

SETUP PRINTER UNDER LINUX

1. 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 starting adding a printer.



SMB URI









```
smb://<domain>@print.unibz.it/<printername>
```

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 |
|---|---|
|  |  |

| | |
|---|---|
| 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 | |
|  |  |

When printing from an Application an Authentication Window will/should pop up.

Enter your unibz username and password!



2. PRINTING via KERBEROS (using a Windows Print Server)

Follow the steps as described in the link below

[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)

Cups printer setup and URI format

Now add a printer using cups (localhost:631)

In cups select Kerberized Printer and the uri format is

```
krbsmb://DOMAIN/PRINTSERVER/PRINTER_SHARE
```

e.g.

```
krbsmb://unibz/print.unibz.it/UBZ066POS300
```

Continue by selecting Printer Make, Printer Driver and set the Default Options

Important DO NOT forget to get a Kerberos Ticket manually!!

[Get a Kerberos Ticket](#)

3. 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 |
| <input type="text"/> | <input type="text"/> |
| Enter Connection string e.g. <a href="http://gutenberg.inf.unibz.it:631/printers/<printername>">http://gutenberg.inf.unibz.it:631/printers/<printername> | Name, Description and Location Names |
| <input type="text"/> | <input type="text"/> |
| Select Make | Select Driver |
| <input type="text"/> | <input type="text"/> |

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

4. CHIPCARD PRINTER (using a Windows Print Server)

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

SMB URI

```
smb://domain@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 | Enter local username and password |
| <input type="text"/> | <input type="text"/> |
| Select Windows Printer via SAMBA | Enter Connection smb URI |
| <input type="text"/> | <input type="text"/> |
| Name, Description and Location Names | Select Make Generic |
| <input type="text"/> | <input type="text"/> |
| Select Printer Driver Generic Postscript | Set Default Printer Options |
| <input type="text"/> | <input type="text"/> |

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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<https://wiki.inf.unibz.it/> - **Engineering-Tech Wiki**

Permanent link:

https://wiki.inf.unibz.it/doku.php?id=auth:setup_printers&rev=1355146629

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