

How to configure CUPS to use the UNE print-anywhere spool (1/4)

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:

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

Type in <http://localhost:631/> into the address bar of your favourite web browser
Click 'Add Printer'

Add Printer

Home Administration Classes Documentation/Help Jobs Printers

Add New Printer

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

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

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

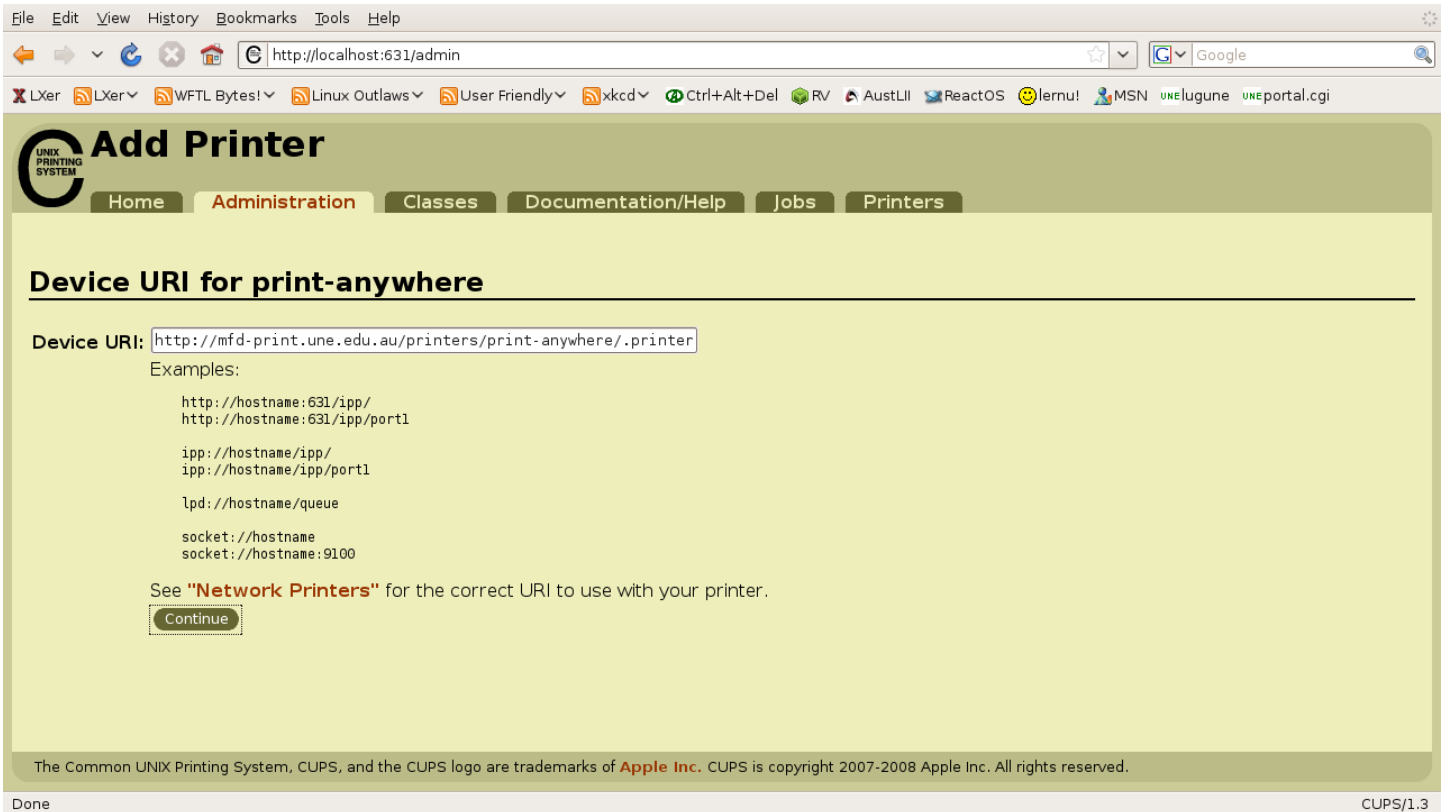
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Done CUPS/1.3

Type in the name, location, and description of the printer.
Make sure they are understandable

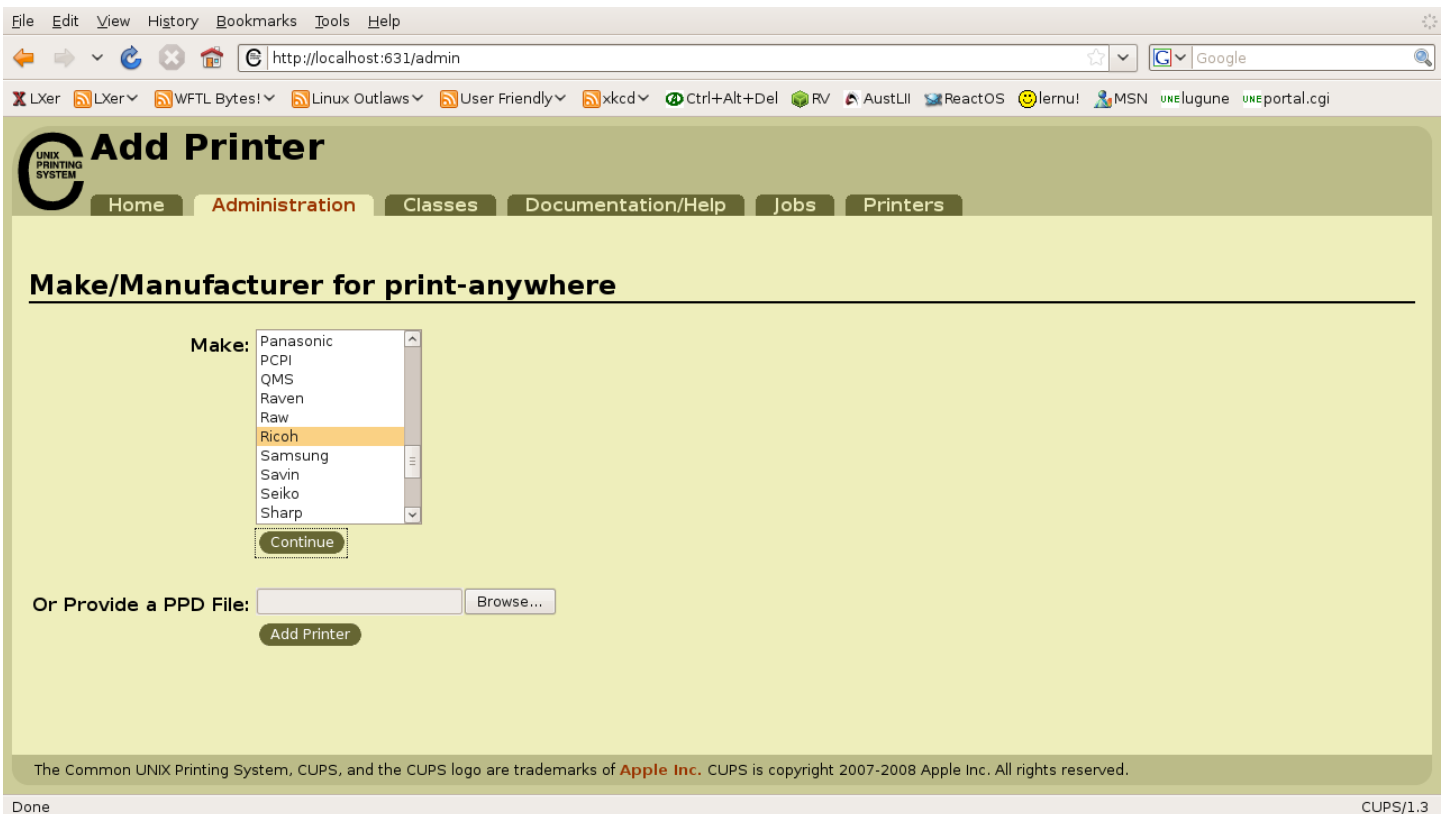
Questions and Comments email the Linux User Group: linux@une.edu.au

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The screenshot shows the 'Add Printer' web interface for the CUPS system. The browser address bar shows 'http://localhost:631/admin'. The page title is 'Add Printer' and the navigation menu includes 'Home', 'Administration', 'Classes', 'Documentation/Help', 'Jobs', and 'Printers'. The main heading is 'Device URI for print-anywhere'. Below this, there is a text input field containing the URI 'http://mfd-print.une.edu.au/printers/print-anywhere/.printer'. Underneath the field, there are several examples of URIs: 'http://hostname:631/ipp/', 'http://hostname:631/ipp/port1', 'ipp://hostname/ipp/', 'ipp://hostname/ipp/port1', 'lpd://hostname/queue', 'socket://hostname', and 'socket://hostname:9100'. A note says 'See "Network Printers" for the correct URI to use with your printer.' and there is a 'Continue' button.

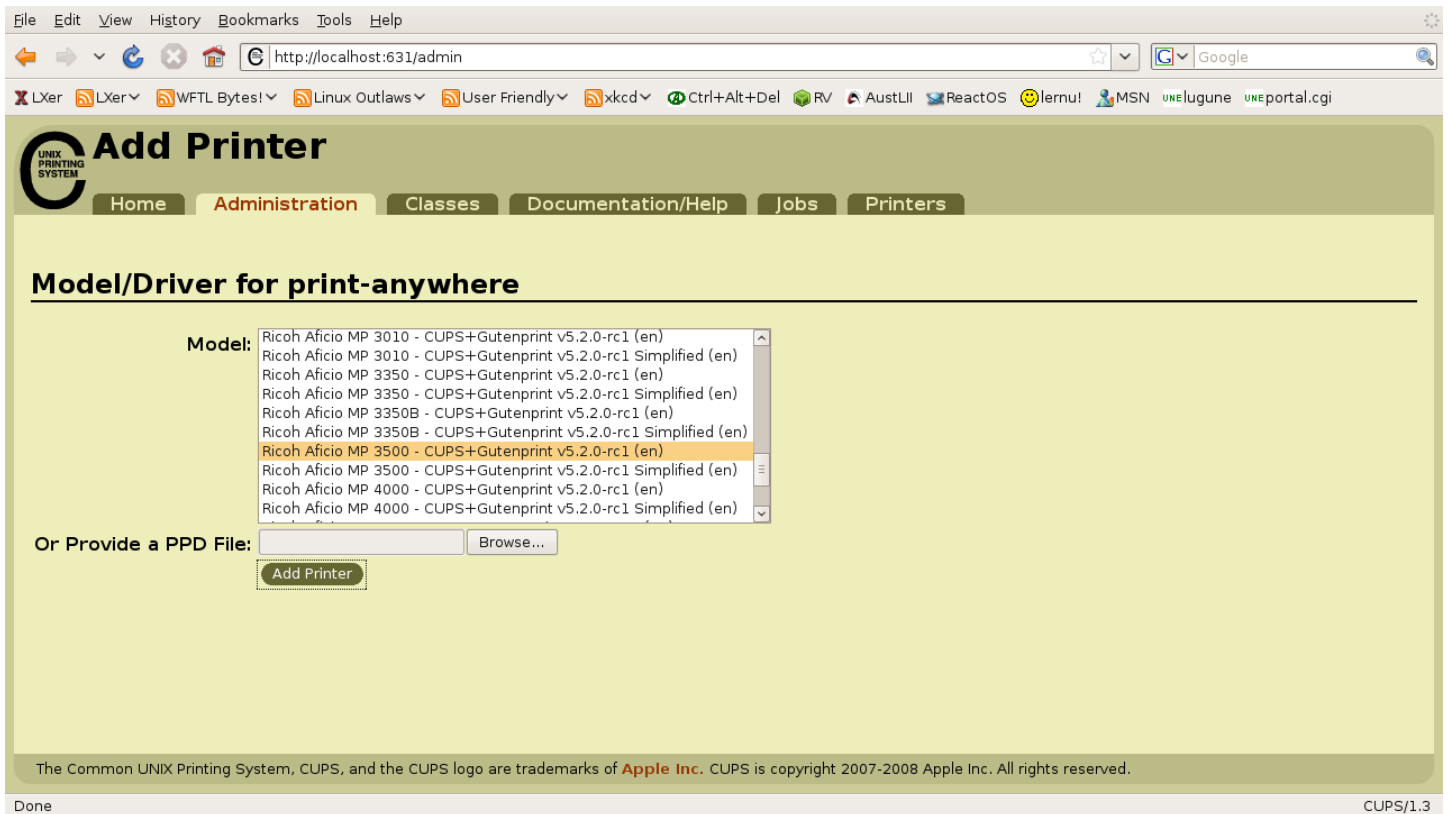
Enter <http://mfd-print.une.edu.au/print-anywhere/.printer> into the Device URI field
Click 'Continue'



The screenshot shows the 'Add Printer' web interface for the CUPS system. The browser address bar shows 'http://localhost:631/admin'. The page title is 'Add Printer' and the navigation menu includes 'Home', 'Administration', 'Classes', 'Documentation/Help', 'Jobs', and 'Printers'. The main heading is 'Make/Manufacturer for print-anywhere'. Below this, there is a 'Make:' label and a dropdown menu. The dropdown menu is open, showing a list of manufacturers: Panasonic, PCPI, QMS, Raven, Raw, Ricoh (highlighted), Samsung, Savin, Seiko, and Sharp. There is a 'Continue' button below the dropdown. Below the dropdown, there is a text input field for 'Or Provide a PPD File:' with a 'Browse...' button and an 'Add Printer' button.

Select 'Ricoh' as the Make
Click 'Continue'
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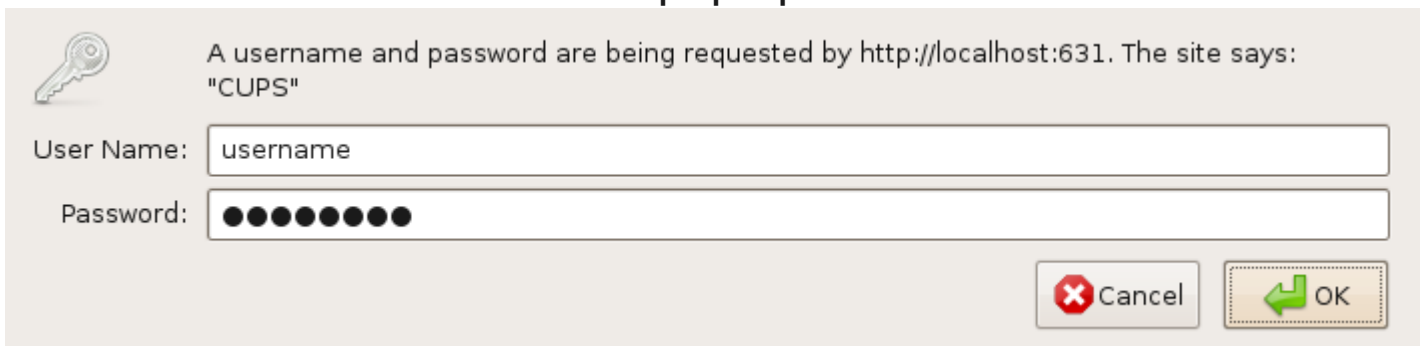


The screenshot shows the CUPS Administration web interface at <http://localhost:631/admin>. The page title is "Add Printer". The navigation menu includes "Home", "Administration", "Classes", "Documentation/Help", "Jobs", and "Printers". The main section is titled "Model/Driver for print-anywhere". A dropdown menu is open, showing a list of printer models. The selected model is "Ricoh Aficio MP 3500 - CUPS+Gutenprint v5.2.0-rc1 (en)". Below the dropdown, there is a text input field for "Or Provide a PPD File:" with a "Browse..." button and an "Add Printer" button. At the bottom of the page, there is a footer: "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." and "CUPS/1.3".

Select 'Ricoh Aficio MP 3500 – CUPS+Gutenprint [en]' as the Model

Click 'Add Printer'

An authentication window will pop up



The screenshot shows an authentication dialog box. It features a key icon and the text: "A username and password are being requested by http://localhost:631. The site says: "CUPS"". There are two input fields: "User Name:" with the text "username" and "Password:" with a masked password of ten dots. At the bottom right, there are "Cancel" and "OK" buttons.

Type your local administrist username into the 'User Name:' field

Type your local administrist password into the 'Password:' field

Click 'OK'

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Printer **print-anywhere** has been added successfully.

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Waiting for localhost... CUPS/1.3

This page will be shown briefly

print-anywhere: General

Media Size: A4
Color Model: Grayscale
Color Precision: Normal
Media Source: Standard
Print Quality: Standard
Resolution: Automatic
2-Sided Printing: Off
Shrink Page If Necessary to Fit Borders: Shrink (print the whole page)

Set Printer Options

print-anywhere: Output Control Common

Color Correction: Default
Brightness: 1.000
Brightness Fine Adjustment: 0.000

Done CUPS/1.3

Then you will be taken to this page
At this stage the printer is ready to use

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