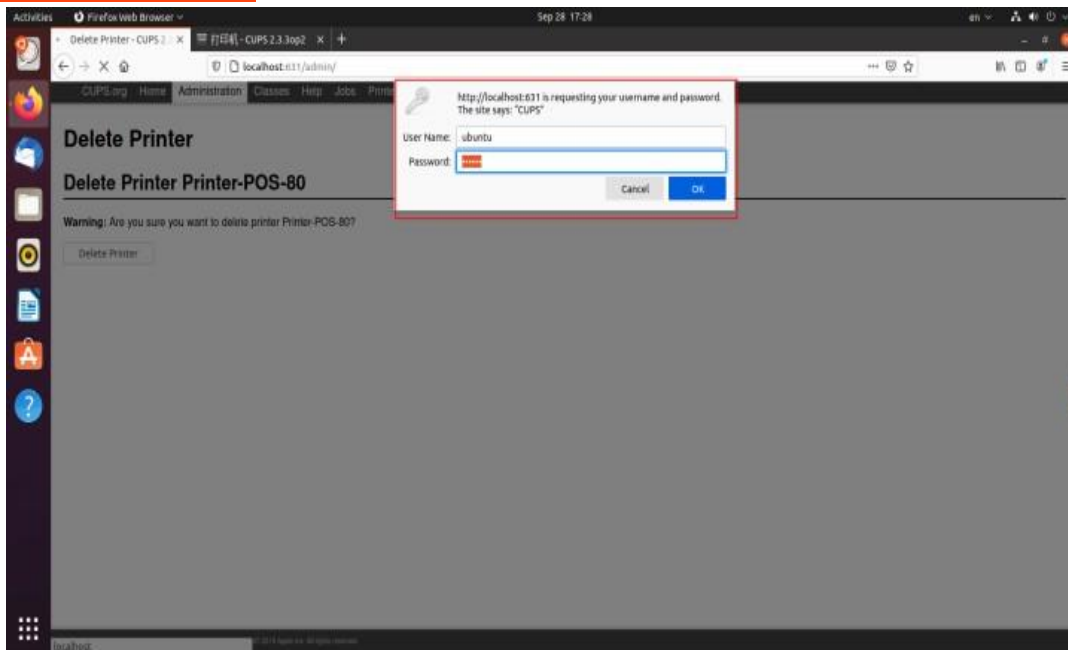


Figure 2- 12 User Interface

- 5) Open/Start the terminal.
- 6) Use the [sudo] command to enable root account privileges.  
\$ sudo find / -name [POS]

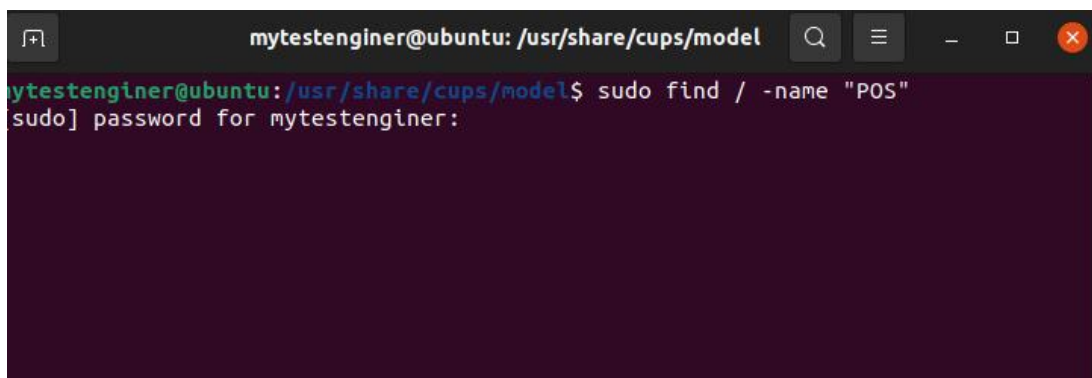
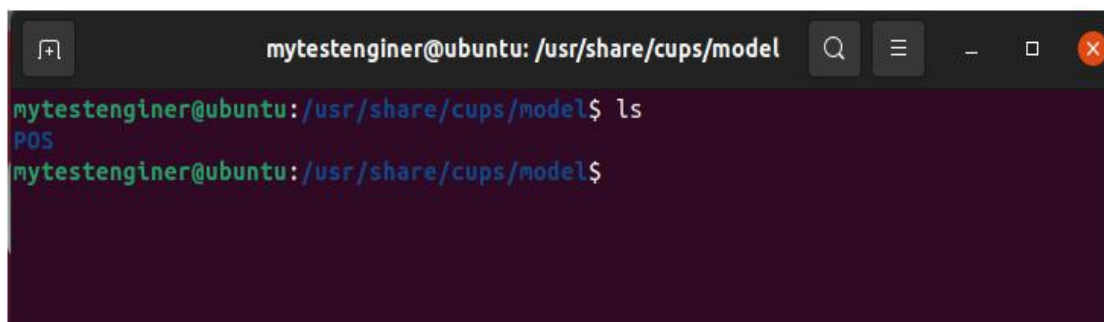
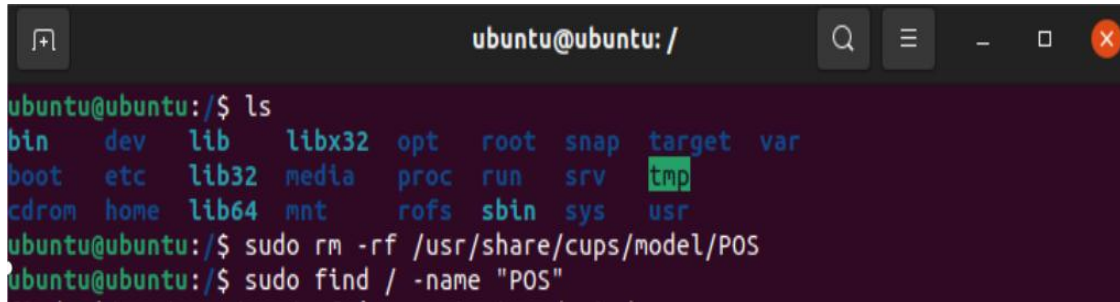


Figure 2- 13 Find file

- 7) Delete [POS] folder.



A terminal window titled 'ubuntu@ubuntu: /' with search, menu, and window control icons. It shows the execution of three commands: 'ls' listing system directories, 'sudo rm -rf /usr/share/cups/model/POS' deleting the POS file, and 'sudo find / -name "POS"' searching for the file. The 'tmp' directory is highlighted in green in the first command's output.

```
ubuntu@ubuntu:/$ ls
bin  dev  lib  libx32  opt  root  snap  target  var
boot  etc  lib32  media  proc  run  srv  tmp
cdrom  home  lib64  mnt  rofs  sbin  sys  usr
ubuntu@ubuntu:/$ sudo rm -rf /usr/share/cups/model/POS
ubuntu@ubuntu:/$ sudo find / -name "POS"
```

Figure 2- 14 Delete POS file

This completes the uninstallation of the printer driver.

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