

# SETUP PRINTER

## LINUX

### PRINTING VIA CUPS (using a Linux Print Server)







First get the name(s) of the available printer(s):

```
http://gutenberg.inf.unibz.it:631/printers
```

Open your preferred browser and type this address:

- localhost:631

Follow this guides as shown on the next screen shots

|  |   |
|--|---|
| Select Add Printer   | Enter local username (must be in admin/sudo group) and local password                 |
|   |  |
| Enter Connection string e.g. <a href="http://gutenberg.inf.unibz.it:631/printers/">http://gutenberg.inf.unibz.it:631/printers/</a> <printername> | Name, Description and Location Names  |
|   |  |
| Select Make  | Select Driver   |
|   |  |

Last select newly added printer; Click on **Administration** and select: **Set Default Options**

### PRINTING VIA SAMBA (using a Windows Print Server)

Your user must be a member of the admin/sudo group

First get the name(s) of the printer(s) you want to use:

To get the printer names use smbclient. If the program is not installed do:

- apt-get update; apt-get install smbclient

Now execute this line to get a list of the printer names:

- smbclient -L \\<windowsprintserver> -U <unibz-login> -W <domain>

e.g.

- smbclient -L \\print.unibz.it -U bgates -W unibz

Printer naming scheme:

```
UBZ 066 POS 300
|   |   |   | -> Room number

|   |   |   | -> POS Building

|   |   |   | -> IP-Adress

|   |   |   | -> UBZ University Site Bolzano
```

A list of old and new printer names you can find here:

<http://www.unibz.it/en/ict/Documents/PrinterList.pdf>

Now that you know the name of the printer, you can start adding a printer.










SMB URI

```
smb://domain\username:password@print.unibz.it/<printrname>
```

Open your preferred browser and type this address:

- localhost:631

Follow this guides as shown on the next screen shots

| Select Add Printer from Administration Menu   | Chose how to connect to Printer   |
|---|---|
|  |  |
| Chose how to connect to Printer   | Enter Connection String SMB URI, enter Domain unibz, YOUR username and password!    |
|  |  |
| Enter Name, Description and Location  | Select Make of Printer  |
|  |  |
| Select Driver   | Set initial default Options   |
|  |  |
| Set Default Options   |   |
|  |   |

Check that the cups printer config file printers contains the string:

```
smb://domain\username:password@print.unibz.it/<printrname>
```

In a terminal type:

- `sudo cat /etc/cups/printers.conf | grep smb:`

Restart cups daemon:

- `sudo /etc/init.d/cups restart`

Remove clear password from /etc/cups/printers.conf config file

Please note: NOT ALL Programs show the prompt to enter DOMAIN\username and password

Open the config file and make the following modifications:

- sudo vi /etc/cups/printers.conf

Place this line in:

```
AuthInfoRequired username,password
```

Next search for the the DeviceURI line and substitute it with this line. Please remember to leave the printername unchanged!

```
DeviceURI smb://print.unibz.it/<printername>
```

CHIPCARD PRINTER (using a Windows Print Server)

Your user must be a member of the admin/sudo group








SMB URI

```
smb://domain\username:password@ubz02cps.unibz.it/CPSPrn01
```

Open your preferred browser and type this address:

- localhost:631

Follow this guides as shown on the next screen shots

|   |  |
|---|--|
| Select Add Printer from Administration Menu   | Chose how to connect to Printer  |
|  |  |
| Enter Connection smb URI, Domain, YOUR username and password!                       | Name, Description and Location Names   |
|  |  |
| Select Make Generic   | Select Printer Driver Generic Postscript   |
|  |  |
| Modify Options  |  |
|  |  |

Check that the cups printer config file printers contains the string:

```
smb://domain\username:password@ubz02cps.unibz.it/CPSPrn01
```

In a terminal type:

```
sudo cat /etc/cups/printers.conf | grep smb:
```

Restart cups daemon:

```
sudo /etc/init.d/cups restart
```

## Remove clear password from /etc/cups/printers.conf config file

Please note: NOT ALL Programs show the prompt to enter DOMAIN\username and password

Open the config file and make the following modifications:

- `sudo vi /etc/cups/printers.conf`

Place this line in:

```
AuthInfoRequired username,password
```

Next search for the the DeviceURI line and substitute it with this line.

```
DeviceURI smb://ubz02cps.unibz.it/CPSPrn01
```

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## PRINTER (using a Windows Print Server - kerberos)

Needs to be completed and tested with Ubuntu 12.04 LTS

[https://www.inf.unibz.it/wiki/tech/documentation/sysadmin/linux/printing\\_to\\_windows\\_print\\_server?s\[\]=krbsmb](https://www.inf.unibz.it/wiki/tech/documentation/sysadmin/linux/printing_to_windows_print_server?s[]=krbsmb)

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## Printing of private and confidential Documents

[https://www.inf.unibz.it/wiki/auth/printing\\_of\\_private\\_and\\_confidential\\_documents](https://www.inf.unibz.it/wiki/auth/printing_of_private_and_confidential_documents)

## Windows 7 and Mac OSX

[Home>To Computer & Internet>Computer - Network>Printers](#)

List of old and new printer names:

<http://www.unibz.it/en/ict/Documents/PrinterList.pdf>

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