

RADIANT HIGH SPEED INTERNET (PPPOE) SERVICE

Mac OS X Setup Guide



MAC OS X: Setting up PPPoE

1. How do I configure PPPoE in OSX, 10.1, and 10.2?

- 1) Double click "System Preferences"
- 2) Double click "Network"
- 3) Click on drop down "Show" menu -> Select your Ethernet device
- 4) Click on the "PPPoE" tab
- 5) Check off "Connect using PPPoE"
- 6) Enter "Account Name", your userid as provided by your ISP.
- 7) Enter "Password" as provided by your ISP
- 8) Check off "Save Password"
- 9) Click "Show Status in Menu bar"
- 10) Click "Apply Now"
- 11) Launch your browser and surf away!

Note: You may need to:

- 1) Double click "System Preferences"
- 2) Double click "Network"
- 3) Click on drop down "Show" menu -> Select your Ethernet device
- 4) Click on "TCP/IP"
- 5) Choose configure "Using PPP"
- 6) Click on "Save"
- 7) Click on your desktop.

- 8) Go to the "Go" menu in your Finder tool bar
- 9) Choose "Applications"
- 10) Double click on "Internet Connect"
- 11) In "Configuration" select the Ethernet device connected to your broadband modem (Generally listed on new Macs as "Built-in Ethernet")

10.2 is slightly different.

In System Preferences, under Network, create a New Location. Under PPPoE, select the top box, enter your information. Under TCP/IP, connect using PPP, and do NOT enter a DNS. Apply changes, and reconnect.

2. How do you set the PPPoE options in OSX & 10.1?

- 1) Double click "System Preferences"
- 2) Double click "Network"
- 3) Click on drop down "Show" menu -> Select your Ethernet device
- 4) Click on the "PPPoE" tab
- 5) Click on "PPPoE Options"
- 6) We suggest checking off "Connect Automatically when..." and "Send PPP echo packets". We suggest making sure nothing else is checked off.
- 7) Click "OK"

3. How do I adjust the MTU value in OS X PPPoE?

- 1) Log in using your administrator account. Open a terminal window (in the Finder it's Go -> Applications, then double click the Terminal icon in the Applications window)

- 2) Type in "cd /etc"
- 3) Type in "sudo mkdir ppp", and enter your administrator password when asked.
- 4) Type "sudo pico /etc/ppp/ip-up"
- 5) Type in the following:
#!/bin/sh (Note: Yes you need to hit enter before typing the next line)
/sbin/ifconfig ppp0 mtu 1450 (Note: 1450 only represents the new MTU you want to use to be no higher then 1492)
- 6) Close the text editor 'Pico' using "control" and "x", save the file when asked (simply press "enter")
- 7) Type "sudo chmod 755 /etc/ppp/ip-up"
- 8) Surf Away!

You can also try this:

- 1) Log in using your administrator account. Open a terminal window (in the Finder it's Go -> Applications, then double click the Terminal icon in the Applications window)
- 2) Open the network file located at /System -> Library -> StartupItems -> Network -> Network
- 3) Find the references to setting up your network interface
- 4) Add a line and enter ifconfig en1 mtu 1492 for airport or ifconfig en0 mtu 1492 for Ethernet.