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Simple Samba file sharing server setup

This is a minimal Samba setup to let other machines access files on a Debian machine.

Install Samba

```
# aptitude install samba
```

Configure the Samba daemon

Edit the Samba configuration file.

```
# vim /etc/samba/smb.conf
```

In the global section, check the name of the workgroup. It might be useful to know it when you'll try to connect from a Windows machine:

```
[global]
...
workgroup = STURBAIN
```

Locate the home share definition:

```
[homes]
```

In that section you may enable read-write access to the home directories:

```
read only = no
```

To share files in some other path on the system, add another share definition such as:

```
[ourfiles]
    comment = Some useful files
    read only = no
    locking = no
    path = /path_to_our_files
    guest ok = no
```

Add Samba users

Samba uses it's own password system so users need to be added by root. Note that the users have to exist in `/etc/passwd`

```
# smbpasswd -a me
# smbpasswd -a you
```

You will be prompted for a password for each of those users.

To list existing Samba users:

```
pdbedit -w -L
```

Restart the Samba daemon

```
# /etc/init.d/samba restart
```

Try to access the shares (as a normal user)

Try locally first, then from another machine on the network. When prompted, use the password entered when adding the user to Samba.

To access my share:

```
$ smbclient //ourmachine/me
```

To access your share:

```
$ smbclient -U you //ourmachine/you
```

To access our shared(!) share:

```
$ smbclient //ourmachine/ourfiles
```

See also

[SAMBAClientSetup](#)

[CategoryNetwork](#)