



## Enable Raspberry Pi to Print to Networked Printers and Print Servers

by [roy\\_1000](#) on January 29, 2015

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## Intro: Enable Raspberry Pi to Print to Networked Printers and Print Servers

### Introduction

Ever since my desktop PC went kaput. I have been using Raspberry Pi as my desktop PC replacement. Why?, you ask. Because I'm poor and can't afford a proper desktop computer. Anyway I got the idea for this instructable when I tried to print from a Raspberry Pi. After I finished typing a note using leafpad word editor, when I clicked print menu, my networked printers were not showing in the printer dialog box as shown in the screenshot. Therefore, I couldn't print. In this instructable, I will share the steps to solve this problem.

### Scope

This instructable will show how to install and configure the necessary software to enable Raspberry Pi to print using a remote printer connected to a remote computer or networked printer.

This instructable will NOT show how to install and configure a Raspberry Pi to be a print server.

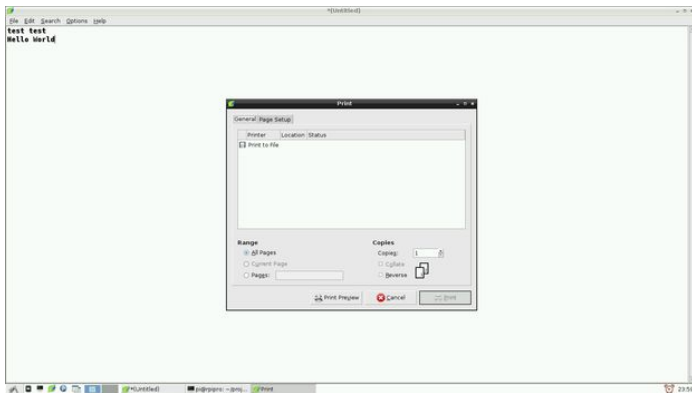
### Audience

Anyone with the following conditions fulfilled:

The Raspberry Pi is running on Raspbian OS

The Raspberry Pi is connected to the Local Area Network (LAN)

There is a networked printer or a networked computer that shares its printer in the (LAN)



## Step 1: Get the IP address of the remote printer

The networked computer with the printer can either be a Windows or Linux machine. Each have a different method to find its IP address. Google to find ways to get the IP address.

## Step 2: Install the necessary software on Raspberry Pi to enable printing

On Raspberry Pi, open a terminal emulator.

```
$sudo apt-get update
```

Install cups client **Do NOT install cups-server.**

```
$sudo apt-get install cups-client
```

Edit the cups-client configuration

```
sudo vi /etc/cups/client.conf
```

Add:

```
ServerName XXX.XXX.XXX.XXX ## XXX.XXX.XXX.XXX is your networked printer's IP address
```

Refer to the screenshot for comparison.

Save the file

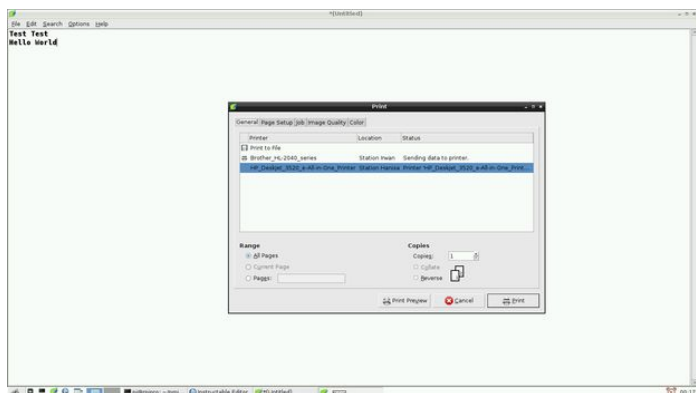
```

#
#
# Hollywood, Maryland 20636 USA
#
# Voice: (301) 373-9600
# Email: cups-info@cup.org
# WWW: http://www.cup.org
#
#####
#
# This is the CUPS client configuration file. This file is used to
# define client-specific parameters, such as the default server or
# default encryption settings.
#
# Put this file on /etc/cups/client.conf (system use) or
# ~/.cups/client.conf (personal use).
#
#####
#
# ServerName: the hostname of your server. By default CUPS will use the
# domain socket /var/run/cups/cups.sock or the value of the CUPS_SERVER
# environment variable.
# ONLY ONE SERVER NAME MAY BE SPECIFIED AT A TIME. To use
# more than one server you must use a local scheduler with browsing
# and possibly polling.
#
#ServerName /domain/socket
#ServerName /var/run/cups/cups.sock
#ServerName ip-address[:port]
#ServerName 192.168.0.123:631
#
# Encryption: whether or not to use encryption; this depends on having
# the OpenSSL library linked into the CUPS library.
#
# Possible values:
#
# Always - Always use encryption (SSL)

```

### Step 3: Print

On the leafpad word editor, when I click print menu, now I can see my networked printers. Refer to screenshot.



### Related Instructables



**Turn any printer into a wireless printer with a Raspberry Pi** by Bartboy



**Instant Photo Printer** by SWJTUyuhui



**How to Embed a Raspberry Pi into your EggBot** by crgfrench



**Touch screen POS** by youngpos



**Raspberry Pi photo booth controller** by safay



**DIY Head Mounted Display** by appleman123987

### Comments