

# How to Install CUPS Driver (Integrated) ( ESC/POS 203-DPI )

POS Printer

Rev. 1.00

# 1. Linux

## 1.1. Installation.

1. Extract this archive creating the **posprinterinstall\_203dpi\_20260408** directory automatically.

```
# tar -zxvf posprinterinstall_203dpi_20260408.tar.gz
```

2. Open your favorite shell (bash, etc.) and move to the **posprinterinstall\_203dpi\_20260408** directory.

```
# cd posprinterinstall_203dpi_20260408
```

3. Execute the 'su' command to obtain super-user level permissions.

You must enter the root user's password for this to succeed. Be careful!.

4. Type 'make install' to install this package onto your computer.

```
# make install [Enter]
```

Or

```
> sudo sh setup.sh [Enter]
```

**A successfull install should result in output similar to this:**

```
# installing
cp ppd/*.gz install
cd install; exec ./setup
SEWOO 203-DPI POS Printer
SEWOO 203-DPI POS Printer CUPS driver installation Start
```

-----

Models included:

```
SEWOO LKT Series
SEWOO SLK Series
Vendor POS Printer
Generic POS Printer
SEWOO SMK Printer
SEWOO SLK-SL103 Printerr
Generic Linerless Printer
```

Searching for ServerRoot, ServerBin, and DataDir tags in /etc/cups/cupsd.conf

ServerBin tag is present as an absolute path

DataDir tag is present as an absolute path

ServerRoot = /etc/cups

ServerBin = /usr/lib/cups

DataDir = /usr/share/cups

Copying raster2generic filter to //usr/lib/cups/filter

Copying raster2lkt filter to //usr/lib/cups/filter

Copying raster2slk filter to //usr/lib/cups/filter

Copying raster2smk filter to //usr/lib/cups/filter

Copying raster2vendorprt filter to //usr/lib/cups/filter

Copying raster2SL103 filter to //usr/lib/cups/filter

Copying raster2LL103 filter to //usr/lib/cups/filter

Copying Model PPD files to //usr/share/cups/model/Sewoo203POS

Restarting CUPS

cups: stopped scheduler.

cups: started scheduler.

Install Complete

Add printer queue using K Menu -> Utilities -> Printing -> Printing Manager, or

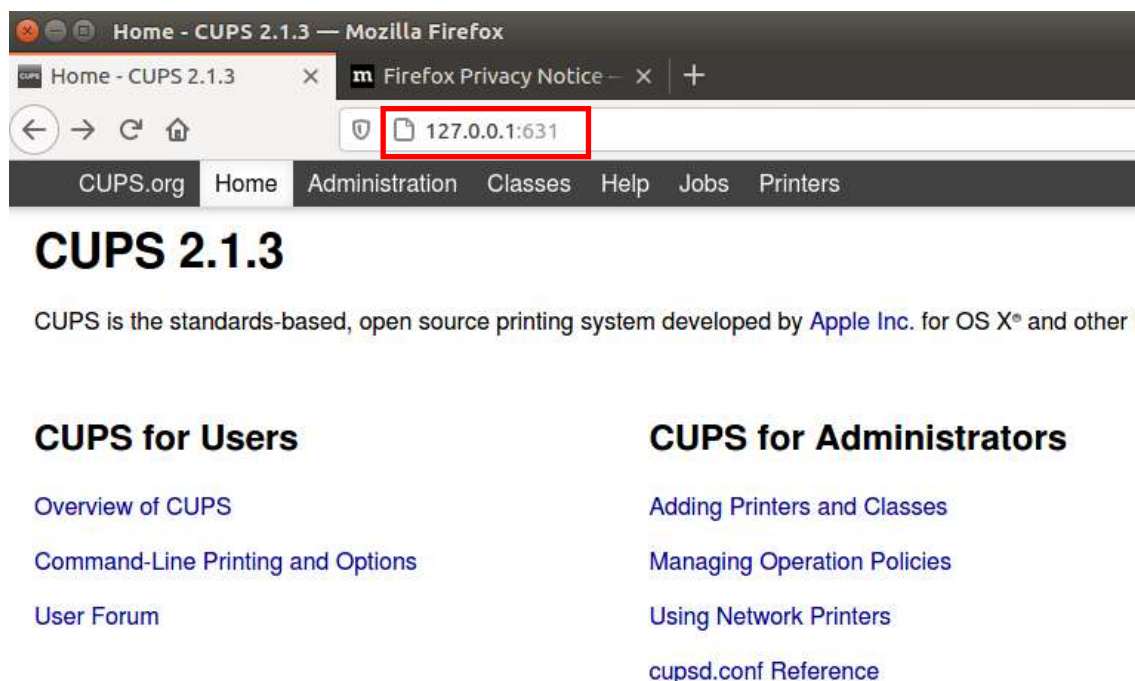
Add printer queue using OS tool, <http://localhost:631>, or <http://127.0.0.1:631>

**5. Goto <http://127.0.0.1:631> or use your favorite CUPS admin tool.**

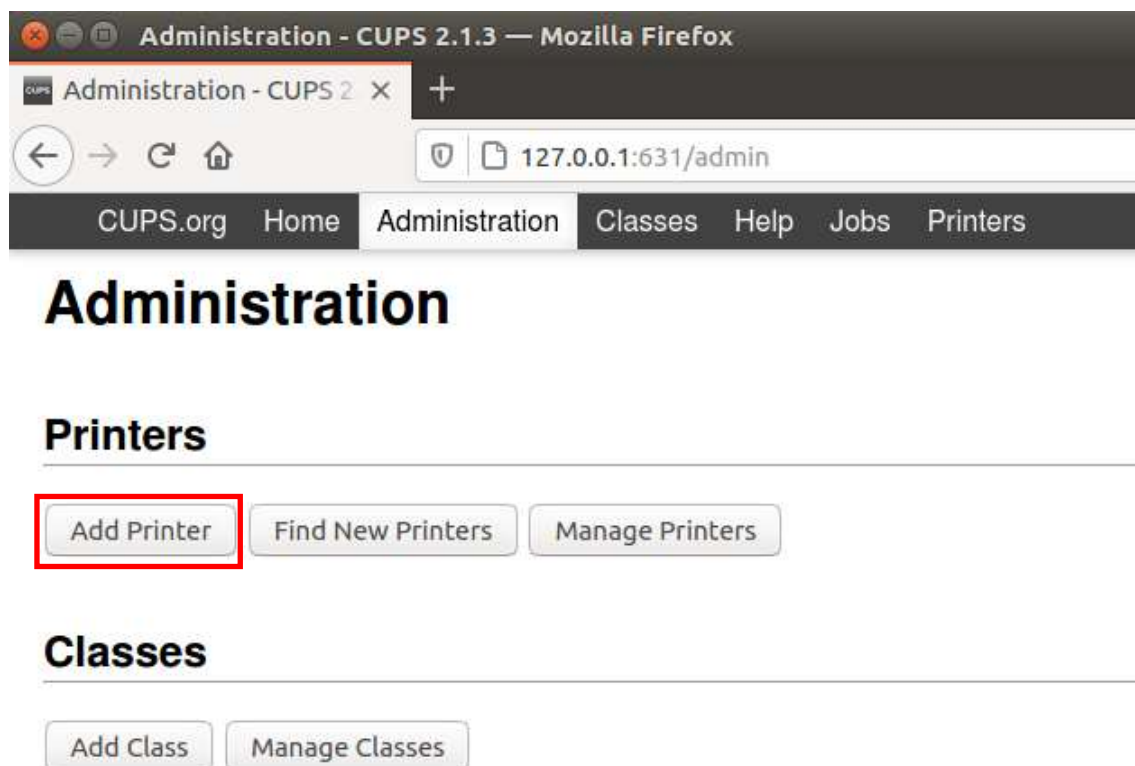
**Or K Menu -> Utilities -> Printing -> Printing Manager.**

## 1.2. How to Add Printer

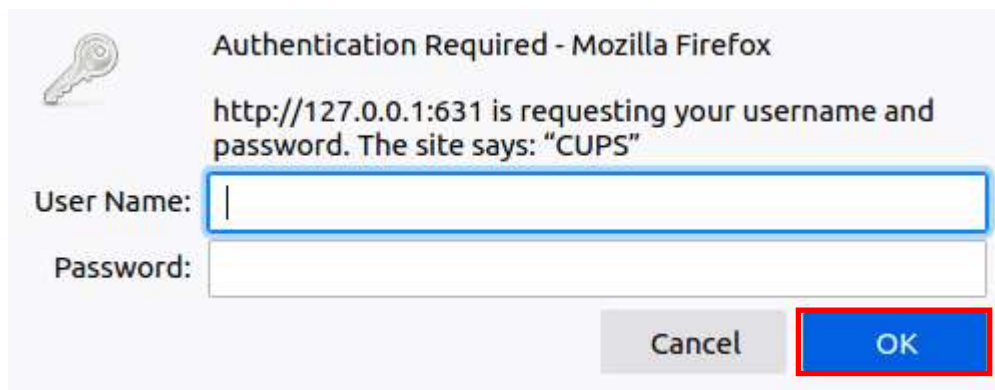
Execute browser and move to <http://127.0.0.1:631>



Click the Administration tab and “Add Printer” button as below



Input the "User Name" and "Password". Click the "OK" button.



**Authentication Required - Mozilla Firefox**

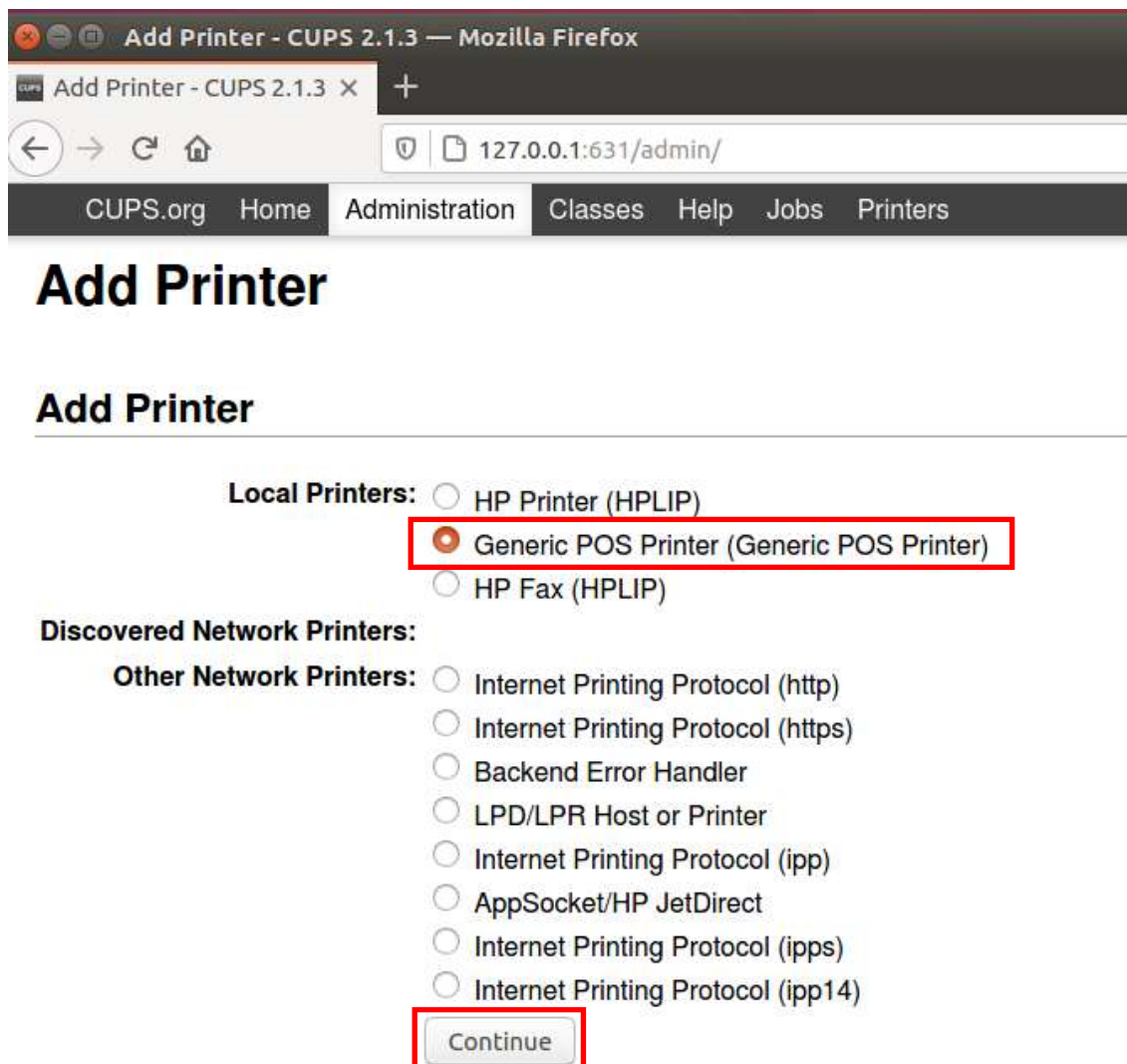
http://127.0.0.1:631 is requesting your username and password. The site says: "CUPS"

User Name:

Password:

Cancel OK

Select the connected printer and click the "Continue" button.



**Add Printer**

**Add Printer**

**Local Printers:**

- ☐ HP Printer (HPLIP)
- ☒ Generic POS Printer (Generic POS Printer)
- ☐ HP Fax (HPLIP)

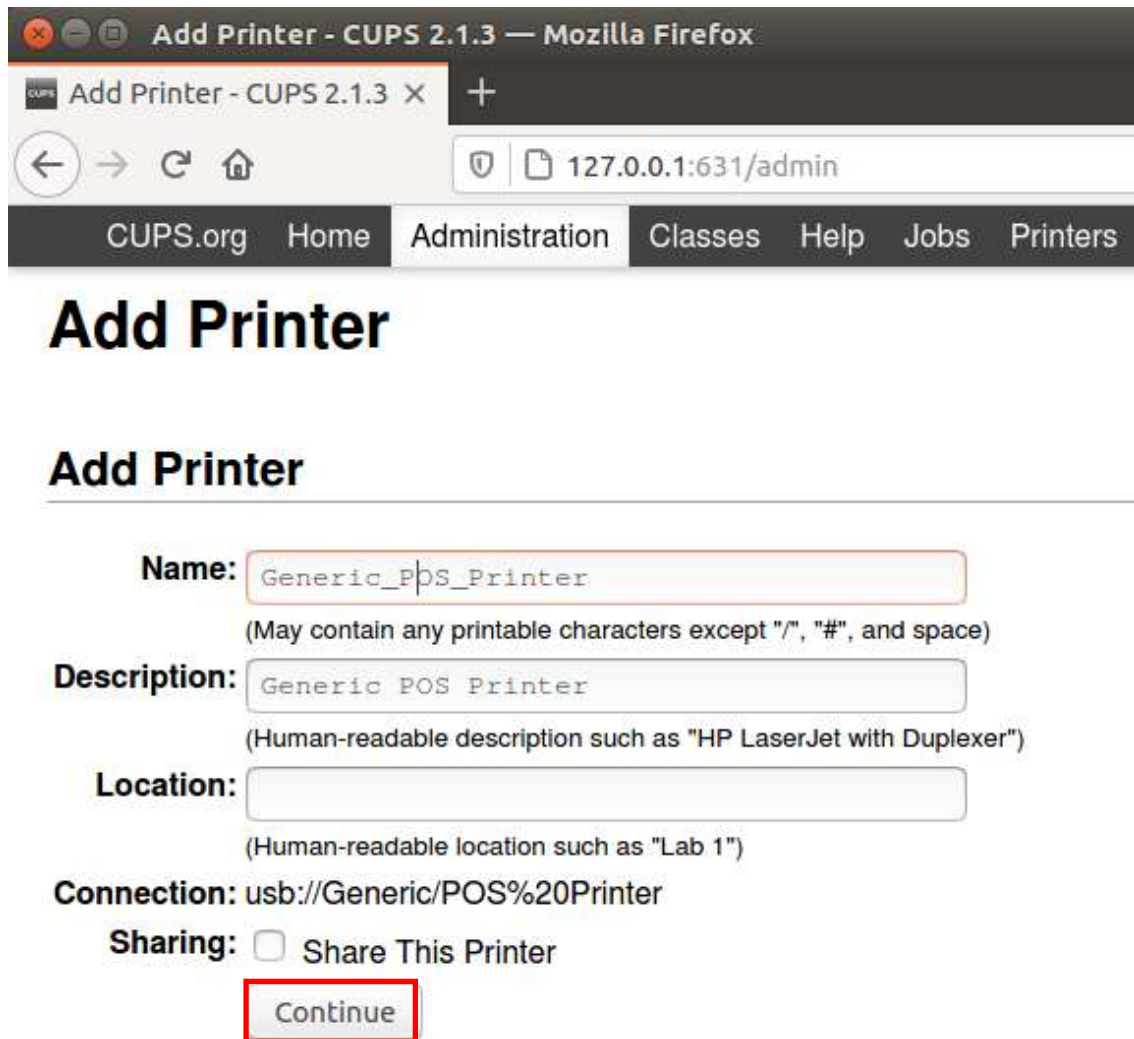
**Discovered Network Printers:**

**Other Network Printers:**

- ☐ Internet Printing Protocol (http)
- ☐ Internet Printing Protocol (https)
- ☐ Backend Error Handler
- ☐ LPD/LPR Host or Printer
- ☐ Internet Printing Protocol (ipp)
- ☐ AppSocket/HP JetDirect
- ☐ Internet Printing Protocol (ipps)
- ☐ Internet Printing Protocol (ipp14)

Continue

Input the printer driver name and Click the “Continue” button.



**Add Printer**

**Name:**   
 (May contain any printable characters except "/", "#", and space)

**Description:**   
 (Human-readable description such as "HP LaserJet with Duplexer")

**Location:**   
 (Human-readable location such as "Lab 1")

**Connection:** usb://Generic/POS%20Printer

**Sharing:** ☐ Share This Printer

Select the printer driver name and Click the “Add Printer” button.

**Add Printer - CUPS 2.1.3** — Mozilla Firefox

Add Printer - CUPS 2.1.3 X +

127.0.0.1:631/admin

CUPS.org Home Administration **Classes** Help Jobs Printers

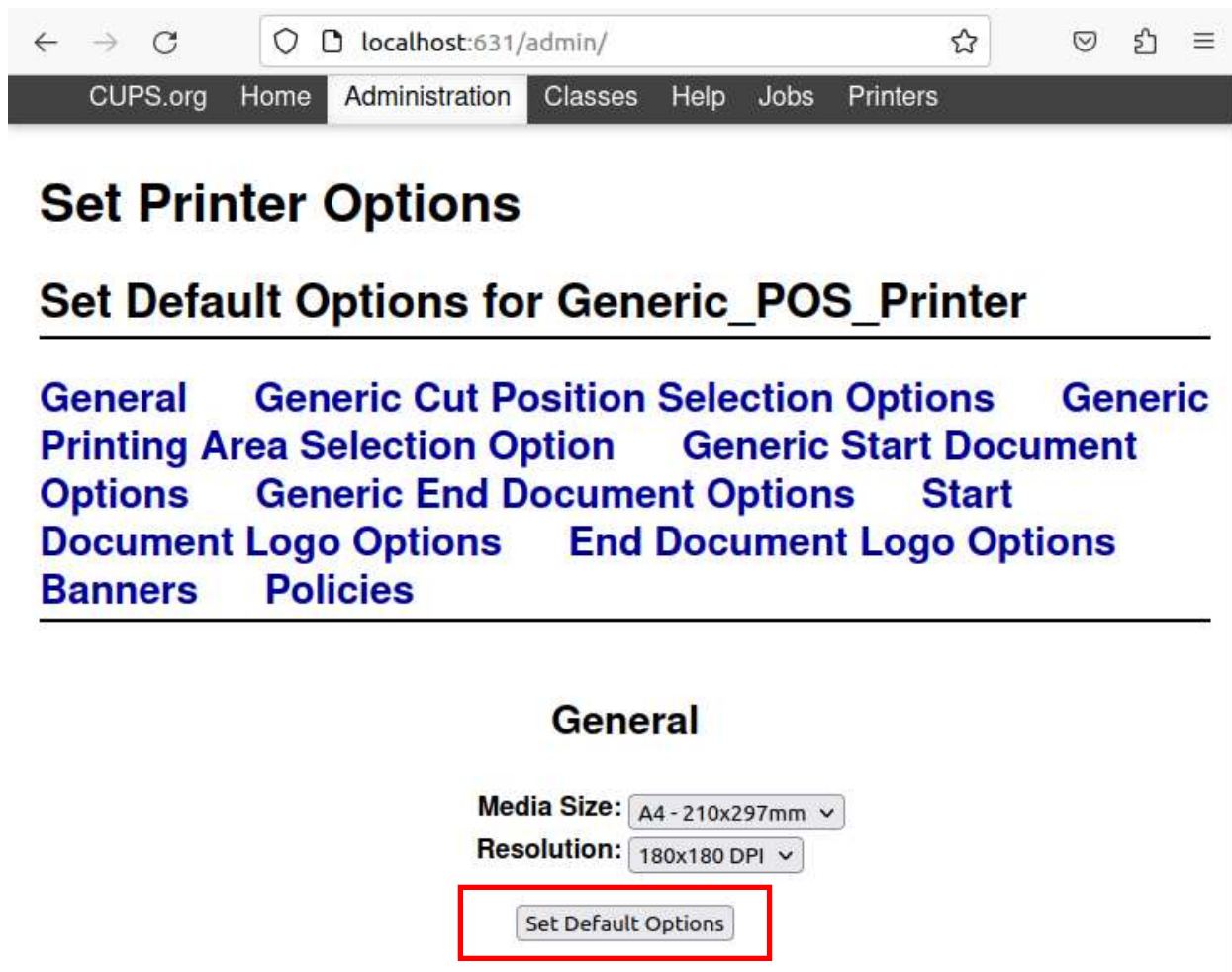
## Add Printer

### Add Printer

**Name:** Generic\_POS\_Printer  
**Description:** Generic POS Printer  
**Location:**  
**Connection:** usb://Generic/POS%20Printer  
**Sharing:** Do Not Share This Printer  
**Make:** Generic   
**Model:** Generic POS Printer (en)  
Generic Braille embosser, 1.0 (en)  
Generic ESC/P Dot Matrix Printer Foomatic/eps9high (en)  
Generic ESC/P Dot Matrix Printer Foomatic/eps9mid (en)  
Generic ESC/P Dot Matrix Printer Foomatic/epson (recommended) (en)  
Generic ESC/P Dot Matrix Printer Foomatic/epsonc (en)  
Generic ESC/P Dot Matrix Printer Foomatic/lq850 (en)  
Generic GDI Printer Foomatic/gdi (en)  
Generic IBM-Compatible Dot Matrix Printer Foomatic/ibmpro (recommended) (en)  
Generic IPP Everywhere Printer (en)

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

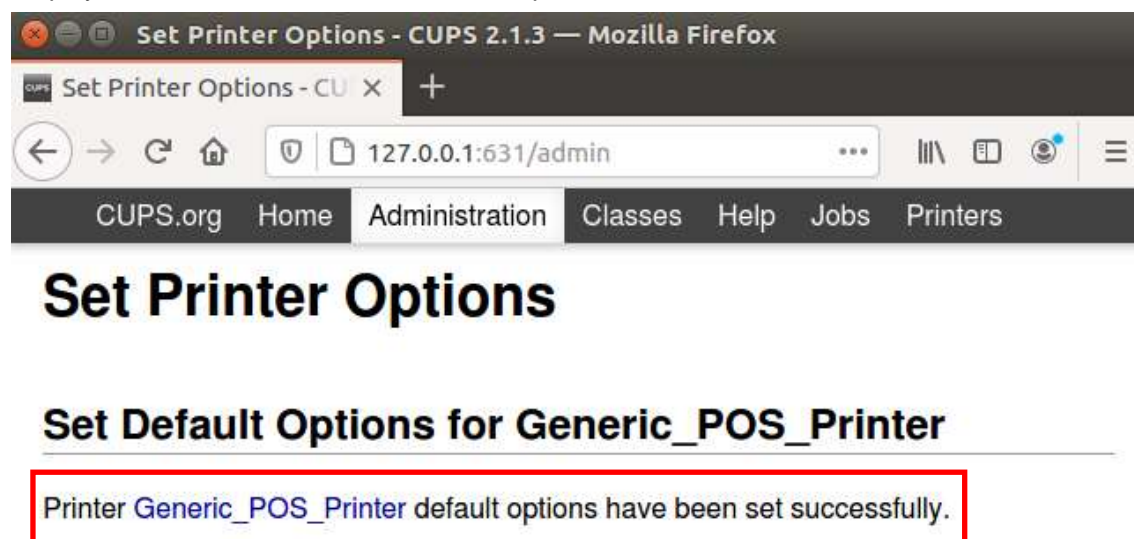
Click the “Set Default Options” button.



The screenshot shows a web browser window at localhost:631/admin/. The navigation bar includes links for CUPS.org, Home, Administration (selected), Classes, Help, Jobs, and Printers. The main heading is 'Set Printer Options', followed by a sub-heading 'Set Default Options for Generic\_POS\_Printer'. A list of configuration tabs is displayed: General, Generic Cut Position Selection Options, Generic Printing Area Selection Option, Generic Start Document Options, Generic End Document Options, Start Document Logo Options, End Document Logo Options, Banners, and Policies. The 'General' tab is active. Under the 'General' section, there are two dropdown menus: 'Media Size' set to 'A4 - 210x297mm' and 'Resolution' set to '180x180 DPI'. Below these, the 'Set Default Options' button is highlighted with a red rectangular box.



Display the result as below. Click the added printer driver.



Display the information of added printer as below.

Generic\_POS\_Printer - CUPS 2.1.3 — Mozilla Firefox

Generic\_POS\_Printer - CUPS

127.0.0.1:631/printers/Generic\_POS\_F ...

CUPS.org Home Administration Classes Help Jobs Printers

## Generic\_POS\_Printer

**Generic\_POS\_Printer (Idle, Accepting Jobs, Not Shared)**

Maintenance Administration

**Description:** Generic POS Printer

**Location:**

**Driver:** Generic POS Printer (grayscale)

**Connection:** usb://Generic/POS%20Printer

**Defaults:** job-sheets=none, none media=iso\_a4\_210x297mm sides=one-sided

### Jobs

Search in Generic\_POS\_Printer:

Search Clear

Show Completed Jobs Show All Jobs

No jobs.