# 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

• For Linux Tor is just a simple apt-get away:

 For Linux Tor is just a simple apt-get away: sudo apt-get install tor

- For Linux Tor is just a simple apt-get away: sudo apt-get install tor
- For Mac Homebrew or Ports should be installed first:

- 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 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:

- 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...

- 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

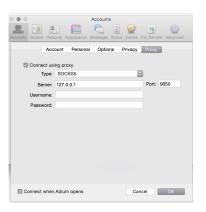
# Adium Configuration

- 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

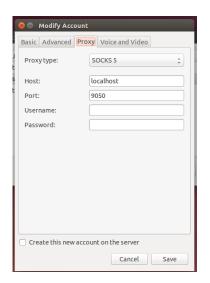
# Setting up Pidgin

- Modify your account
- Go to Advanced



# Setting up Pidgin

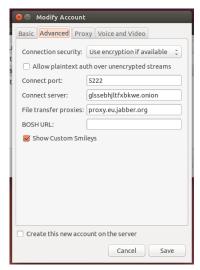
Go to Proxy



# Verifying Pidgin

• Questions?

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



# Summery

