Linux Printing

Print Queue Setup on UCT XRX Linux

This document is based on Ubuntu 18.04 for the Linux environment, but the general instructions may work on other Linux distributions. Ensure that Java 11+ is installed before you begin.

1. Setup the Client

- 1. Create a folder on your PC "Papercut" inside that create another folder "Client"
- 2. Connect to smb://srvwinppc001.wf.uct.ac.za/PCClient



3. Specify WF for the domain and enter your UCT username and password

181 1810 msvcp 120. dll

msvcr120. dll

README.



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- 4. Copy the Linux folder contents to the folder "Client"
- 5. Open a terminal and navigate to within the "Client-Linux" folder
- 6. Run the following commands:
 - a. chmod 755 pc-client-linux.sh ./pc-client-linux.sh
 - b. The second command you will have to run with each login session you want to print in. For ease of use set ./pc-client-linux.sh to run on login
- 7. The Papercut client will open
- 8. Enter UCT username and password and check the "**Remember my identity**" tick box and press "**OK**"

😣 🗉 Login		
F Login Your logi	papercut.co	n
Please log ir Username: Password:	a using your network username and password to confirm your identity. amaier ************************************)

- 9. Open the "Client" folder within the "Papercut" folder
- 10. Right click on pc-client-linux.sh and select properties and then permissions
- 11. Tick "Allow" executing file as a program

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12. Go to Startup App

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0	Firefox Web	LibreOffice	Startup App	Files	Settings	Cisco Anyco

13. Select Add and Browse to the ${\tt pc-client-linux.sh}$

Edit Startup Program 🛛 😣					
Name:	Papercut				
Command:	/home/derrick/Papercut/Client/p Browse				
Comment:	PC client				
	Cancel Save				

2. Printer Queue

- 1. Go to settings then Printers
- 2. Select "Add"



3. Choose "Enter URI" and add lpd://srvwinppc002.wf.uct.ac.za/UCT_XRX_LINUX for the device URI and click "Forward"

	New Printer	
Select Device		
Devices	Enter device URI	
Generic CUPS-BRF Serial Port #5	lpd://srvwinppc002.wf.uct.ac.za/UCT_XRX_LINUX	
Enter URI		
Network Printer	For example: ipp://cups-server/printers/printer-queue ipp://printer.mydomain/ipp	
	<u>C</u> ancel <u>E</u>	orward

4. Select Xerox from the list and then press "Forward"

	New Printer	000
Choose Driver		
O Select printer from data	abase	
O Provide PPD file		
O Search for a printer driv	ver to download	
The foomatic printer d Description (PPD) files printers. But in general features of the printer.	atabase contains various manufacturer provided PostScript P and also can generate PPD files for a large number of (non Po manufacturer provided PPD files provide better access to the	Printer stScript) e specific
Makes		
Tally		
Tektronix		
Texas		
Toshiba		
Xante		
Xerox		
Zebra		
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5. Choose WorkCentre M24 as the model and press "Forward"

New Prin	iter 😑 😑 😣
Choose Driver	
Models WorkCentre 7242 WorkCentre 7328 WorkCentre 7335 WorkCentre 7345 WorkCentre C424 WorkCentre M20 WorkCentre M118 WorkCentre PE16 WorkCentre PE16	Drivers Xerox WorkCentre M24 Foomatic/Postscrip
WorkCentre PE114e WorkCentre PE120 WorkCentre Pro 128 WorkCentre Pro 133 WorkCentre XK35c	Back Cancel Forward

6. Select "Apply" and press "Print Test Page"

New Printer 🛛 🖨 🗟 🔕		
Describe Printer	Would vo	ulike to print a test page?
Printer Name Short name for this printer such as "laserjet"		u like to princa cesc page?
UCT_XRX_LINUX	·	
Description (optional) Human-readable description such as "HP Laser Jet with Duplexer"	Cancel	Print Test Page
Xerox Workcentre M24		
Location (optional) Human-readable location such as "Lab 1"		
UCT_XRX_LINUX		
Back Cancel Apply		

7. When the Papercut Popup appear, enter Username and Password

	Lo	gin 😣
p	Login Your login credentials are	Managed Print Services required for printer access.
	Username: Password: Remember: Until I logout	
	(OK Cancel

8. Repeat Steps 3 to 7 for server 03 by replacing all reference to 002/02 with 003/03

3. Printer Preference

1. Printer Driver Duplex settings

	Print	8			
	General LibreOffice Writer Page Layout Options				
	Printer				
THIS	PostScript-Printer				
IS	UCT_XRX_LINUX				
A	UCT_XRX_LINUX_02				
18.04	XIX_TOILOW_COL XRX_WC_7225_57ED90				
E LINUX		_			
E TEST	Details Properties	es			
CAMPUS	Range and Copies				
	All pages <u>Number of copies</u> 1 –	+			
	O Pages 1				
	Selection				
	Print in reverse page order				
	Print				
1 / 1	Comments None (document only)				
Help	<u>OK</u> <u>C</u> an	cel			

Properties of U	CT_XRX_LINUX		Properties of U	CT_XRX_LINUX 8
Paper Device		Paper	Device	
<u>P</u> aper size:	A4 👻		<u>P</u> aper size:	A4 🔻
<u>O</u> rientation:	Portrait 👻		Orientation:	Portrait 🔹
Duplex:	Off 🔹		<u>D</u> uplex:	Long Edge (Standard) 🔻
Paper <u>t</u> ray:	-		Paper <u>t</u> ray:	•
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2. Printer Driver Colour settings

Proper	ties of UCT_XRX_LINUX	Properties of UCT_XRX_LINUX			
Paper Device		Paper Device			
Option:	Current value:	Option:	Current <u>v</u> alue:		
Resolution		Resolution			
Printer language type:	Automatic : PDF 🔹	Printer language <u>t</u> ype:	Automatic : PDF 🔹		
Color:	From driver 🔹	Co <u>l</u> or:	Grayscale 🔻		
Color depth:	24 Bit 🔹	Color <u>d</u> epth:	24 Bit 🔹		
	OK Cancel		<u>O</u> K <u>C</u> ancel		

4. Java 11 Install Steps

This quick tutorial shows you how to easily install the latest Oracle Java 11 LTS in Ubuntu 18.04, Ubuntu 18.10, Ubuntu 16.04, Ubuntu 14.04 via PPA.

1. To add the PPA, open terminal either from app launcher or by pressing **Ctrl+Alt+T** on keyboard. When it opens, run command:

sudo add-apt-repository ppa:linuxuprising/java

2. Enter user password (no asterisks feedback) for sudo prompt and hit Enter.

						rnd@rnd-de	sktop: ~			
File	Edit	View	Search	Terminal	Help					
rnd@ [sud	o] pa	deskto asswo	op:~\$ s rd for	udo add rnd:	-apt-	repository	ppa:linux	prising,	/java	

3. Then run commands to install the script to start downloading and installing Java 11 on your Ubuntu:

sudo apt-get install oracle-java11-installer-local

4. Before getting started, you must accept the license (press **Tab** to highlight OK and hit Enter).



- 5. Java installs and default setting:
 - a. If you have installed multiple Java versions, remove all other installed versions and install oracle-java11-set-default package to set Java 11 as default.
 - b. Else set Java 11 as default

sudo apt-get install oracle-java11-set-default-local

6. Finally check Java version via java -version:

