

This is a general instruction for many Linux-based systems that do not contain “*Network Manager*”.

Step 1

Edit the file `/etc/wpa_supplicant.conf`. To use eduroam, you will have to add the following few lines in the network section:

```
network={
    ssid="eduroam"
    scan_ssid=1
    proto=WPA
    key_mgmt=WPA-EAP
    eap=PEAP
    anonymous_identity=""
    identity="$_IDENTITY"
    password="$_PASSWORD"
    phase2="auth=MSCHAPV2"
    #ca_cert="/usr/share/ca-certificates/tu-berlin.de/tub.pem"
}
```

Where `$_IDENTITY` corresponds to your `tubIT-account-name@win.tu-berlin.de` and `$_PASSWORD` to your password.

You are now able to connect to eduroam using WPA supplicant.

Step 2

To be able to use the certificates you then have to uncomment the last line and download the corresponding pem-certificate (not on the USB drive).

You can do this in the following way:

```
sudo mkdir -p /usr/share/ca-certificates/tu-berlin.de
sudo wget -O /usr/share/ca-certificates/tu-berlin.de/tub.pem \
    http://www.tubit.tu-berlin.de/fileadmin/a40000000/tubIT/Trustcenter/TU-Berlin_Zertifikatkette.pem
```

Done.