

## Configuring an eduroam IdP from GÉANT-based templates

**In /etc/freeradius/3.0** [Chris may have done this for you]

*Download the template from the event page*

```
tar xzvf ~/renu-eduroam-template.tar.gz
```

**In /etc/freeradius/3.0/sites-enabled**

```
rm default inner-tunnel
```

```
In -sf ../sites-available/eduroam .
```

```
In -sf ../sites-available/eduroam-inner-tunnel .
```

```
vi eduroam
```

*Fix the operator name on line 45*

**In /etc/freeradius/3.0/certs**

```
make
```

**In /etc/freeradius/3.0/mods-enabled**

```
In -sf ../mods-available/f_ticks .
```

```
In -sf ../mods-available/ldap .
```

```
vi ldap
```

*Add in the LDAP server config:*

```
server = '137.63.190.38'
```

```
identity = 'cn=admin,dc=ws,dc=ubuntunet,dc=net'
```

```
password = uaroot
```

```
base_dn = 'ou=people,dc=ws,dc=ubuntunet,dc=net'
```

**In /etc/freeradius/3.0/sites-available/eduroam-inner-tunnel**

*Uncomment LDAP entries*

**TEST!**

```
service freeradius restart
```

```
radtest guy 88888 127.0.0.1:18121 0 testing123
```

**In /etc/freeradius/3.0**

```
vi clients.conf
```

*Add in the workshop client:*

```
ipaddr = 137.63.190.37
```

```
secret = 9999
```

```
vi proxy.conf
```

*Add in the workshop home server, add it to the EDUROAM pool, and add your realm*

**TEST!**

```
service freeradius restart
```

```
rad_eap_test -H 127.0.0.1 -P 1812 -S testing123 -u guy@guy.local -p 88888 -m WPA-EAP -e PEAP -2  
MSCHAPV2
```

```
rad_eap_test -H 127.0.0.1 -P 1812 -S testing123 -u chris@chris.local -p 88888 -m WPA-EAP -e PEAP -2  
MSCHAPV2
```