# Adventures in IoT Hacking

# Software Tools

1. Download the firmware binary from class github to your Linux machine

<https://github.com/shaq-qa/Iot-adventure>

it is called “TL-WR841N(US)\_V14\_231119.zip

unzip it. There should be 2 pdf’s and one binary

unzip TL-WR841N(US)\_V14\_231119.zip

1. We will be using:
   1. binwalk
   2. sasquatch
   3. dd
   4. ghidra

If you do not have these, they can be installed on Kali with

sudo apt install <name>

Except for sasquatch! When you run binwalk, sasquatch errors will appear. To fix these, see below

**Directions for sasquatch installation**

sudo apt-get install zlib1g-dev liblzma-dev liblzo2-dev

cd /opt

sudo git clone <https://github.com/devttys0/sasquatch>

cd /opt/sasquatch

sudo ./build.sh (this will fail)

cd patches

wget <https://github.com/devttys0/sasquatch/files/7776843/M1-Kali.patch.txt>

sudo patch patch0.txt M1-Kali.patch.txt

cd ..

./build.sh

Now binwalk will work without sasquatch errors.