

Chatting with OTR over Tor with VPN

Gavin Bauer, Ryan McCarthy, Amruta Dubewar

March 11, 2015

Setting up the VPN

- Hello world

Checking connection

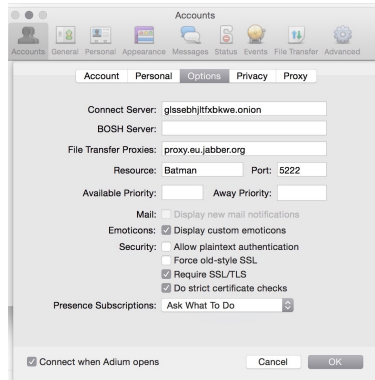
- Hello moto

Installing The Onion Router

- For Linux Tor is just a simple apt-get away:
`sudo apt-get install tor`
- For Mac Homebrew or Ports should be installed first:
`brew install tor` Or `ports install tor`
- For Windows:
You're on your own...
- Now for the hardest part.
To start Tor, simply type `tor` into a terminal window

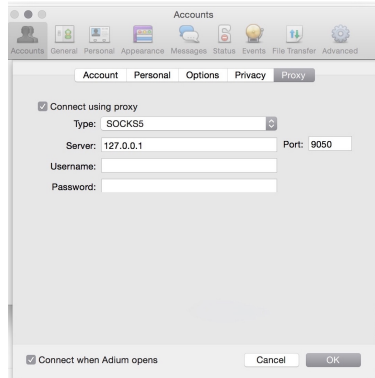
Adium Configuration

- Step one: Open Preferences
- Step two: Click on the Options tab under General Settings
- Step three: Enter the hidden service url in the Connect Server box



Adium Configuration

- Step four: Click on the Proxy tab
- Step five: Select Socks5 for the proxy
- Step six: The address is localhost or 127.0.0.1
- Step seven: The proxy port is 9050

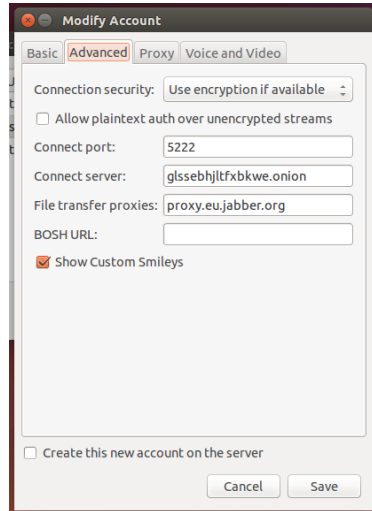


How Pidgin Integrates

- Pidgin (any others) has built-in proxy utility
- All traffic is piped through proxy
- Then traffic is routed to .onion server
- Then traffic is forwarded to XMPP server

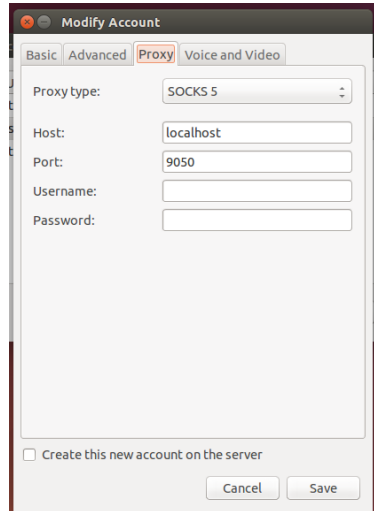
Setting up Pidgin

- Modify your account
- Go to Advanced



Setting up Pidgin

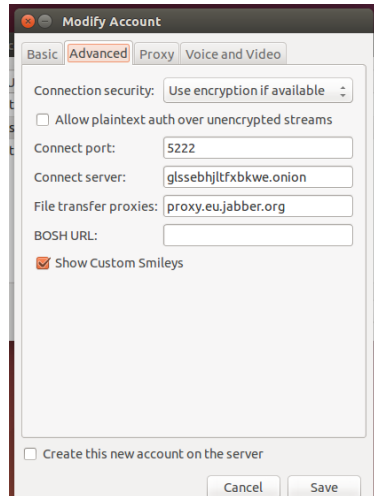
- Go to Proxy



Verifying Pidgin

- Questions?

- Login to the privacy box
- Attempt to OTR chat with someone



Summery

