

## Setting up NanoRIP and the Lexmark printer.

### Step 1 : Installing NanoRIP

Let's start by making sure that the Lexmark is correctly installed with all its consumables and paper, so that we can continue with the configuration of the NanoRIP server.

- **Power on the printer**



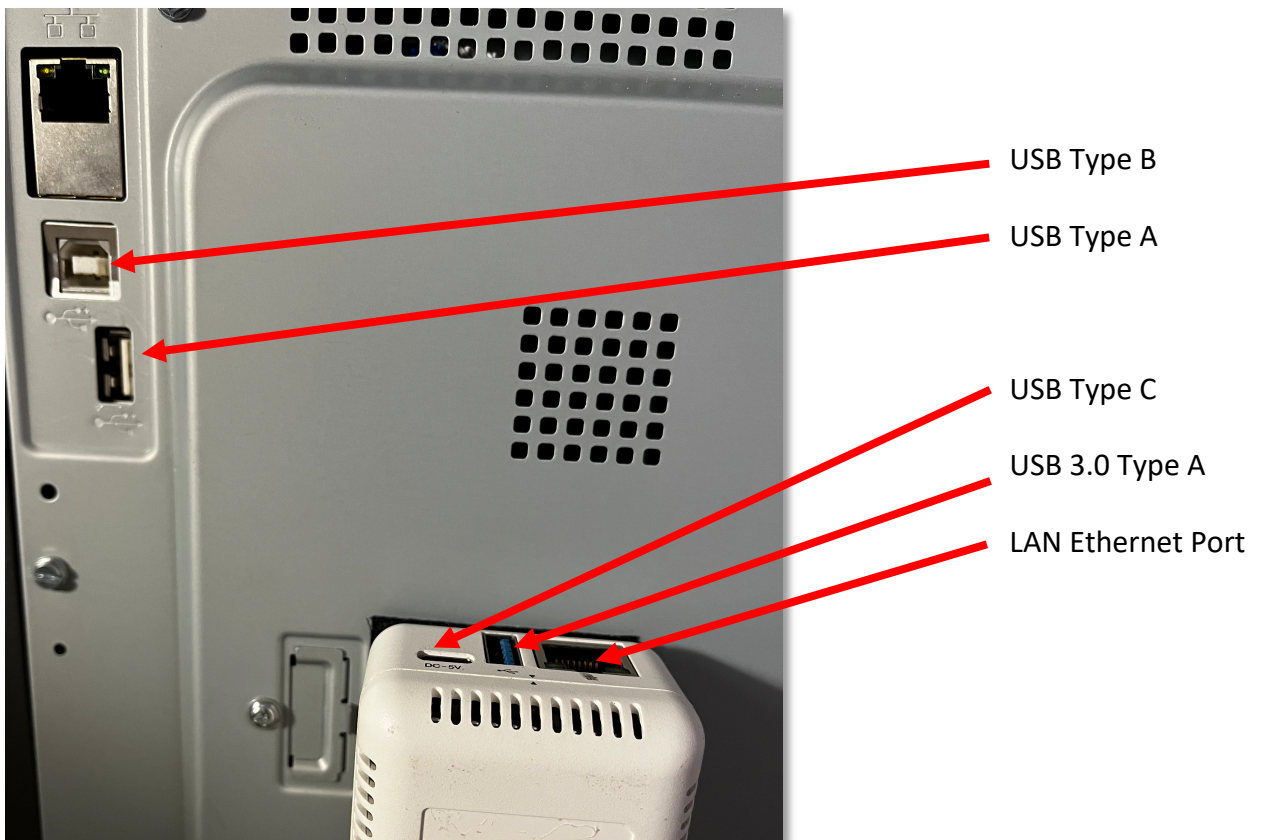
### **CAUTION!**

**This version of NanoRIP support Lexmark CS620 series, CS630 series, CS920 series and CS940 series only.**

Once the printer is ready, we will now install NANORIP.



Secure NANORIP to the printer back with the fasteners provided as shown in the picture below.



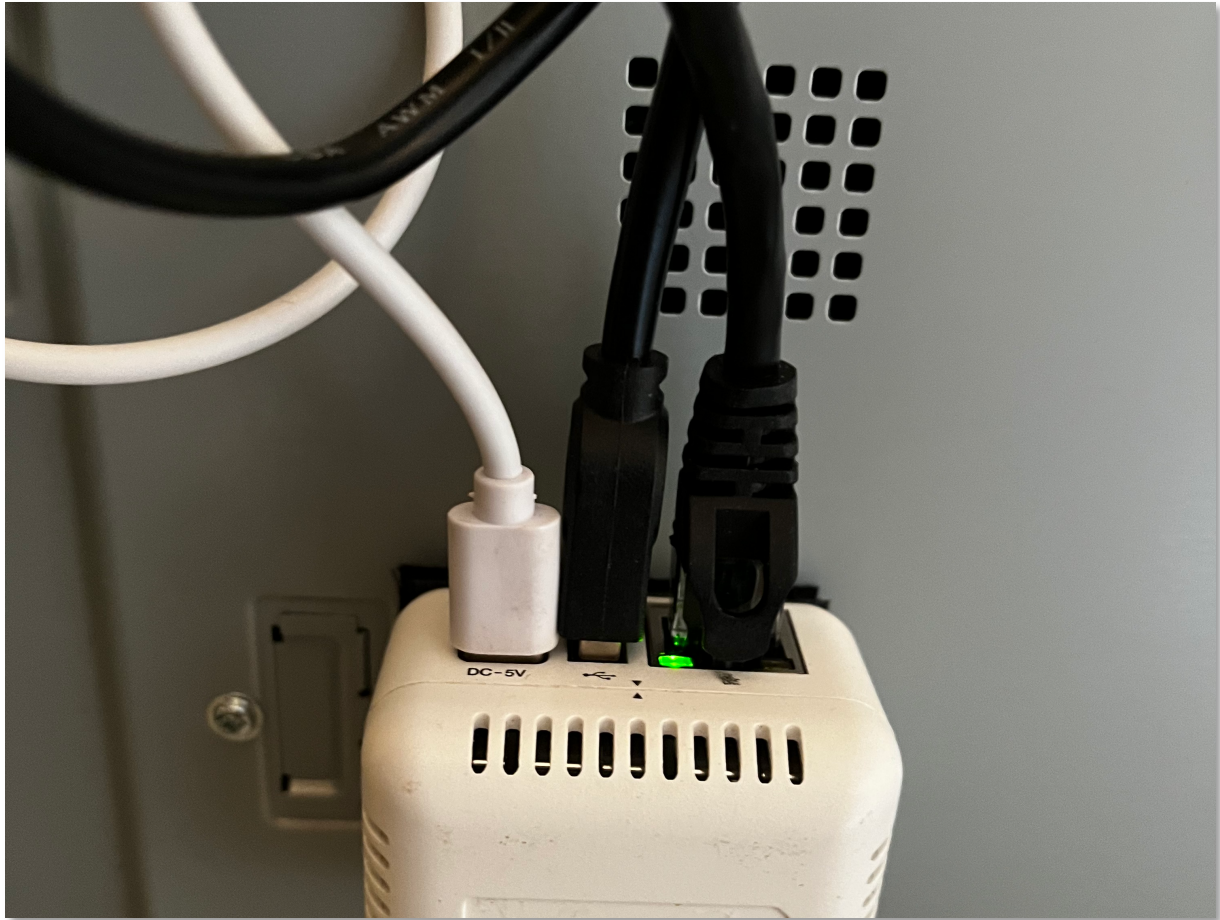
Connect the USB power cable to the NanoRIP USB type C port, as well as to the USB type A port of the printer as shown in the picture below.



Connect the USB printing cable to the NanoRIP USB 3.0 type A port, as well as to the USB type B port of the printer as shown in the photo below.



Connect the NanoRIP's **LAN port** using a network cable (RJ45) to your Laptop as shown in the picture below.



### CAUTION!

**You must define your Laptop Lan IP address in the same range of NanoRIP's IP, ex: 192.168.100.1**

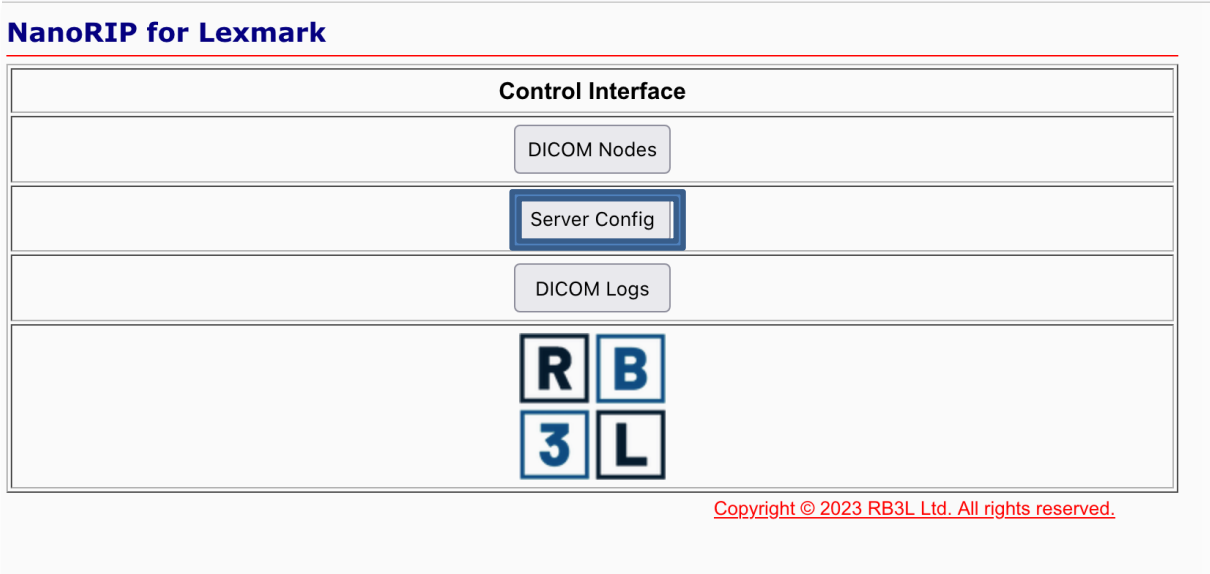
**Default NanoRIP LAN IP Address: 192.168.100.100**

On your computer, open your web browser and enter the Default NanoRIP LAN IP address.

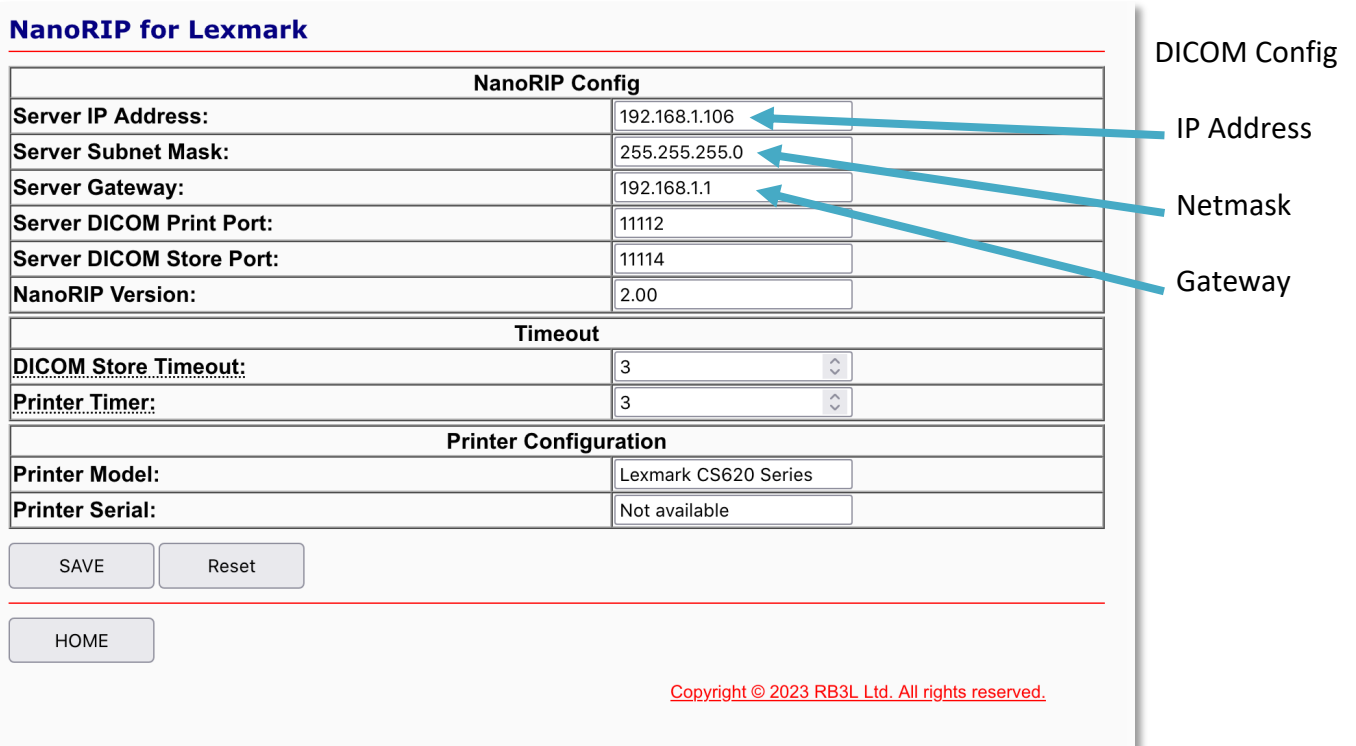
**<http://<<192.168.100.100>>>**



Click on “Server Config”.



Set the DICOM IP address, netmask and the gateway and click “SAVE” then Click “HOME”



In our example we have set 192.168.1.106 as DICOM IP address

Remove network cable (RJ45) from your laptop and connect it to the Hospital's **LAN port**.

## Step 2 : Setting up the NanoRIP.

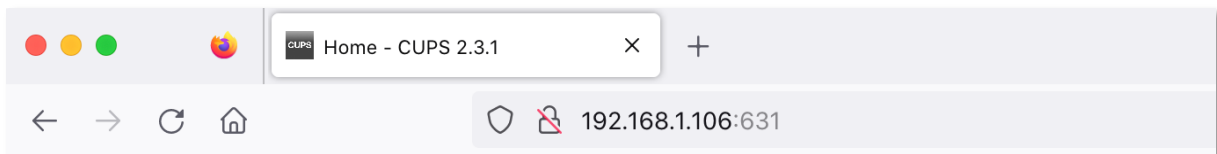
Once step 1 has been validated, we will now to configure NanoRIP to use your Lexmark Printer,

In Step 1 we have set **NanoRIP using 192.168.1.106** as DICOM IP address  
And connected to the Lexmark printer using USB cable.

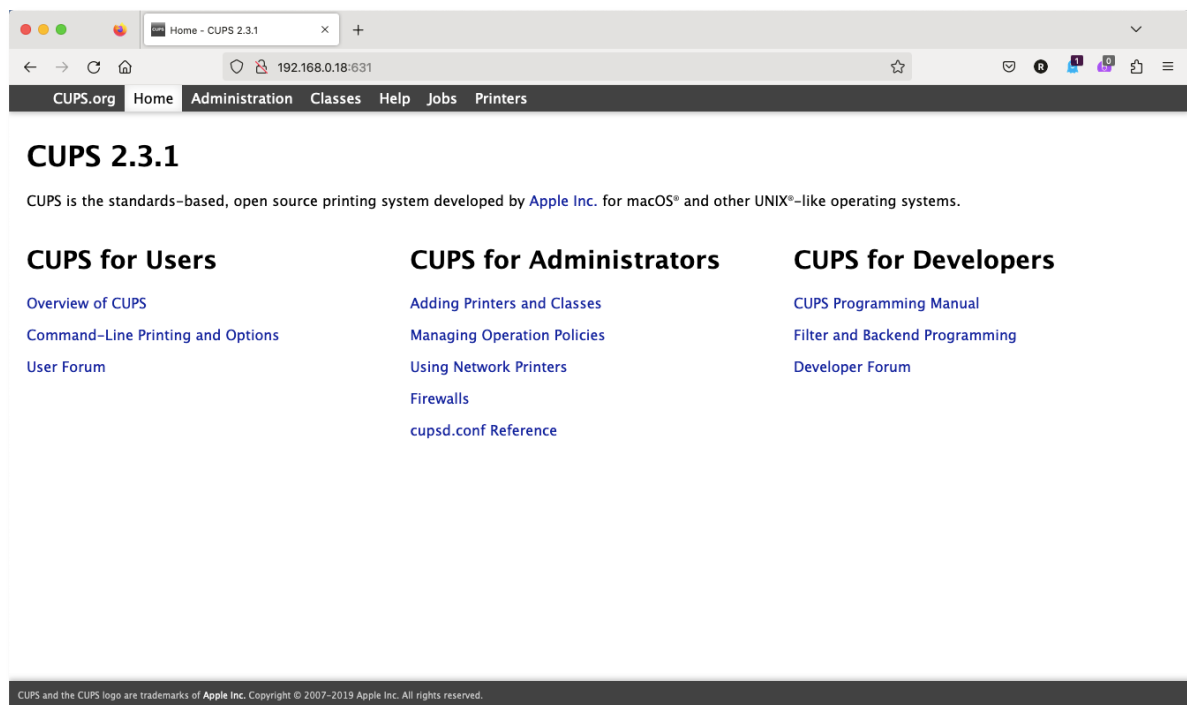
Now from a hospital computer's web browser (ex: Firefox) , enter the NanoRIP DICOM IP address + [:631] in the address bar

**<http://192.168.1.106:631>**

Either in our case: <http://192.168.1.106:631/>

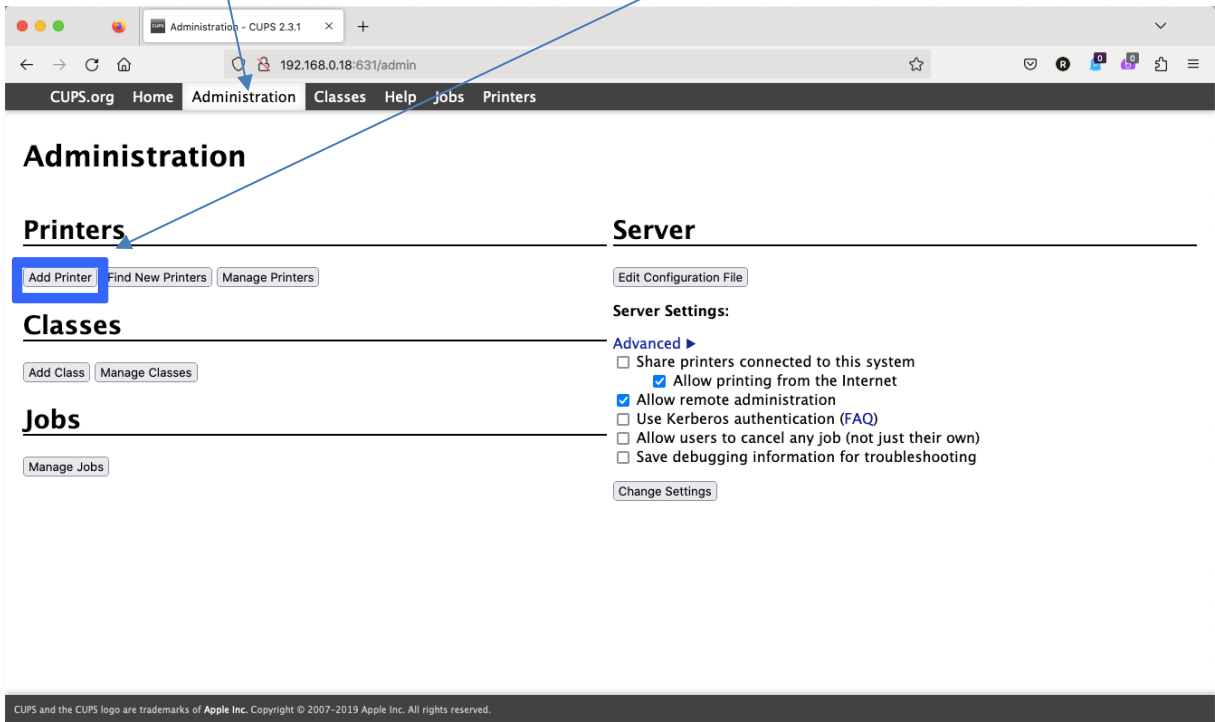


CUPS configuration page will be displayed:

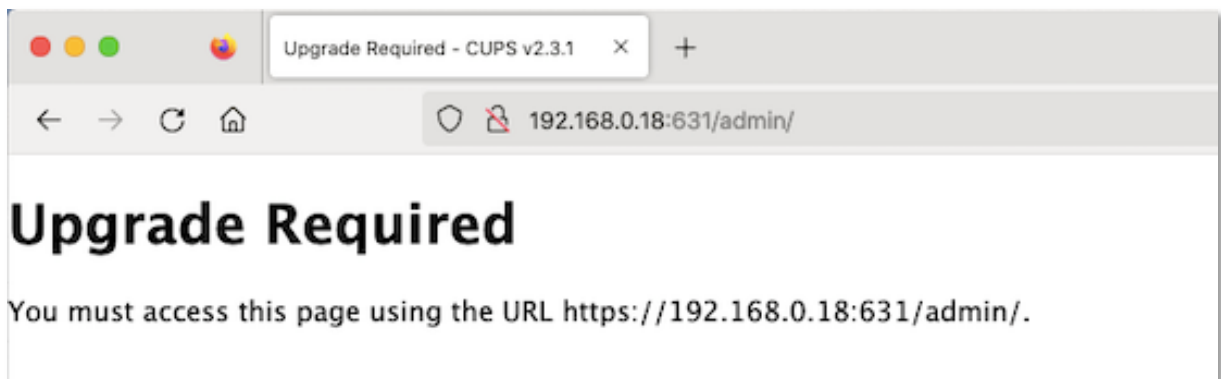


NanoRIP CUPS Home Page.

Click on [Administration] tab and then click on [Add Printer]

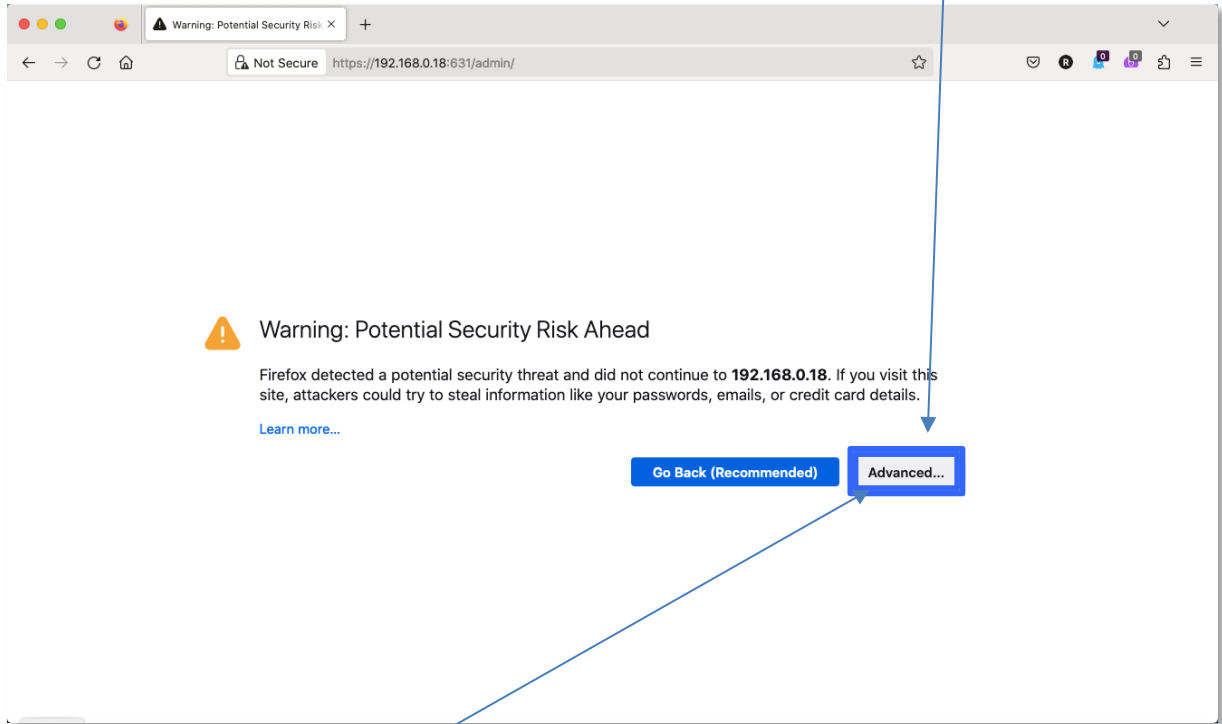


Do not worry about this message

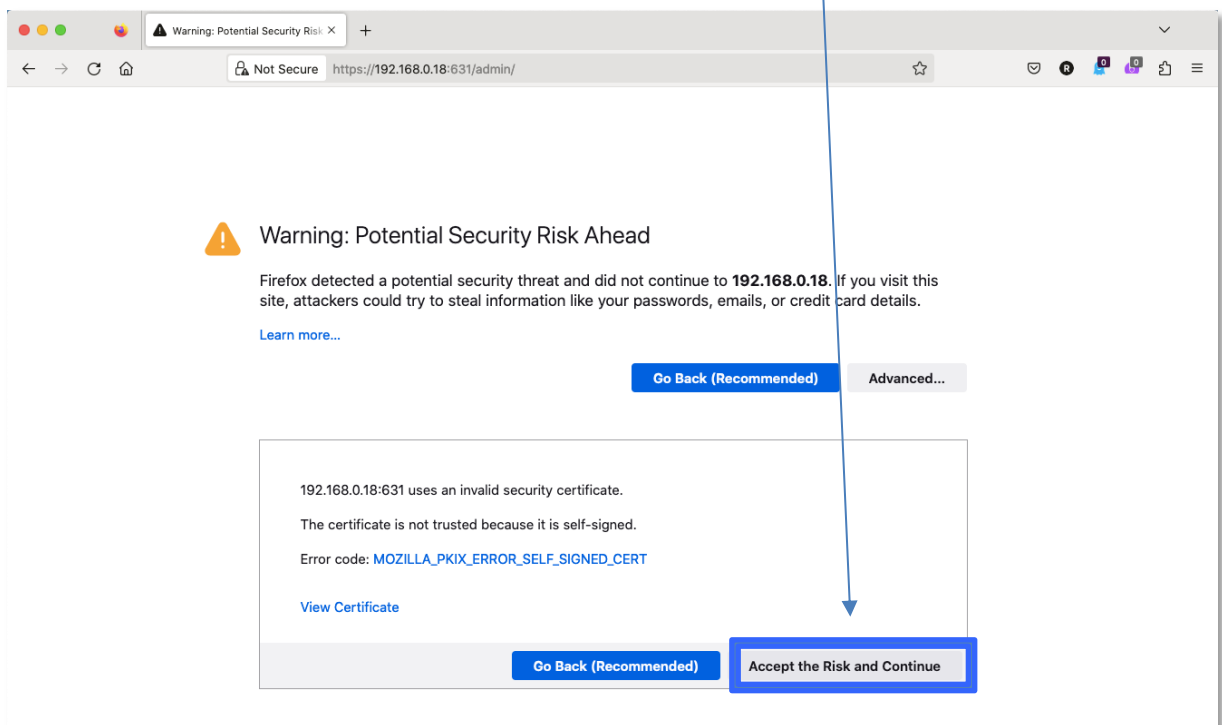


Hold-on couple seconds it will automatically move to admin page

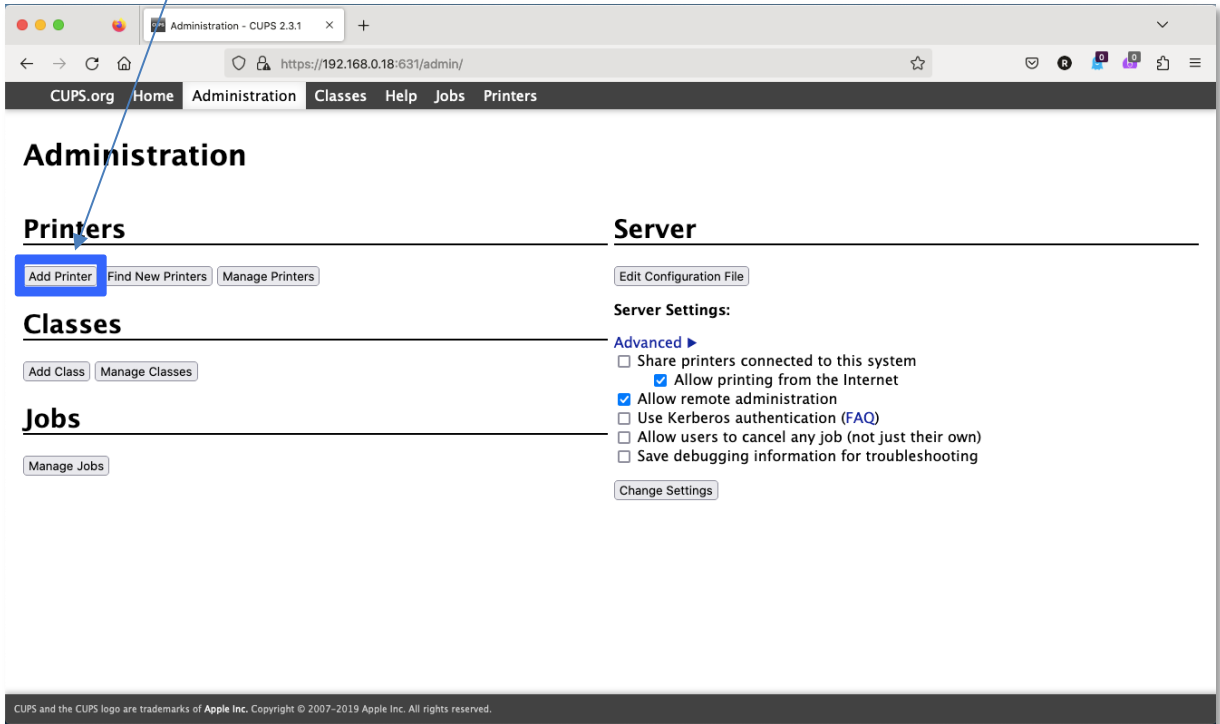
Once again Do not worry about this window and click on **[Advanced...]**



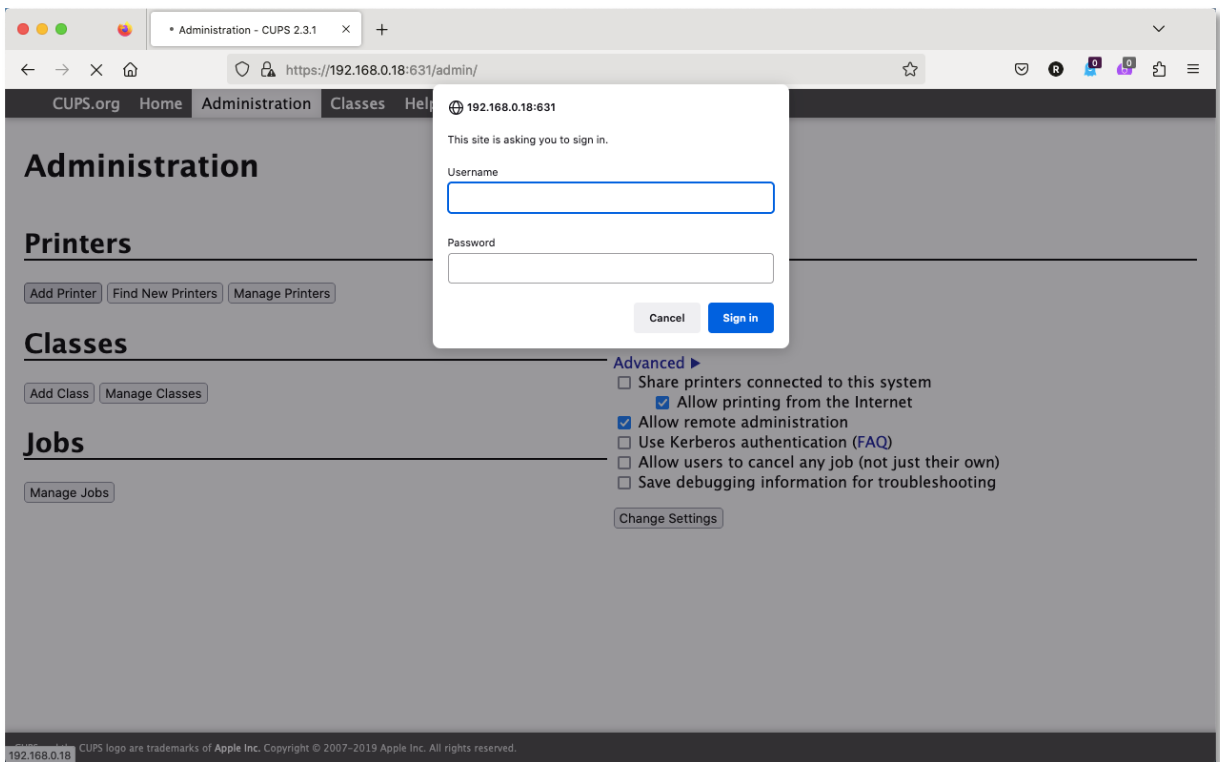
Click on **[Advanced...]** and then click on **[Accept the Risk and continue]**



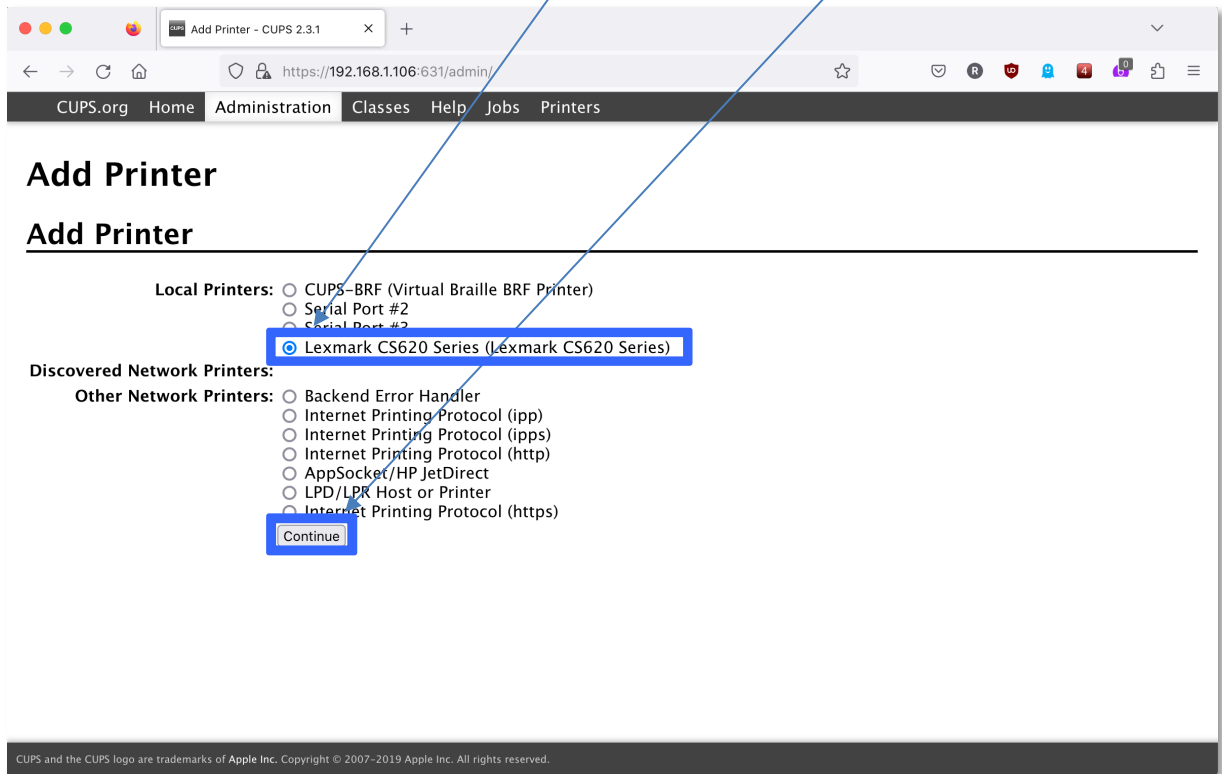
Click on **[Add Printer]**



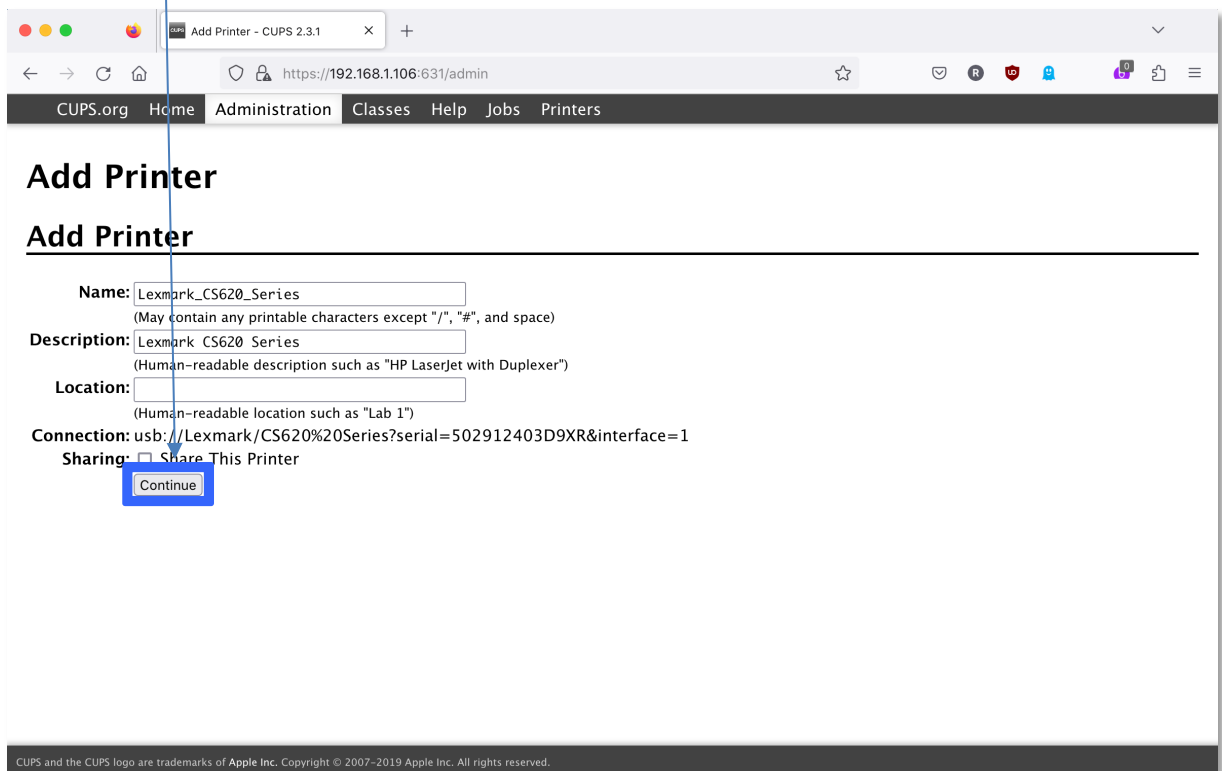
Enter the Username : **“nanorip”** and the password : **“nanorip”**



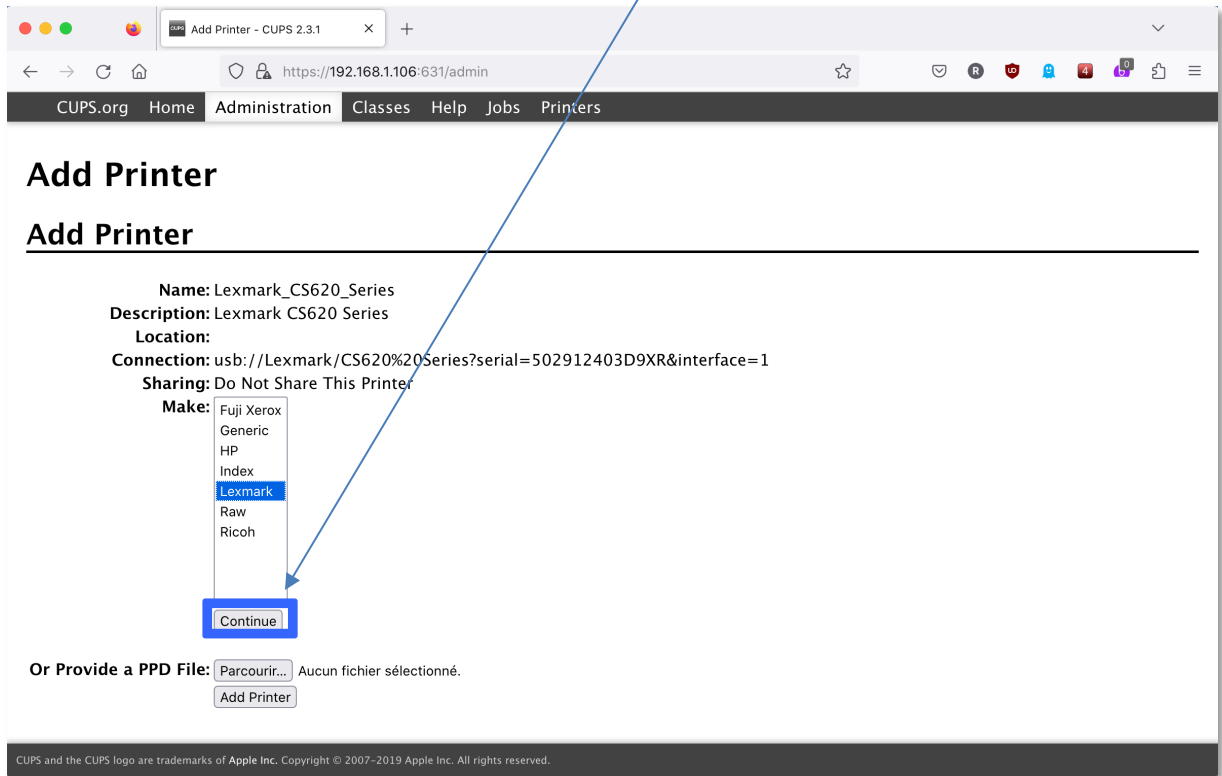
In Local Printers, select your printer model and click [Continue]



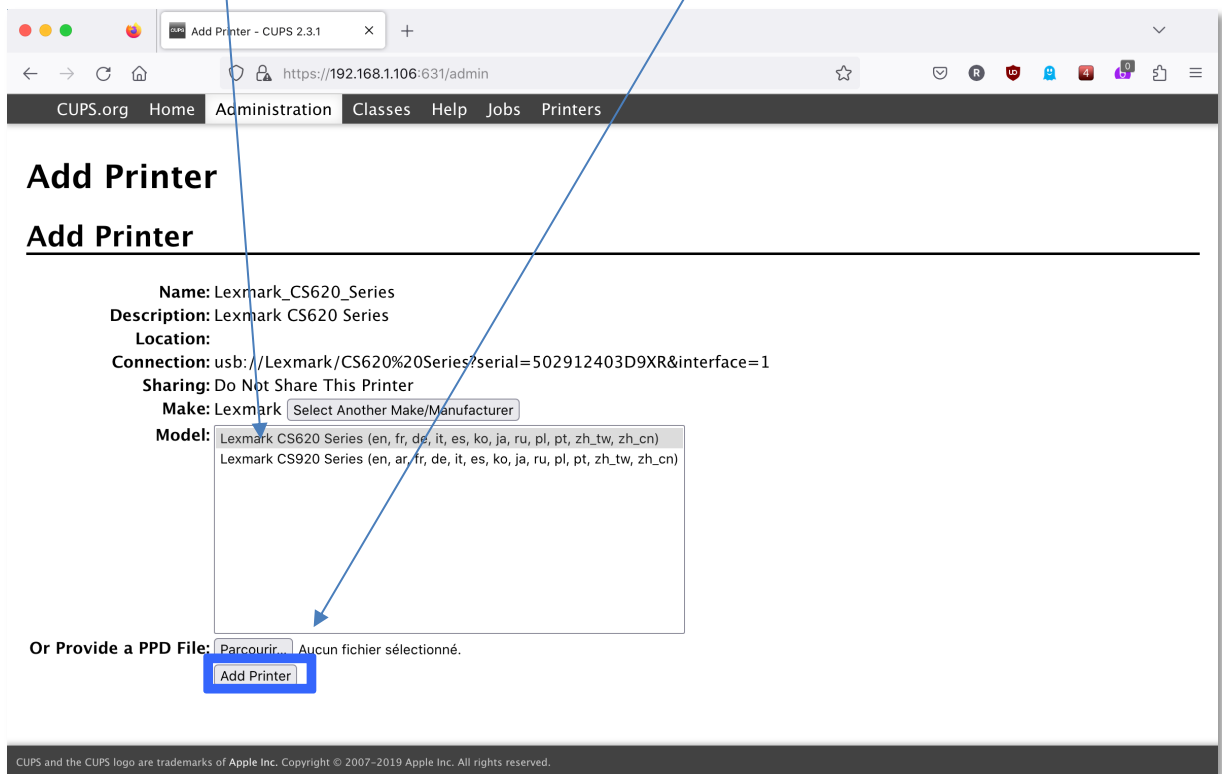
Click on [Continue].



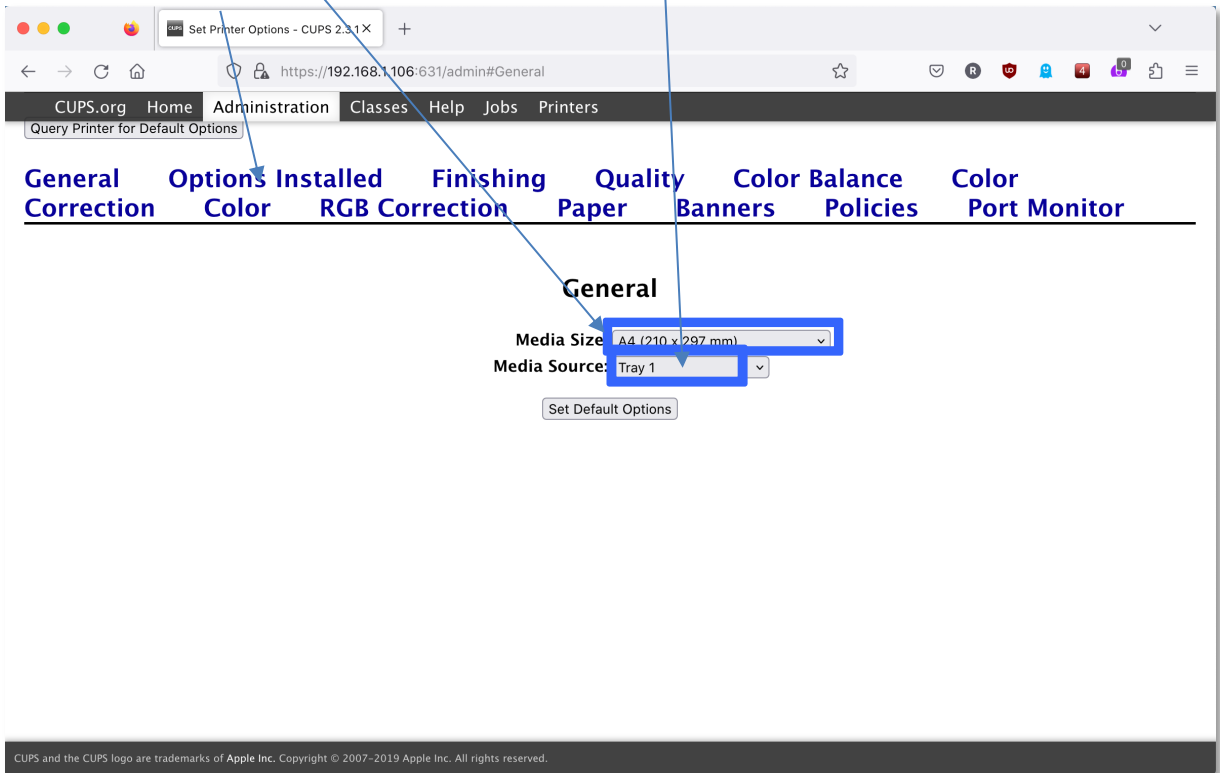
Select Lexmark manufacturer and click [Continue].



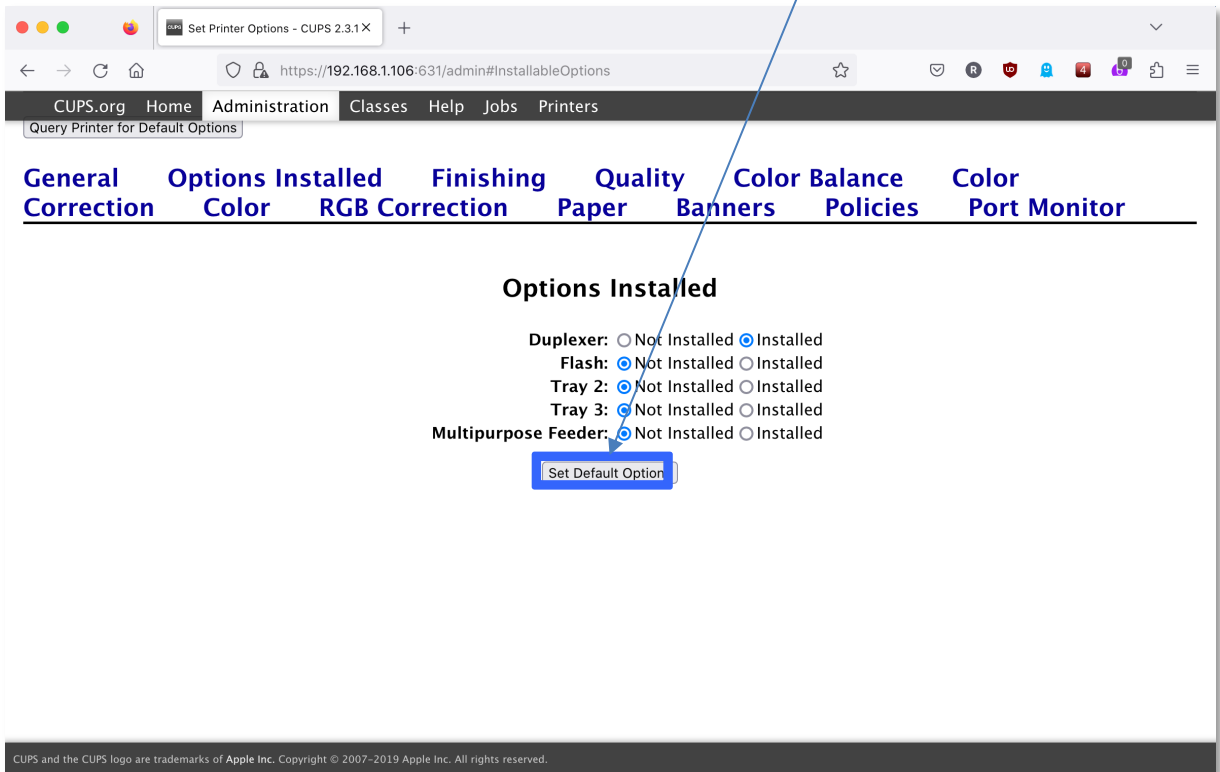
Select your printer model and then click [Add Printer]



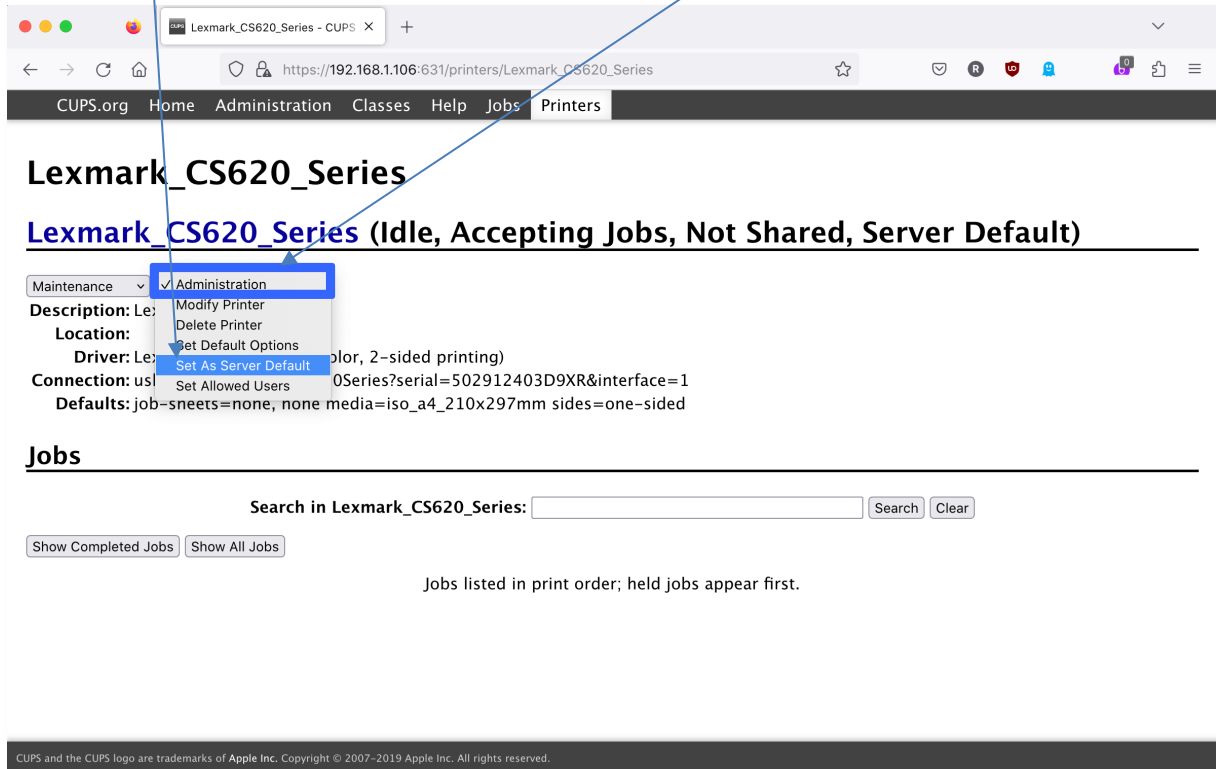
Adjust the [Media Size] to “A4” and [Media Source] to “Tray1” and then Click [Options Installed]



Adjust the number of trays and then Click [Set Default Options]



Set the printer as default printer by click on [Administration] and then select [Set As Server Default]



Your printer is ready to work, you can close the window.

**CAUTION!**

**You must define the printer as default in order than NanoRIP print the images.**