

# Apple

## Configuring MacOS for PAP VPN for Duo

We recently rolled out Duo for a client who required L2TP connections to their EdgeRouter to accommodate non-PC, Mac users. To enable PAP VPN on MacOS, we had to enter the following commands to disable all other authentication methods. Note that this method only affects the user, not the entire system or other users on the same system.

```
nano ~/.ppprc
```

Paste in and save:

```
refuse-chap  
refuse-mschap  
refuse-mschap-v2
```

Or supply the user with these commands to copy and paste into Terminal:

```
echo refuse-chap > ~/.ppprc  
echo refuse-mschap >> ~/.ppprc  
echo refuse-mschap-v2 >> ~/.ppprc
```

Unique solution ID: #1045

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