

Linux* MU Wireless HOWTO

**Linux is not a full support Operating System through Marshall Computing Services*

Package requirements

Ubuntu prerequisites, other distributions may have slightly different names for packages.

Configuration will be the same regardless of distribution choice.

- *network-manager*
- *network-manager-gnome* OR *network-manager-kde*
- *network-manager-openvpn* (For 802.1x support)
- *resolvconf*

Configuration

1. Click on the NetworkManager icon on the panel.
2. Select the wireless SSID, **MU WiFi** (WPA2 only) OR **MUWireless** (WPA only)
 - (a) If you cannot connect to MU WiFi, after completing the configuration steps, try connecting to MUWireless instead.
3. A dialog box, prompting for **Wireless Network Authentication**, should pop up. See Figure 1, on following page.
4. In the dialog box, select the following options as illustrated in Figure 2.
 - (a) Wireless Security: *WPA & WPA2 Enterprise*
 - (b) Authentication: *Protected EAP (PEAP)*
 - (c) Anonymous Identity: Your munet user name (No @marshall.edu needed)
 - (d) CA Certificate: Skip this field
 - (e) PEAP Version: *Automatic*
 - (f) Inner Authentication: *MSCHAPv2*
 - (g) User Name: Your munet user name (No @marshall.edu needed)
 - (h) Password: Your munet password
5. An important note about Certificate Authority warning.
 - (a) After completing the Authentication form as documented in the previous step. You may be prompted for a Certificate Authority. There is currently a bug in the Ubuntu NetworkManager program, on Ubuntu versions Hardy and newer. This bug prevents NetworkManager from associating with Marshall's wireless access points.

Screenshots

Figure 1



Figure 2



Figure 3

