

TSC 64 bit Linux Driver Installation and Setup

V. 0.2.02-x86_64

March, 2010

Install TSC 64 bit Linux Driver under openSuSE 11

Installation

```
sam3206@linux-3ek7:~  
File Edit View Terminal Tabs Help  
sam3206@linux-3ek7:~> ls  
bin Desktop Documents public_html tscdriver-0.2.02-x86_64.tar.gz  
sam3206@linux-3ek7:~> su  
Password:  
linux-3ek7:/home/sam3206 # tar -xzf tscdriver-0.2.02-x86_64.tar.gz  
tscdriver-0.2.02/  
tscdriver-0.2.02/ppd/  
tscdriver-0.2.02/ppd/TTP-244Plus.ppd  
tscdriver-0.2.02/ppd/TTP-342Pro.ppd  
tscdriver-0.2.02/ppd/TTP-343C.ppd  
tscdriver-0.2.02/ppd/TTP-344C.ppd  
tscdriver-0.2.02/ppd/TTP-346M.ppd  
tscdriver-0.2.02/ppd/TTP-343Plus.ppd  
tscdriver-0.2.02/ppd/TTP-246MPlus.ppd  
tscdriver-0.2.02/ppd/TTP-244CE.ppd  
tscdriver-0.2.02/ppd/TTP-243Pro.ppd  
tscdriver-0.2.02/ppd/TDP-247.ppd  
tscdriver-0.2.02/ppd/TTP-245C.ppd  
tscdriver-0.2.02/ppd/TTP-247.ppd  
tscdriver-0.2.02/ppd/TTP-245Plus.ppd  
tscdriver-0.2.02/ppd/TTP-243EPro.ppd  
tscdriver-0.2.02/ppd/TTP-2410M.ppd  
tscdriver-0.2.02/ppd/TTP-344.ppd  
tscdriver-0.2.02/ppd/TTP-384M.ppd  
tscdriver-0.2.02/ppd/TTP-344MPlus.ppd  
tscdriver-0.2.02/ppd/TDP-245C.ppd  
tscdriver-0.2.02/ppd/TDP-245Plus.ppd  
tscdriver-0.2.02/ppd/TTP-644M.ppd  
tscdriver-0.2.02/tscprintersetting.desktop  
tscdriver-0.2.02/rastertotspl  
tscdriver-0.2.02/thermalprinterui  
tscdriver-0.2.02/thermalprinterut  
tscdriver-0.2.02/install-driver  
tscdriver-0.2.02/uninstall-driver  
tscdriver-0.2.02/thermalprinterui.png  
linux-3ek7:/home/sam3206 # ls  
ls: cannot access .gvfs: Permission denied  
.bash_history .dbus .fontconfig .gnome2_private .inputrc public_html .tomboy .xim.template  
.bashrc Desktop .fonts .gstreamer-0.10 .local .pulse .tomboy.log .xinitrc.template  
.beagle Documents .gconf .gvfs .mozilla .pulse-cookie tscdriver-0.2.02 .xsession-errors  
bin .emacs .gconfd .hplip .nautilus .recently-used.xbel tscdriver-0.2.02-x86_64.tar.gz  
.config .esd_auth .gnome2 .ICEauthority .profile .skel .wapi  
linux-3ek7:/home/sam3206 # cd tscdriver-0.2.02  
linux-3ek7:/home/sam3206/tscdriver-0.2.02 # ls  
install-driver ppd rastertotspl thermalprinterui thermalprinterui.png thermalprinterut tscprintersetting.desktop uninstall-driver  
linux-3ek7:/home/sam3206/tscdriver-0.2.02 # ./install-driver  
  
start <TSC Printer Driver (x86_64)> install.....  
start copy files.....  
restart spooler - CUPS  
Shutting down cupsd  
Starting cupsd  
install driver completed  
  
done  
done  
  
linux-3ek7:/home/sam3206/tscdriver-0.2.02 #
```

Add a New Printer

1. Common Unix Printing System – CUPS
(Web Interface)
2. GNOME GUI Interface

Common Unix Printing System (Web Interface)

Add a Printer by CUPS (Web) 1/8

1. Open a web browser and type the <http://localhost:631> in the address bar.

Common UNIX Printing System 1.3.9

Home Administration Classes Documentation/Help Jobs Printers

Welcome!

These web pages allow you to monitor your printers and jobs as well as perform system administration tasks. Click on any of the tabs above or on the buttons below to perform a task.

Help Add Class **Add Printer** Manage Classes Manage Jobs Manage Printers Manage Server

If you are asked for a username and password, enter your login username and password or the "root" username and password.

About CUPS

CUPS provides a portable printing layer for UNIX®-based operating systems. It is developed and maintained by **Apple Inc.** to promote a standard printing solution. CUPS is the standard printing system used on MacOS® X and most Linux® distributions.

CUPS uses the **Internet Printing Protocol ("IPP")** as the basis for managing print jobs and queues and adds network printer browsing and PostScript Printer Description ("PPD") based printing options to support real-world printing.

For Printer Drivers and Assistance

Visit the official CUPS site for printer drivers and assistance:

www.cups.org

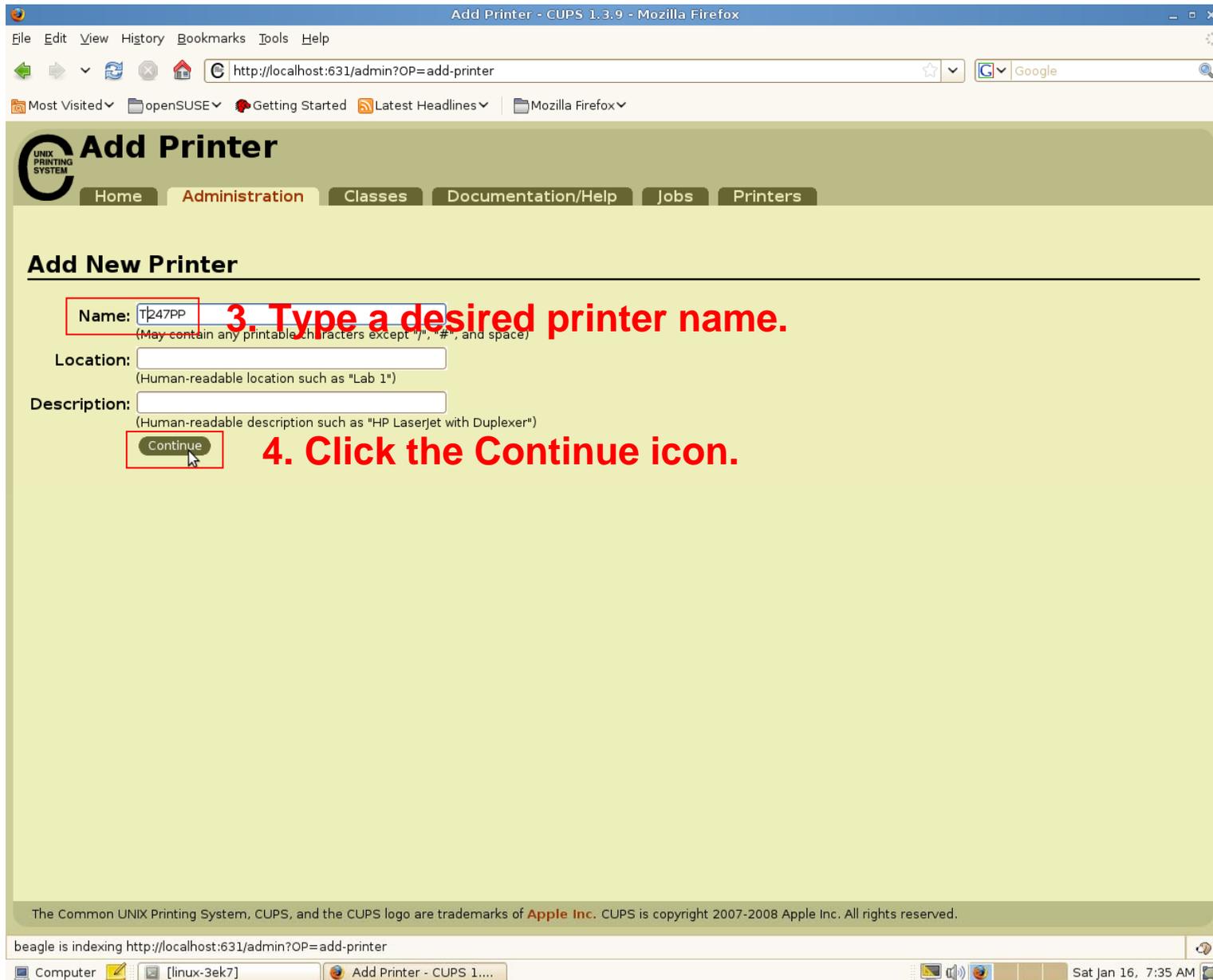
The Common UNIX Printing System, CUPS, and the CUPS logo are trademarks of **Apple Inc.** CUPS is copyright 2007-2008 Apple Inc. All rights reserved.

http://localhost:631/admin?OP=add-printer

Computer [linux-3ek7] Home - CUPS 1.3.9 - ... Sat Jan 16, 7:34 AM

2. Click the Add Printer icon.

Add a Printer by CUPS (Web) 2/8



The screenshot shows a web browser window titled "Add Printer - CUPS 1.3.9 - Mozilla Firefox". The address bar shows the URL "http://localhost:631/admin?OP=add-printer". The page content includes a navigation menu with "Administration" selected, and a form titled "Add New Printer". The form has three input fields: "Name:" with the value "T247PP", "Location:", and "Description:". A "Continue" button is at the bottom of the form. Red annotations highlight the "Name:" field and the "Continue" button with red boxes and red text instructions.

3. Type a desired printer name.

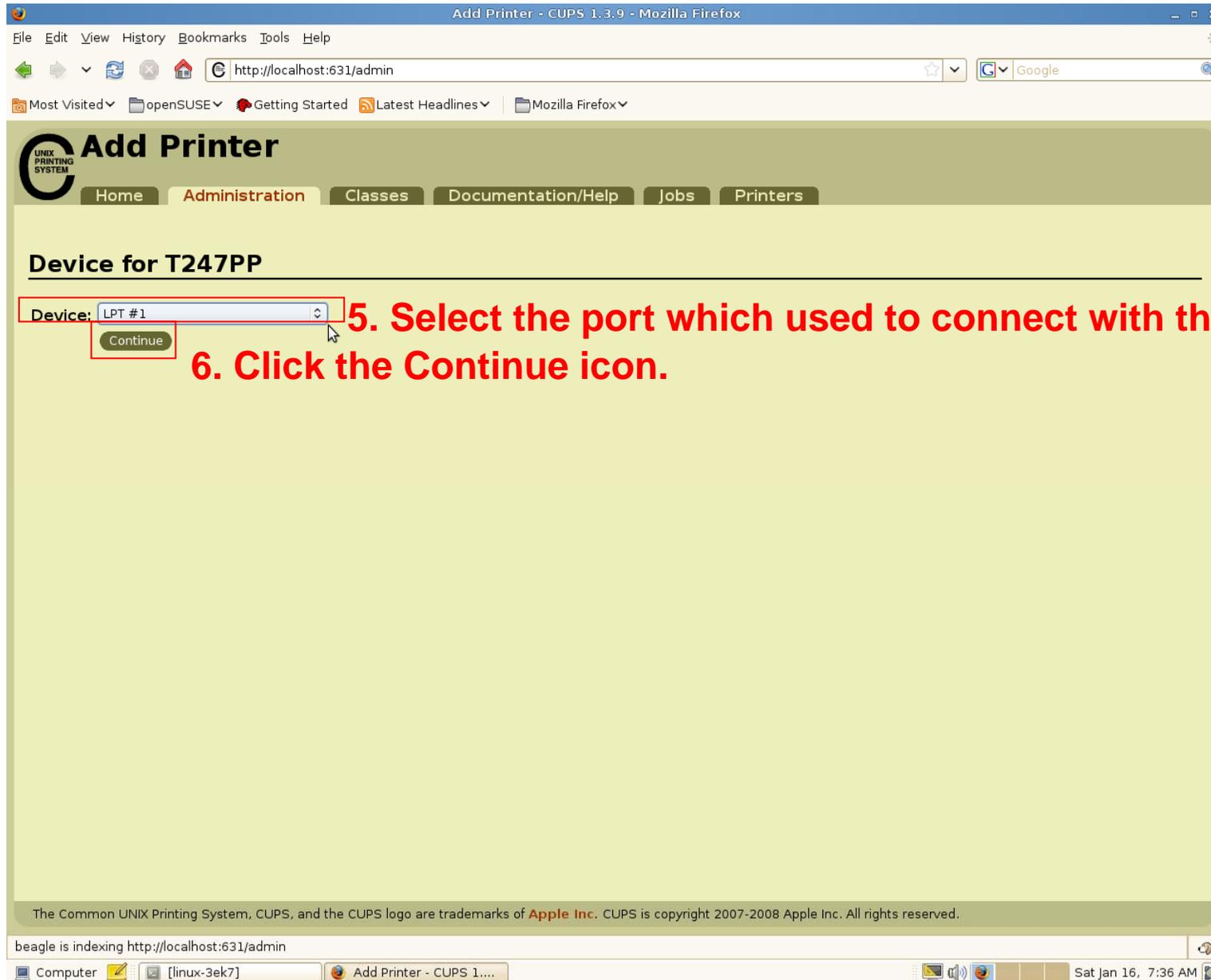
4. Click the Continue icon.

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beagle is indexing http://localhost:631/admin?OP=add-printer

Computer [linux-3ek7] Add Printer - CUPS 1... Sat Jan 16, 7:35 AM

Add a Printer by CUPS (Web) 3/8



The screenshot shows the CUPS web interface in a Mozilla Firefox browser window. The browser's address bar shows the URL `http://localhost:631/admin`. The page title is "Add Printer - CUPS 1.3.9 - Mozilla Firefox". The page content includes a navigation menu with "Administration" selected, and a section titled "Device for T247PP". In this section, there is a "Device:" label followed by a dropdown menu currently showing "LPT #1". A red box highlights the dropdown menu, and a red arrow points to it from the text "5. Select the port which used to connect with the printer." Below the dropdown menu is a "Continue" button, which is also highlighted with a red box. A red arrow points to this button from the text "6. Click the Continue icon." At the bottom of the page, there is a footer with the text: "The Common UNIX Printing System, CUPS, and the CUPS logo are trademarks of Apple Inc. CUPS is copyright 2007-2008 Apple Inc. All rights reserved." The browser's status bar at the bottom shows the system tray with the date and time: "Sat Jan 16, 7:36 AM".

5. Select the port which used to connect with the printer.

6. Click the Continue icon.

Add a Printer by CUPS (Web) 4/8

The screenshot shows the CUPS web interface in a Mozilla Firefox browser window. The page title is "Add Printer - CUPS 1.3.9 - Mozilla Firefox". The address bar shows "http://localhost:631/admin". The page has a navigation menu with "Home", "Administration", "Classes", "Documentation/Help", "Jobs", and "Printers". The main heading is "Add Printer" with the CUPS logo. Below it, the sub-heading is "Make/Manufacturer for T247PP". A dropdown menu for "Make:" is open, showing a list of manufacturers: Star, SUSE, Tally, Tektronix, Toshiba, TOSHIBA TEC Corp., TSC, Xante, Xerox, and Zebra. The "TSC" option is highlighted. A red box surrounds the "Continue" button below the dropdown. Red text annotations are present: "7. In the Make/Manufacturer, select TSC" and "8. Click the Continue icon." Below the dropdown, there is a field for "Or Provide a PPD File:" with a "Browse..." button and an "Add Printer" button. The footer contains a copyright notice: "The Common UNIX Printing System, CUPS, and the CUPS logo are trademarks of Apple Inc. CUPS is copyright 2007-2008 Apple Inc. All rights reserved." The system tray at the bottom shows the date and time: "Sat Jan 16, 7:37 AM".

7. In the Make/Manufacturer, select TSC

8. Click the Continue icon.

Add a Printer by CUPS (Web) 5/8

9. Select the printer driver by the desired model name.

10. Click the Add Printer icon.

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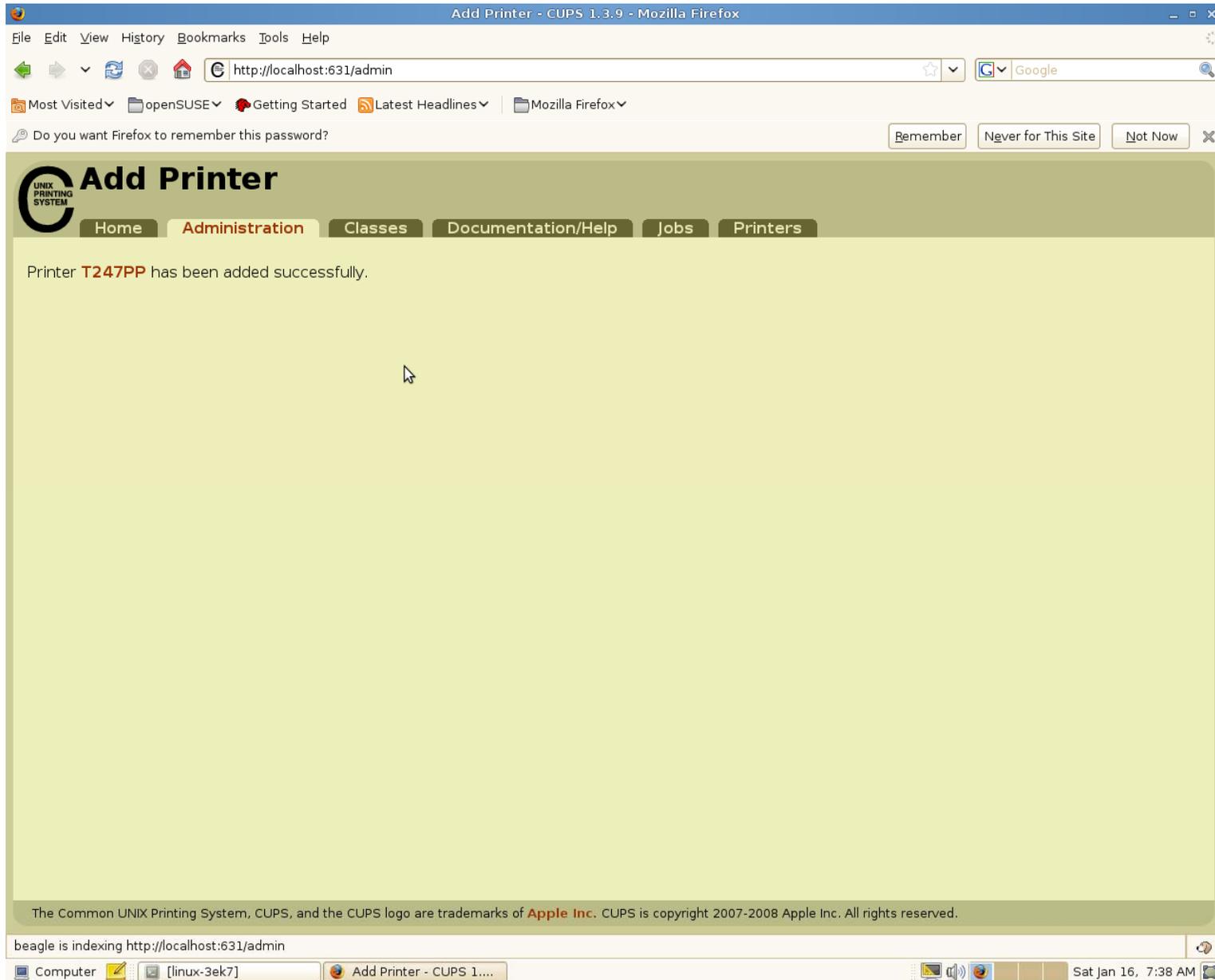
Add a Printer by CUPS (Web) 6/8

The screenshot shows the CUPS web interface in a Mozilla Firefox browser window. The browser address bar shows `http://localhost:631/admin`. The page title is "Add Printer - CUPS 1.3.9 - Mozilla Firefox". The page content includes a navigation menu with "Administration" selected, and a section titled "Model/Driver for T247PP". A dropdown menu for "Model:" is open, showing several printer models. An "Authentication Required" dialog box is overlaid on the page, with the "OK" button highlighted by a red box. The dialog box contains the following text: "A username and password are being requested by http://localhost:631. The site says: 'CUPS'". The "User Name:" field contains "root" and the "Password:" field contains a masked password. The "OK" button is highlighted with a red box.

11. Login using an account with administration privilege. e.g. "root" account.

12. Click the OK icon.

Add a Printer by CUPS (Web) 7/8



The screenshot shows a Mozilla Firefox browser window with the title "Add Printer - CUPS 1.3.9 - Mozilla Firefox". The address bar displays "http://localhost:631/admin". The browser's menu bar includes "File", "Edit", "View", "History", "Bookmarks", "Tools", and "Help". The search bar contains "Google". The browser's toolbar shows "Most Visited", "openSUSE", "Getting Started", "Latest Headlines", and "Mozilla Firefox". A password prompt asks "Do you want Firefox to remember this password?" with buttons for "Remember", "Never for This Site", and "Not Now".

The main content area features the "Add Printer" header with the "UNIX PRINTING SYSTEM" logo. Below the header is a navigation menu with tabs for "Home", "Administration", "Classes", "Documentation/Help", "Jobs", and "Printers". The "Administration" tab is selected. The main content area displays the message: "Printer **T247PP** has been added successfully." A mouse cursor is visible over the text.

At the bottom of the page, a footer reads: "The Common UNIX Printing System, CUPS, and the CUPS logo are trademarks of **Apple Inc.** CUPS is copyright 2007-2008 Apple Inc. All rights reserved."

The browser's status bar at the bottom shows "beagle is indexing http://localhost:631/admin". The system tray at the bottom of the screen includes icons for "Computer", "[linux-3ek7]", "Add Printer - CUPS 1...", and the system clock showing "Sat Jan 16, 7:38 AM".

Add a Printer by CUPS (Web) 8/8

Set Printer Options - CUPS 1.3.9 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost:631/admin/?OP=set-printer-options&PRINTER_NAME=T247PP

Most Visited openSUSE Getting Started Latest Headlines Mozilla Firefox

Do you want Firefox to remember this password? Remember Never for This Site Not Now

Set Printer Options

Home Administration Classes Documentation/Help Jobs Printers

T247PP: General

Page Size: 2 x 4 (2.00 in x 4.00 in)

Resolution: 203 dpi x 203 dpi

Collate: Yes No

T247PP: Media Setting

Method: Use Currently Printer Setting

Type: Label with Gaps

Post-Print Action: Tear Off

Occurrence: After Every Page

T247PP: Effects

Mirror Image: Yes No

Negative Image: Yes No

T247PP: Printer Options

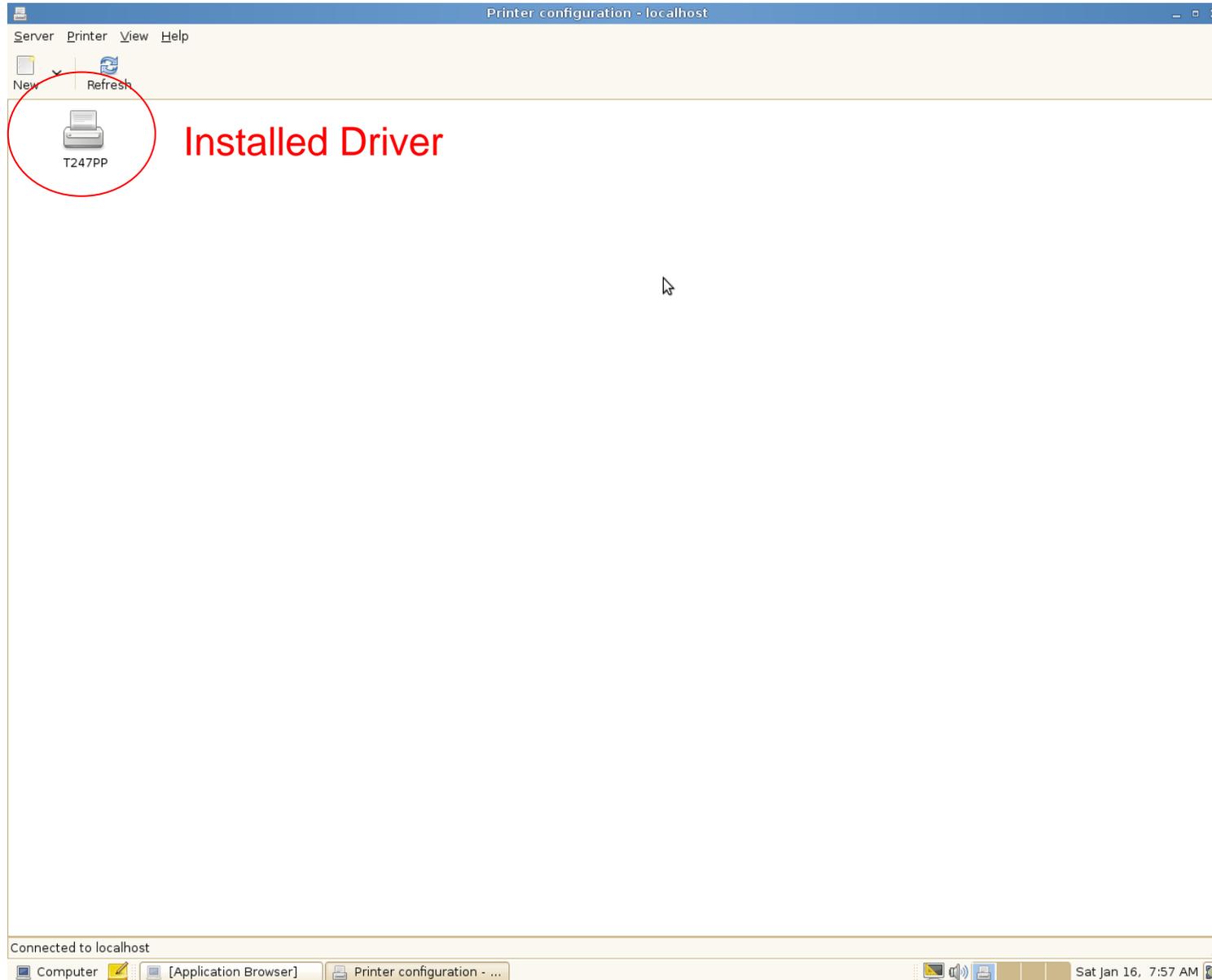
Print Speed: 6.00 in/sec

Darkness: 7

beagle is indexing http://localhost:631/admin/?OP=set-printer-options&PRINTER_NAME=T247PP

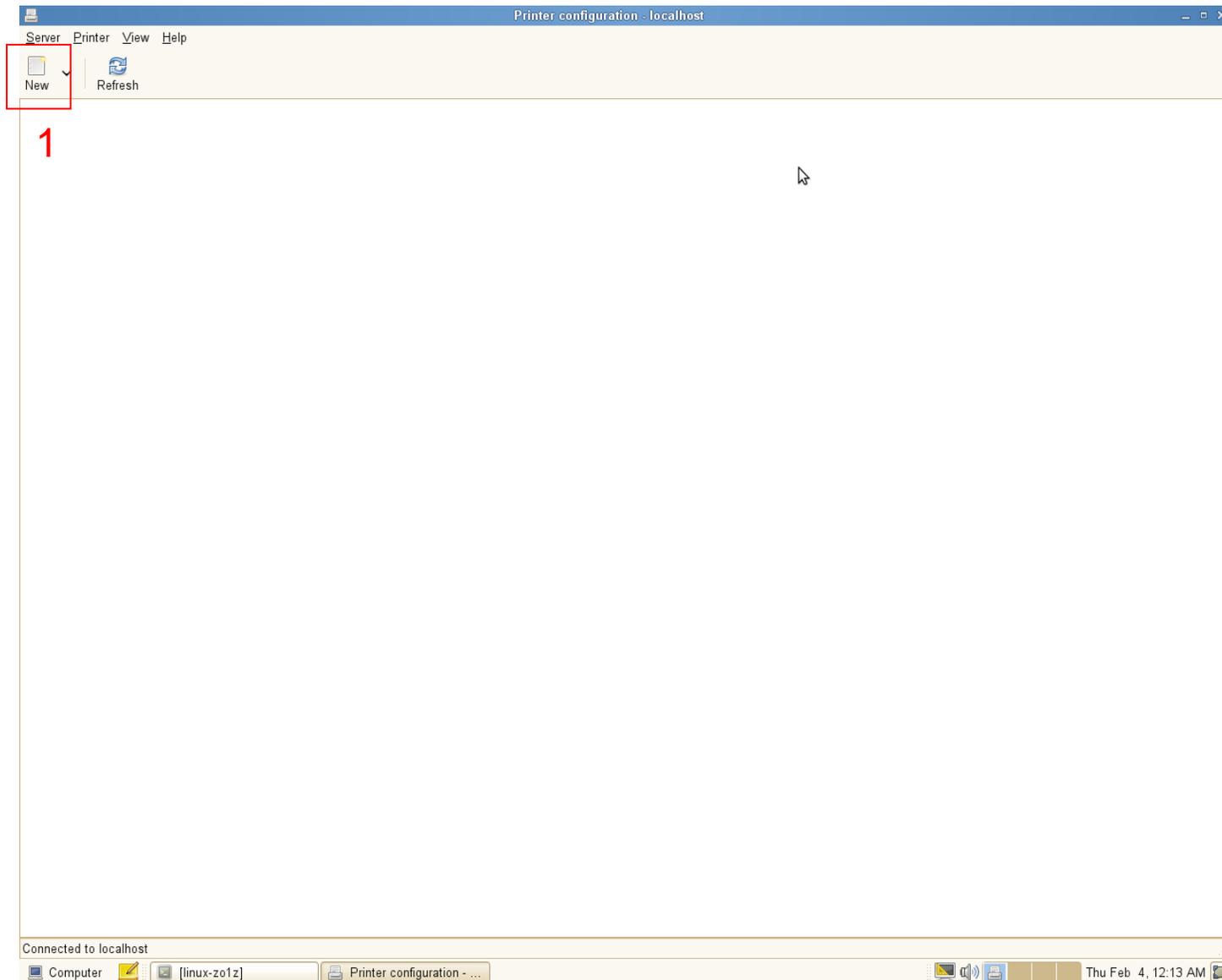
Computer [linux-3ek7] Set Printer Options - C... Sat Jan 16, 7:38 AM

Check the Installed Driver in the System/Printing Application

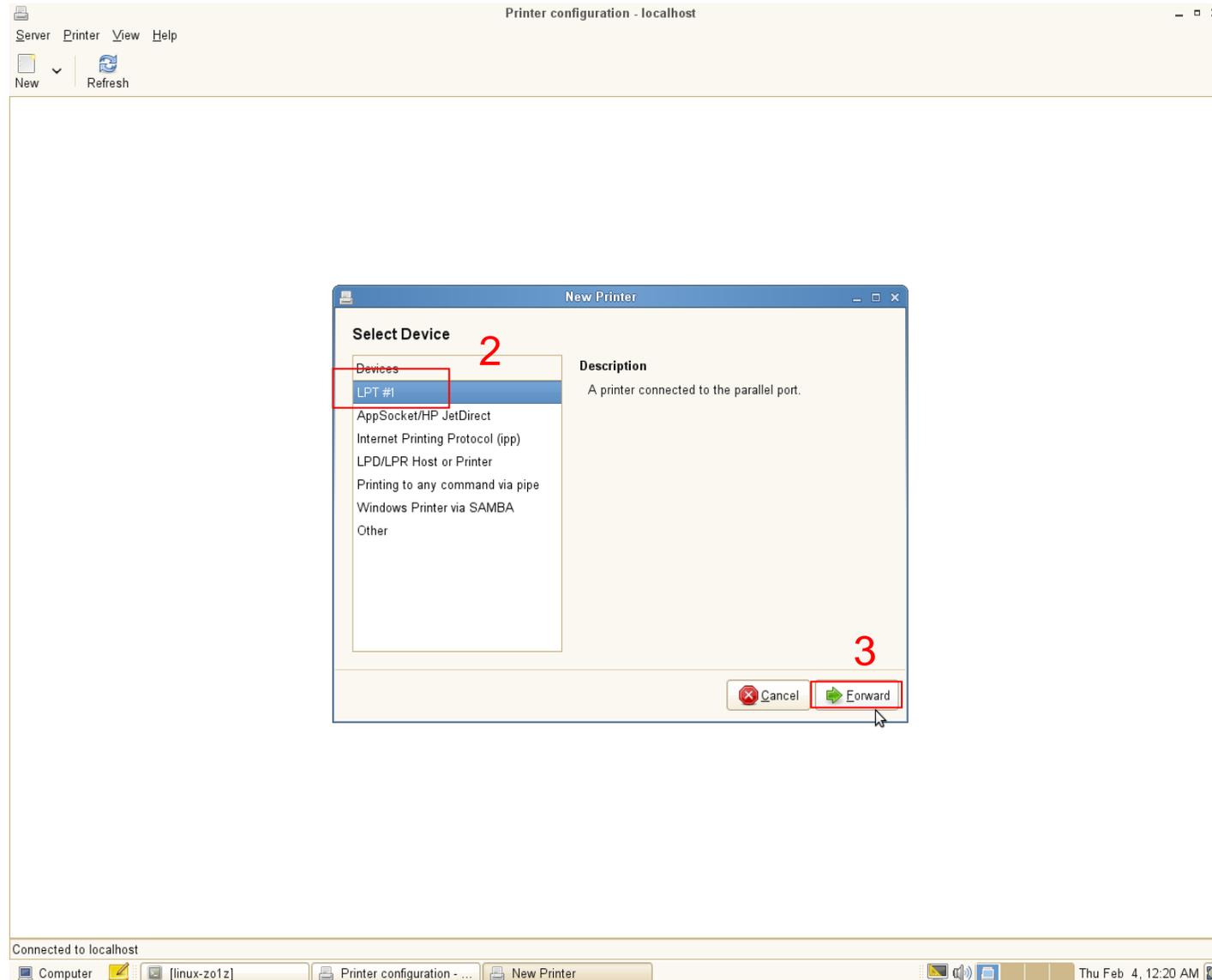


GNOME GUI Interface

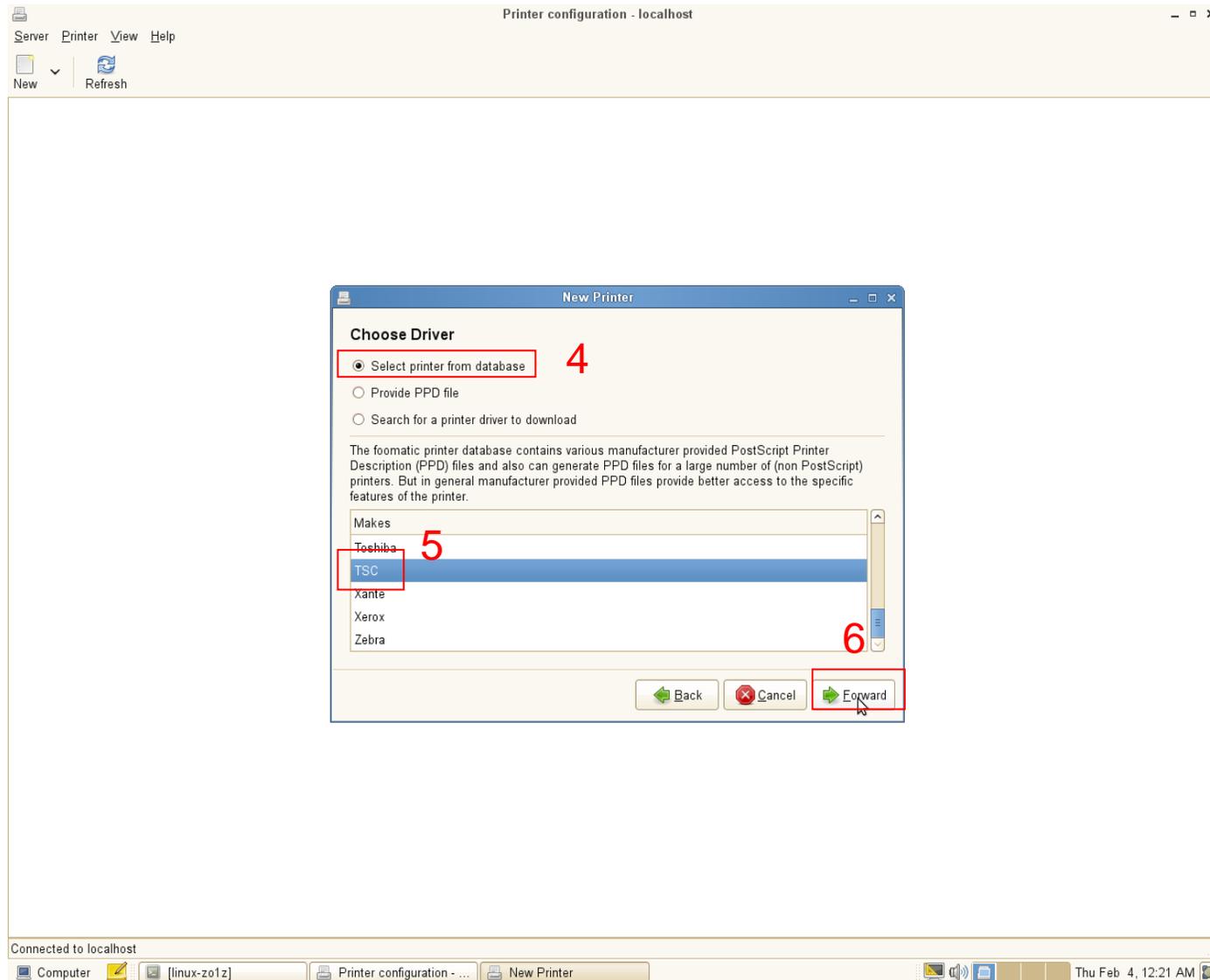
Add a Printer by GNOME (GUI) 1/7



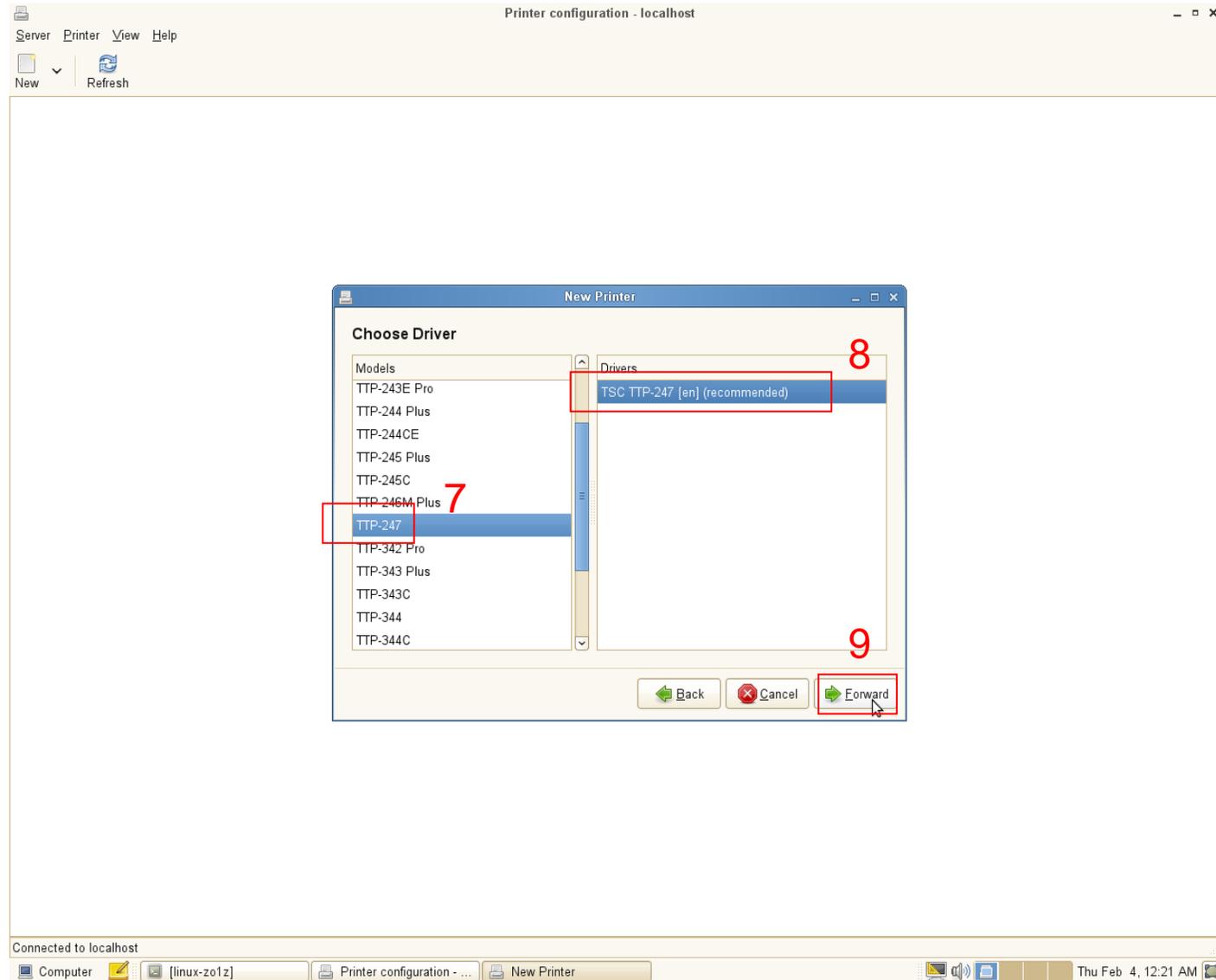
Add a Printer by GNOME (GUI) 2/7



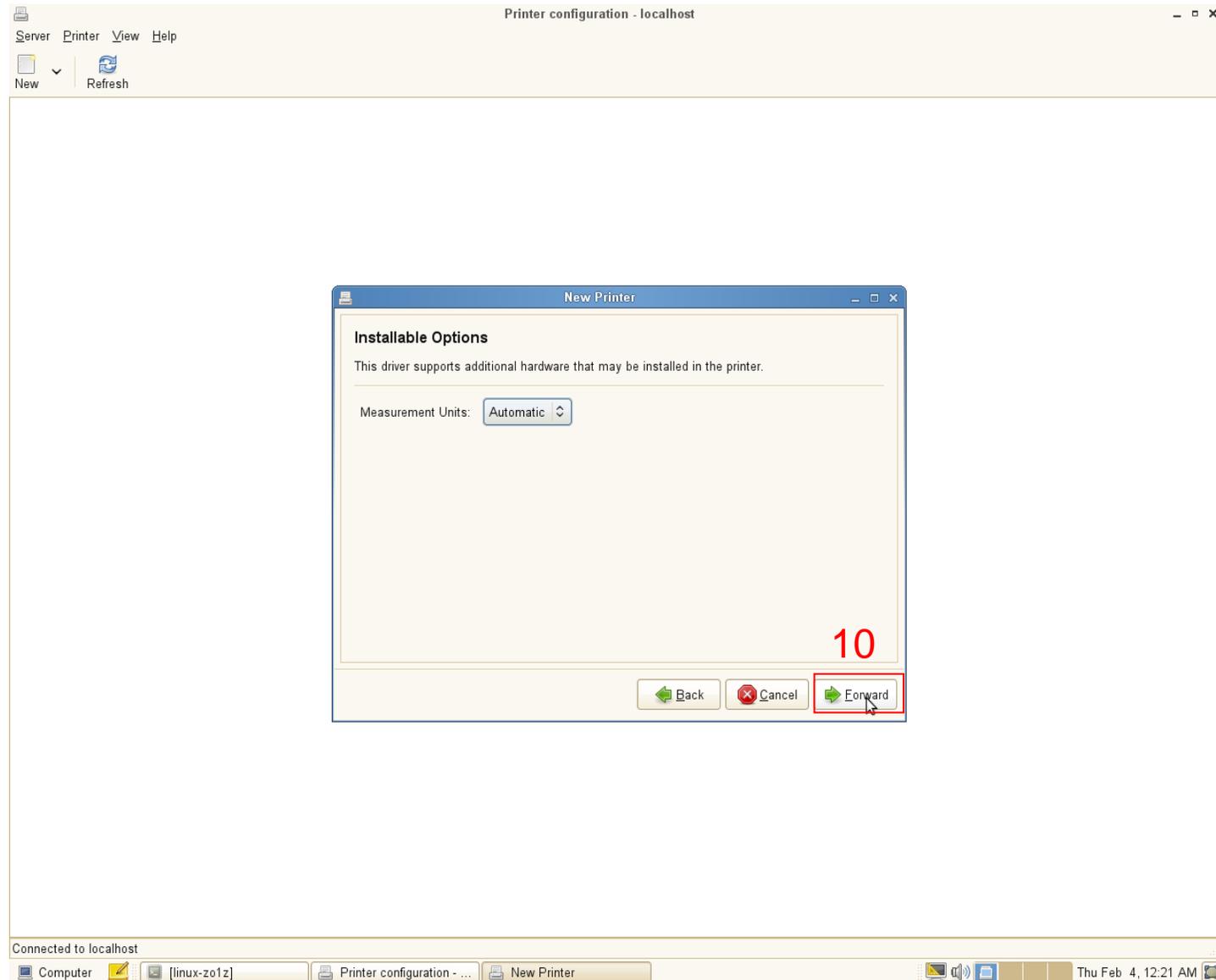
Add a Printer by GNOME (GUI) 3/7



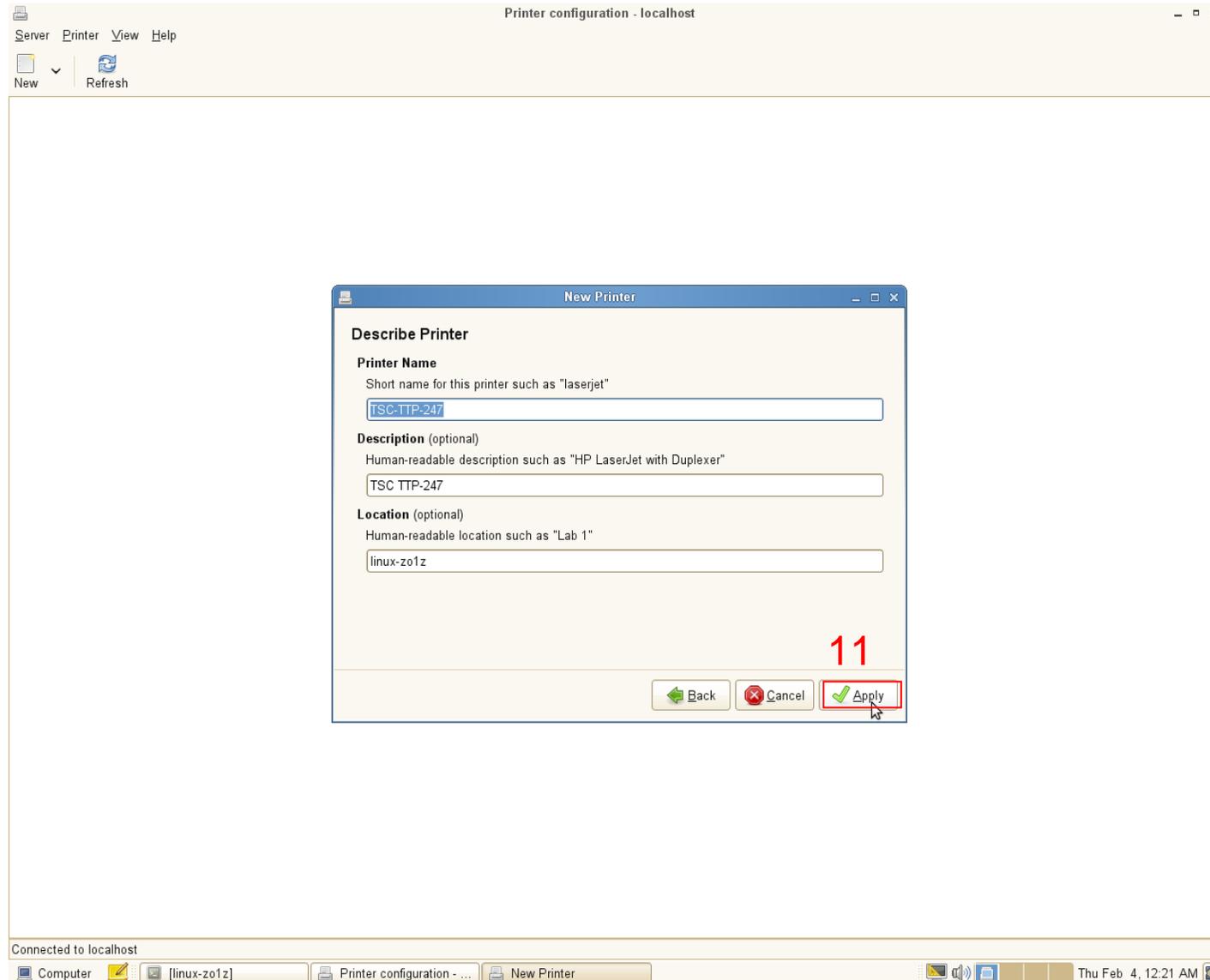
Add a Printer by GNOME (GUI) 4/7



Add a Printer by GNOME (GUI) 5/7



Add a Printer by GNOME (GUI) 6/7



Add a Printer by GNOME (GUI) 7/7

