



# **Linux Driver Installation Procedure**

**RP3200 Gold**

**RP3300**

**RP4150**

**RP35 Gold**

## **Revision History**

<b>Date</b>	<b>Revision</b>	<b>Description</b>
04-01-2011	Rev 1.0	Initial Version

This instruction was written on the assumption that CUPS is installed correctly.

To install the below files, **you must log in as "root" user**. Or you must **execute "su" to become a "root"**.

1. Copy the **RPXXXX.ppd** file (where, XXXX = 3200Gold/3300/4150/35Gold) to /usr/share/cups/model directory.

Execute the following command.

```
Cp RPXXXX.ppd /usr/share/cups/model
```

2. Copy the rastertocbm1k (or) rastertocds500 file to /usr/lib/cups/filter directory.

Execute the following command.

```
Cp rastertocbm1k /usr/lib/cups/filter (For RP3200Gold, RP3300, RP4150)
```

```
Cp rastertocds500 /usr/lib/cups/filter (For RP35Gold)
```

3. Restart the CUPS to recognize the above copied files.

Execute the following command.

**For REDHAT LINUX:**

```
/etc/rc.d/init.d/cups restart
```

**For SUSE LINUX:**

```
/etc/rc.d/cups restart
```

**For UBUNTU LINUX:**

```
/etc/init.d/cups restart
```

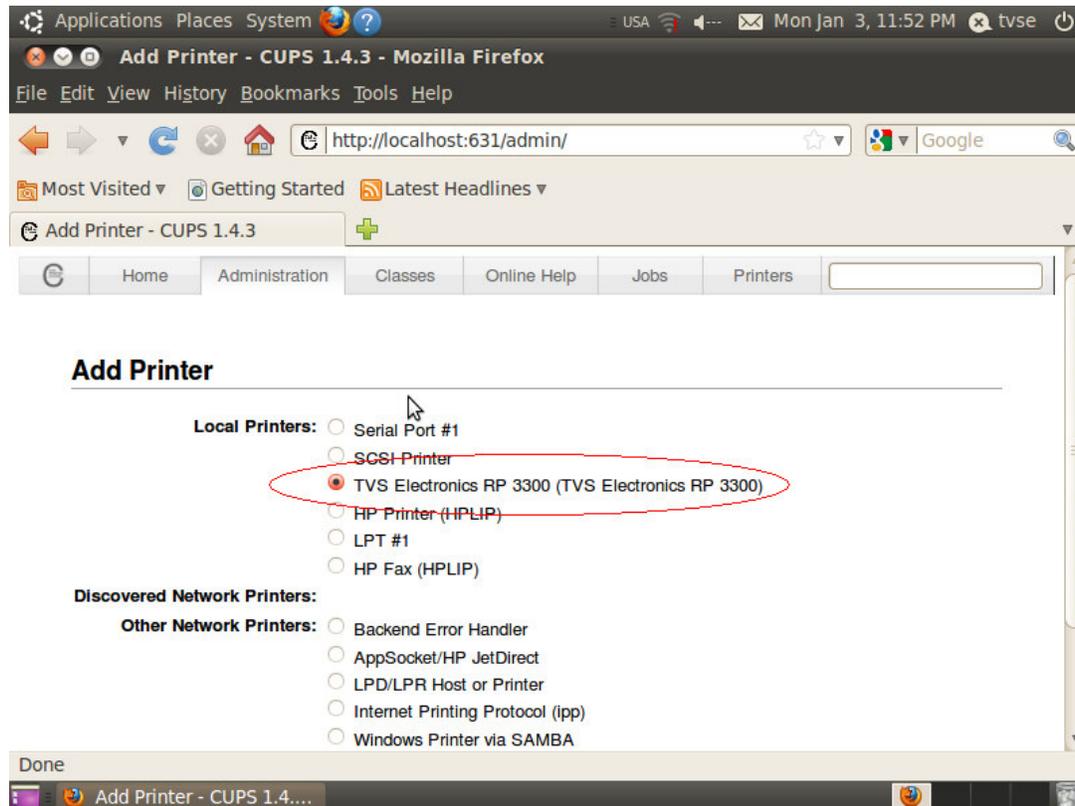
There are two ways to add printer,

1. One is through browser &
2. Another one is through printing options from "Computer" menu.

### Adding Printer through Browser:

Start a browser (Mozilla) in your computer, and access to administration page by typing the following address in address bar: <http://localhost:631/>

Click "Add Printer" on your browser. Select the Corresponding Printer Model from Local Printers.



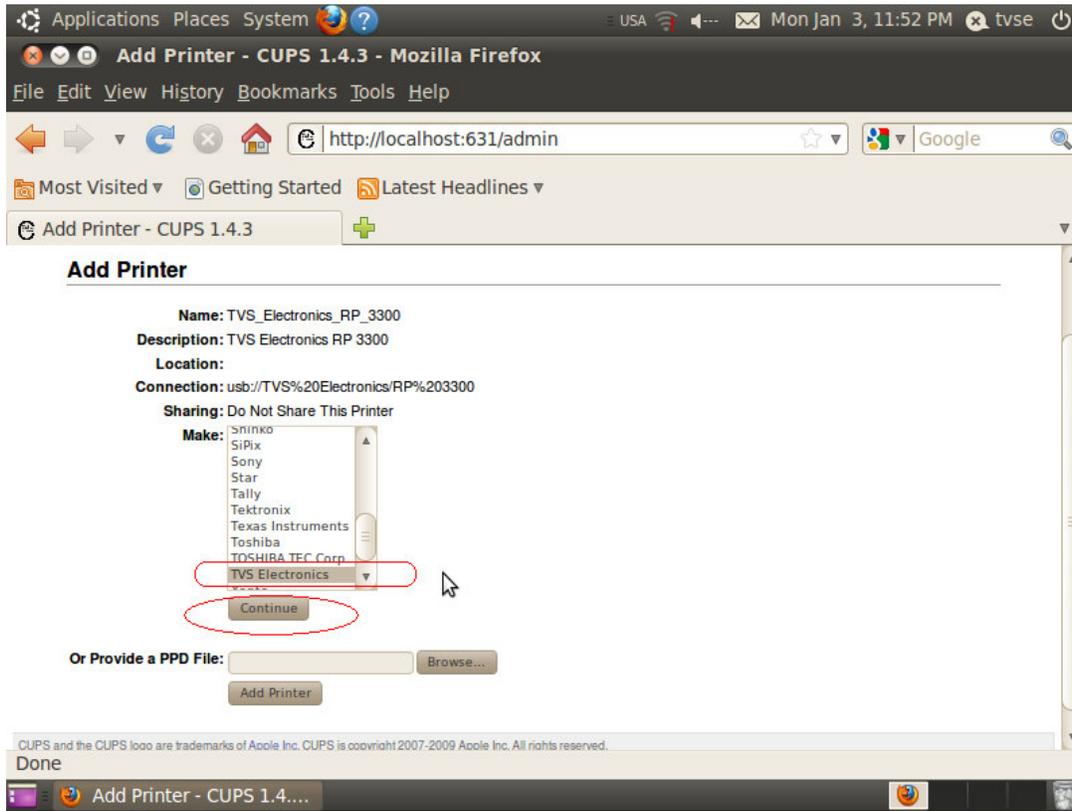
Click “Continue”

The screenshot shows a Mozilla Firefox browser window at the URL `http://localhost:631/admin`. The page title is "Add Printer - CUPS 1.4.3". The browser's address bar and menu bar are visible. The page content includes a navigation menu with "Home", "Administration", "Classes", "Online Help", "Jobs", and "Printers". The main content area is titled "Add Printer" and contains the following form fields:

- 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://TVS%20Electronics/RP%203300`
- Sharing:**  Share This Printer

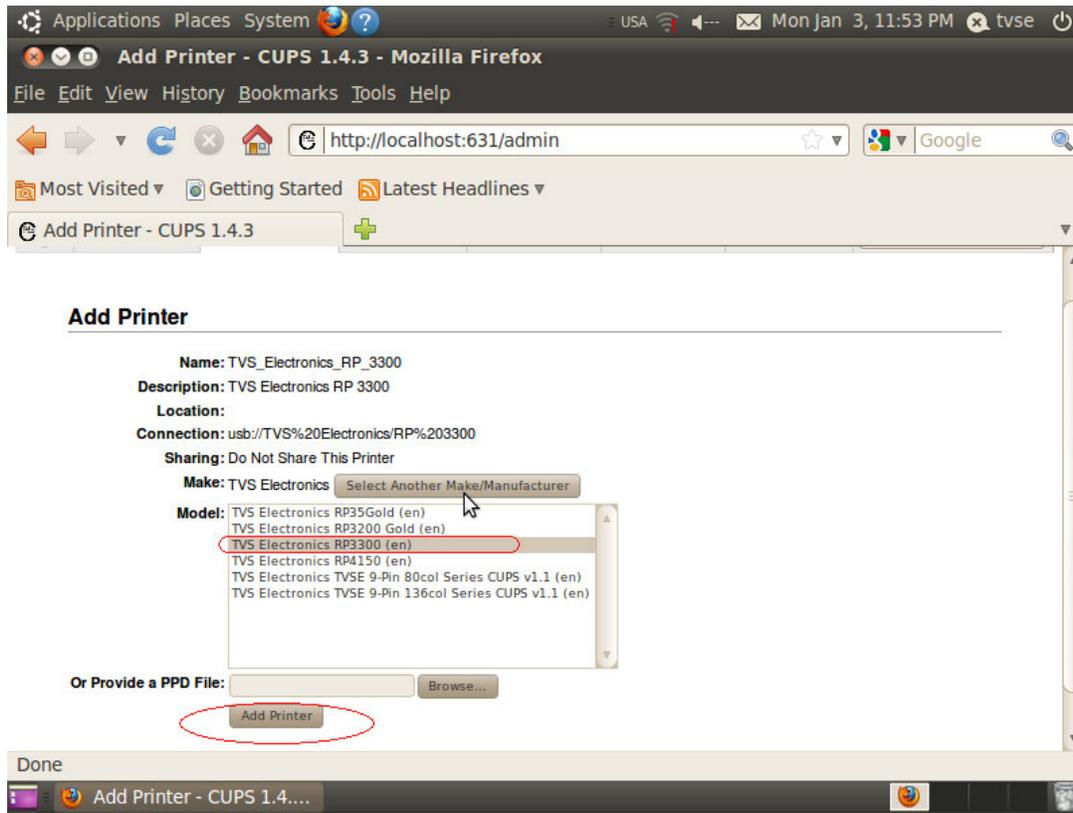
A "Continue" button is located below the form fields and is circled in red. At the bottom of the page, there is a footer: "CUPS and the CUPS logo are trademarks of Apple Inc. CUPS is copyright 2007-2009 Apple Inc. All rights reserved." The browser's status bar shows "Done" and the active window is "Add Printer - CUPS 1.4....".

Next, the browser shows a list of manufacturers.  
Choose "TVS Electronics" and click "Continue".

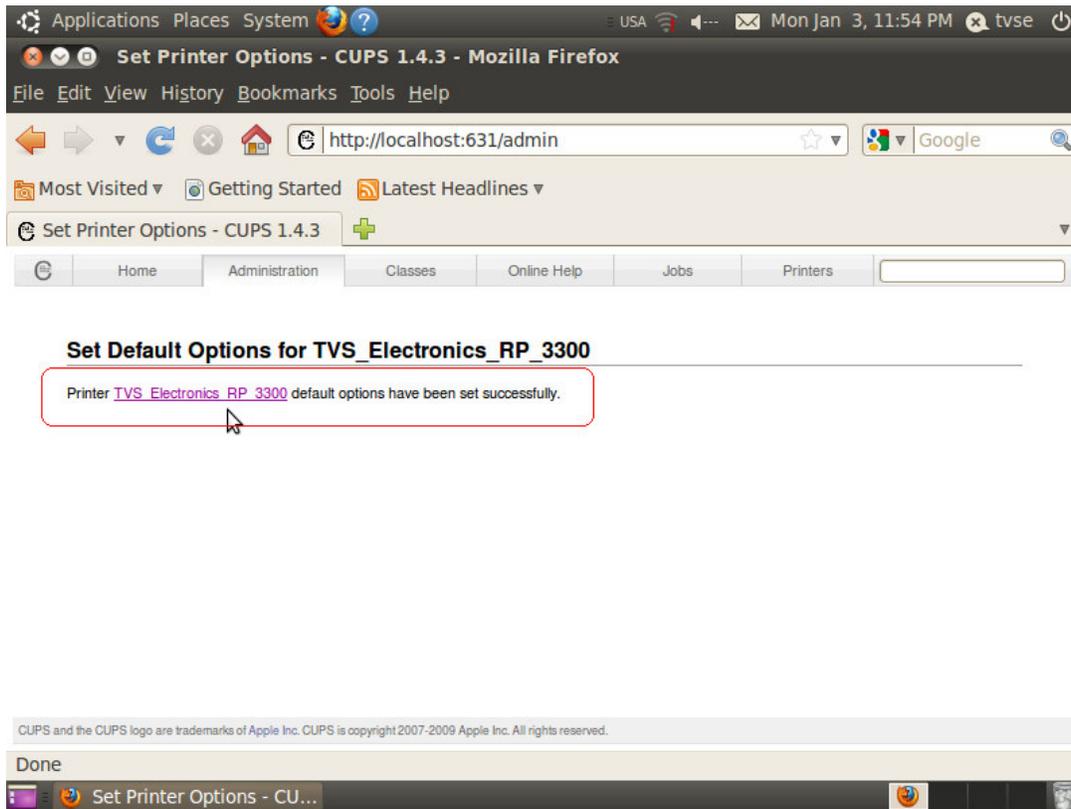


Next, browser shows a list of models.

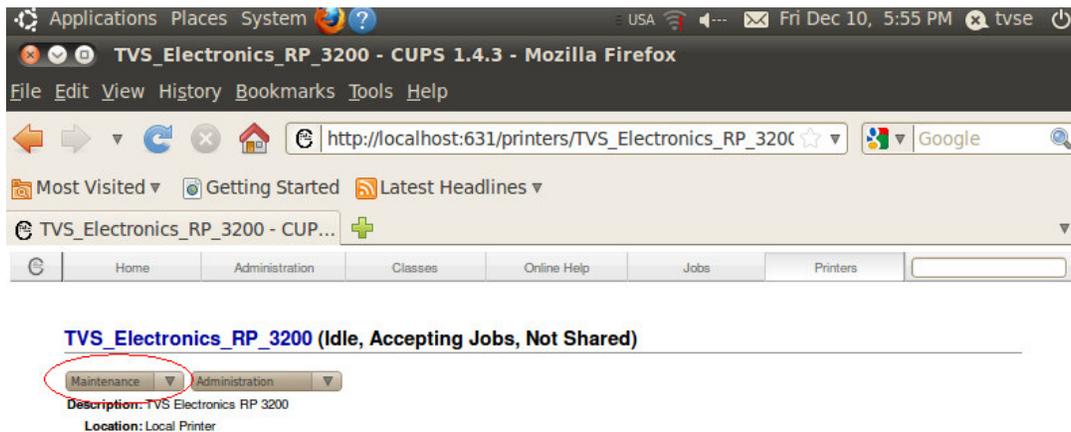
Choose a model to be installed, and click "Add Printer"



If the below screen would be displayed, installation is completed. Click "Printers" in the menu bar displayed in upper area.



Check that the information about installed printer is displayed and take Test Page from "Maintenance"



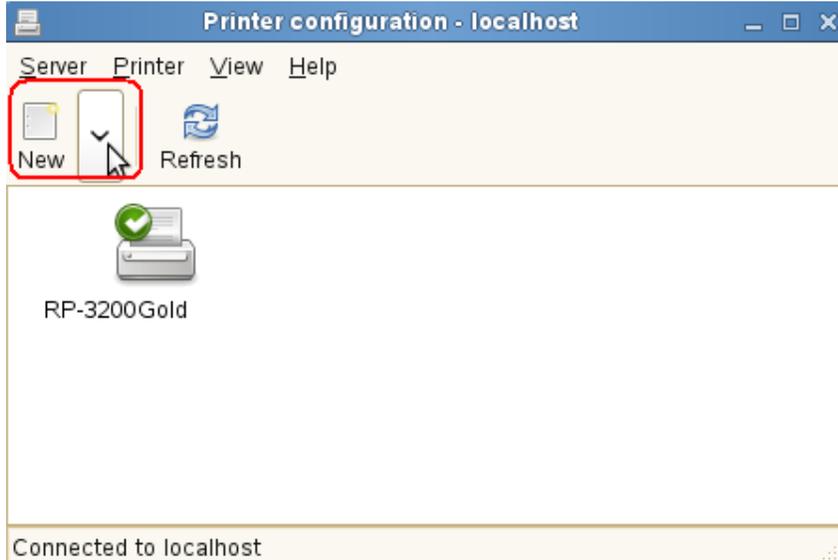
After the printer is added, set it up (paper size, etc). And set this as a default printer, if it is needed.

**Adding Printer through Printing Options from Computer Menu:**

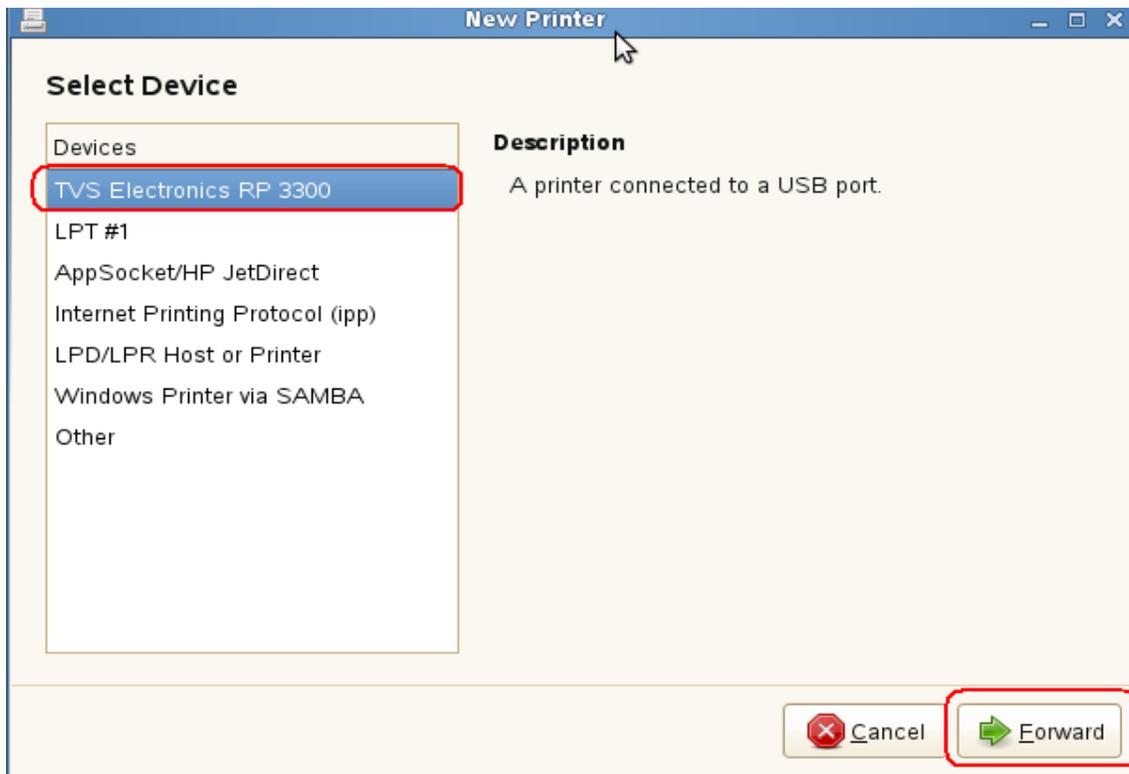
Choose “Printing” from Computer menu available at the task bar.



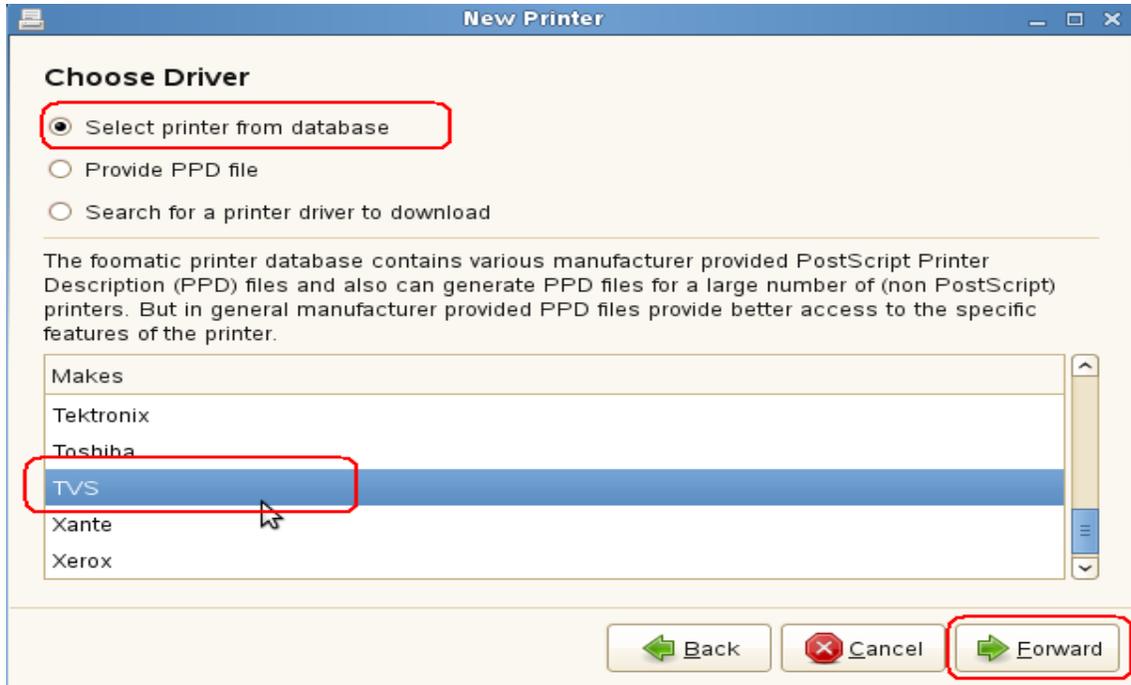
**Add a new printer through New menu.**



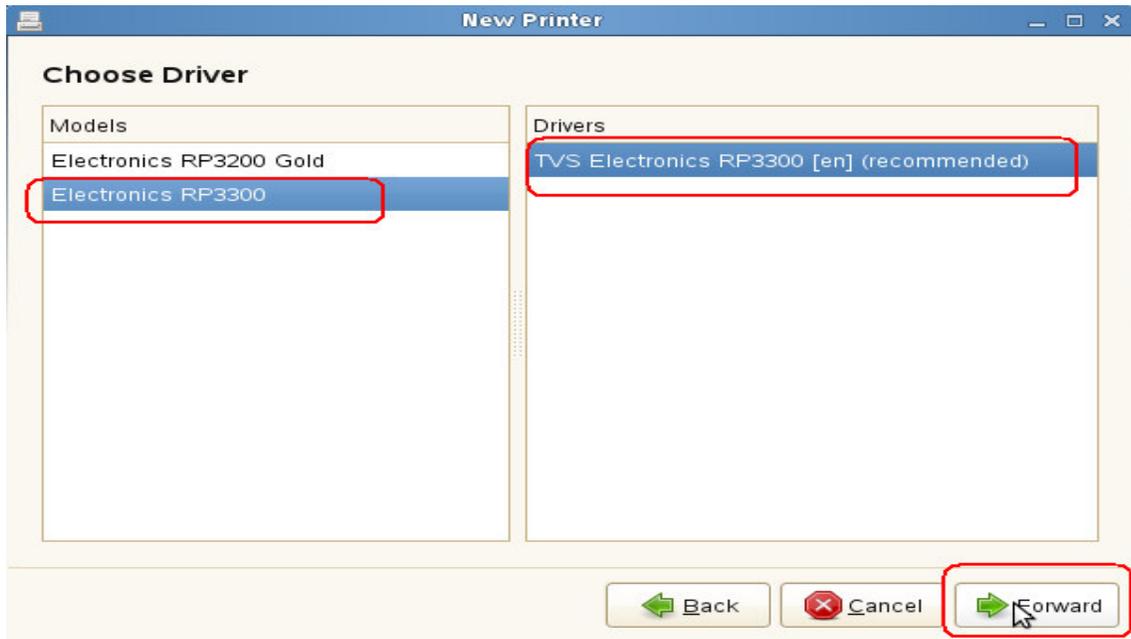
**Select the corresponding device from the left panel and click “Forward”**



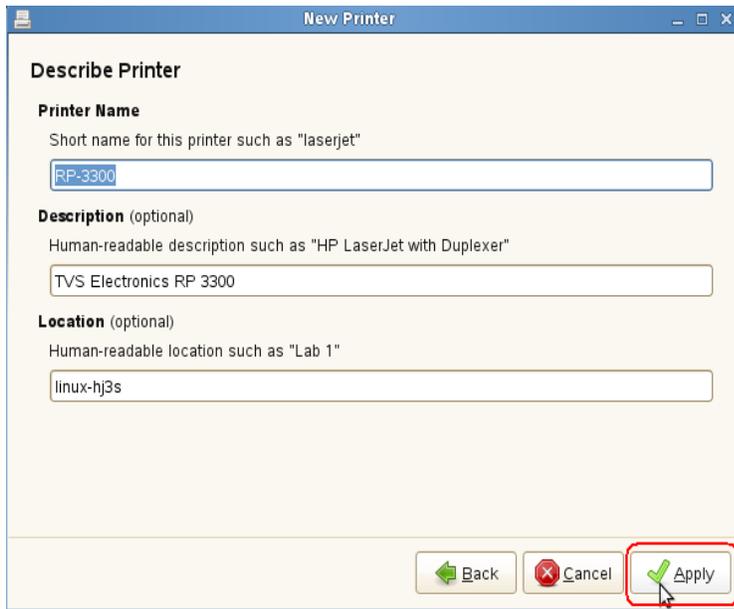
Select the manufacturer name as “TVS” and click “Forward”



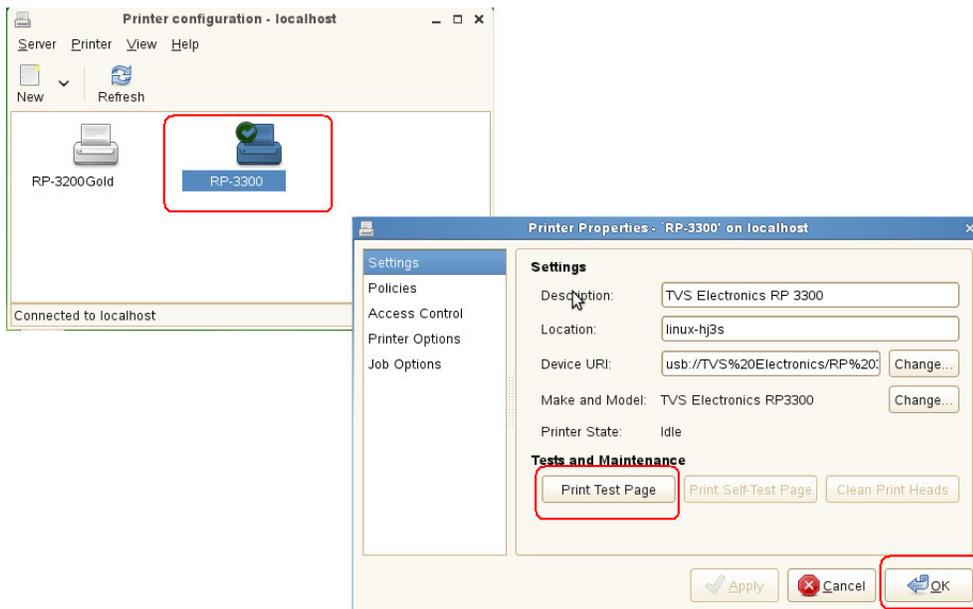
Choose the Driver name from the left panel and corresponding driver from the right panel and click “Forward”



Click “Apply”



Now the Printer RP3300 will be added in printing window. Right Click on the printer and set it as default printer (if it is needed) and take test page.



For Serial Interface follow the same procedure above:

**Do the following settings in PC side:**

Baud Rate : 9600BPS

Parity : None

Data : 8 Bits

Flow : Software (XON/XOFF)

**Do the following settings in Printer side:**

Baud Rate : 9600BPS

Parity : None

Data : 8 Bits

Flow : DTR