

Setting Up Time Machine on a Linux Machine

- [Installation](#)
- [Restarting](#)
- [Uninstallation](#)
- [References](#)

Installation

Install netatalk and avahi-daemon

```
sudo apt install netatalk avahi-daemon
```

```
mkdir /srv/timemachine
```

Next we need to set the ownership of this folder to our user account.

chown <user>:<group> /srv/timemachine/

In my case, I am using an existing account:

```
chown john:john /srv/timemachine/
```

The config of netatalk is saved in /etc/netatalk/afp.conf - we update it as follows (again, replace `your-username` and `srv/timemachine` with the values of your choice; `your-hostname` will be the server name that appears in the TimeMachine configuration of your Mac):

```
vi /etc/netatalk/afp.conf
```

```
;
; Netatalk 3.x configuration file
;

[Global]
hostname = deepthought

[TimeMachine]
path = /srv/timemachine
time machine = yes
valid users = john
vol size limit = 1000000
```

The vol size limit is set in MB. Setting the vol size limit to 1TB.

Now, enable and start everything

```
sudo systemctl enable avahi-daemon
sudo systemctl start avahi-daemon
sudo systemctl enable netatalk
sudo systemctl start netatalk

sudo systemctl restart avahi-daemon
sudo systemctl restart netatalk
```

Restarting

```
sudo systemctl restart avahi-daemon
sudo systemctl restart netatalk
sudo rm -rf /srv/timemachine
```

Uninstallation

```
sudo systemctl stop netatalk
sudo systemctl disable netatalk
sudo systemctl stop avahi-daemon
sudo systemctl disable avahi-daemon
```

References

Reference	URL
TimeMachine backup to a Linux server	https://www.maxhaesslein.de/notes/timemachine-backup-to-a-linux-server/