Initial Network Setup

Configure Interfaces

I need Internet access to download all the packages necessary so I setup *DHCP* on the WAN connection `eth0`.

> Setting all the local network interfaces to `manual` and not providing any addresses prevents any accidental routing before everything is secured.

```
# /etc/network/interfaces
  auto eth0
  iface eth0 inet dhcp
+
+   auto eth1
+    iface eth1 inet manual
+
+   auto eth1.8
+   iface eth1.8 inet manual
+       vlan-raw-device eth1
+
+   auto eth1.9
+   iface eth1.9 inet manual
+       vlan-raw-device eth1
```

Then I restart the networking service to apply the changes and create the new interfaces.

```
$ systemctl restart networking
```

Initial Security

I won't have SSH access allowed from the Internet when I am done but in the interim I want to install `fail2ban`. It doesn't hurt to have running even once the firewall is fully setup and provides

just one more layer of defense.

```
$ apt install fail2ban
```