Printer Configuration

Overview: This guide explains how to connect to a networked printer from your room.

Preparation: Ensure that you have a ResnetID. Please consult the factsheet *Getting a ResnetID* for more information.

Procedure: Macintosh OSX 10.7 (Lion)
1. Click on the Apple Menu – System Preferences
2. Choose View – Print and Scan
   
   **Note:** If the Print & Scan lock icon is locked, click the lock icon and, when prompted enter your computer administrator name and password to unlock it.

3. Create a new printer in ‘Print & Scan’.
4. Click +

5. If you do not have ‘Advanced’ in the menu, right click the grey area between Windows and the search field.
6. In the menu select ‘Customize toolbar’ to open up for the customization menu.
7. Drag ‘Advanced’ to your toolbar and click ‘Done’.

8. Go to ‘Advanced’ and set the following options
   - Type: Windows printer via spoolss
   - Device: Another Device
   - URL: smb://citg-student/printname (please substitute PRINTERNAME for your actual printer name in the Printer Names and Models Table.)
   - Name: Lab Printer
   - Location: (Optional)
   - Print Using: For most printers you can choose ‘Generic PCL Printer’ but it is recommended to select a specific printer driver. Printer Models are listed below in the Printer Names and Models Table.

9. Your printer is now installed.
10. The first time you print you will be presented with a dialog where you must enter your credentials. The credentials must be on the following form:

```
username@RESNET.UQ.EDU.AU
```

Please note that the last part must be specified with capital letters.

11. Tick the box to 'Remember this password in my keychain' if you do not want to be asked for credentials repeatedly.

<table>
<thead>
<tr>
<th>College</th>
<th>Printer</th>
<th>Model/Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cromwell</td>
<td>pm-crc-lab02</td>
<td>Konica Minolta IP-421 PCL</td>
</tr>
<tr>
<td></td>
<td>pm-crc-colour</td>
<td>OKI C5400n PCL</td>
</tr>
<tr>
<td>Duchesne</td>
<td>pm-drc-lab02</td>
<td>Sharp MX-3001N PCL 6</td>
</tr>
<tr>
<td></td>
<td>pm-drc-colour</td>
<td></td>
</tr>
<tr>
<td>Emmanuel</td>
<td>prn-emc-mfc</td>
<td>Ricoh Aficio MP 6002 PCL 6</td>
</tr>
<tr>
<td>Grace</td>
<td>pm-grc-lab01</td>
<td>HP LaserJet 4050 PCL5</td>
</tr>
<tr>
<td>Int House</td>
<td>prn-ihc-lab02</td>
<td>Sharp MX-M362N PCL6</td>
</tr>
<tr>
<td>Kings</td>
<td>pm-tkc-lab02</td>
<td>Toshiba e-studio451c PCL 5c</td>
</tr>
<tr>
<td></td>
<td>pm-tkc-colour</td>
<td></td>
</tr>
<tr>
<td>St Johns</td>
<td>pm-sjc-lab01</td>
<td>Kyocera FS-3900DN KX</td>
</tr>
<tr>
<td>St Leos</td>
<td>pm-slc-lab01</td>
<td>Sharp MX-3001N PCL 6</td>
</tr>
<tr>
<td></td>
<td>pm-slc-colour</td>
<td></td>
</tr>
<tr>
<td>Womens</td>
<td>prn-twc-lab01</td>
<td>Sharp MX-3100N PCL 6</td>
</tr>
<tr>
<td></td>
<td>prn-tw-colour</td>
<td></td>
</tr>
</tbody>
</table>

**Troubleshooting**

If you are having problems, try removing all printers from 'Print & Scan'. You should also erase all Keychain entries relating to printers in 'Keychain access'. (Applications folder – Utilities Folder – Keychain Access)
Procedure: Macintosh OSX 10.6 or below

1. Open Macintosh HD
2. Double click on Applications – Utilities then Printer Setup Utility
3. Click Add Printer
4. HOLD DOWN the alt/option key and click on the More Printers… button.
5. In the first drop down menu select Advanced
6. Under Device select Windows Printer via SAMBA
7. Fill in the Device Name

| The Device Name must have no spaces or special characters |
| Use letters and underscores (_) only |

8. For device URI: `smb://username:password@WORKGROUP/SERVER/PRINTER`

   **For Example:** a student at Emmanuel with a username of s1234567 and a password of es2122jk would enter something like: `smb://s1234567:es2122jk@RESNET/CITG-STUDENT/PRN-EMC-MFC`

9. Selection of printer model may be necessary. Otherwise simply select Generic (this is known to work for HP printers)

   * Printers that allow the double sided feature still charge for 2 pages even though only one piece of paper is used.
   **Printing 6 slides to a page will still charge for 6 pages. The printer driver condenses the job to 1 page after the charging process has taken place.

**NOTE:** If you are still having problems, please consult the Printing Problems Factsheet for further troubleshooting.

**Further Assistance:** For further assistance please contact the helpdesk.
E-mail: help@citg.uq.edu.au
Phone: (07) 3878 0777
Tie Line: 777 from any college phone