



OWASP

Open Web Application
Security Project

./SecureTea

**Introduction IoT and Implementation to
Secured TeaLinuxOS with Small IoT**

Internet of Things (IoT)

Internet of things (IOT) was initially used by Kevin Ashton, the co-founder of Auto-ID Center at MIT, where he defined it as: “ [...] computers that knew everything there was to know about things -- using data they gathered without any help from us -- we would be able to track and count everything and greatly reduce waste, loss and cost.”

Theory behind IoT

- **Identification** A unique identifier for a review of the administration of the Network.
- **Communication** to make it able to send and receive data. change "something" to "smart thing".
- **Sensification** sensor to get feed changes around it.
- **Connection** connect the device to the Internet.

Why Internet Of Things?

- **Connectedness** IoT can be connected to any device.
- **Monitoring** IoT can be used to monitor things. That means it can keep a record, make prediction based upon the records and also notify the user about the updates.
- **Management** Management of things become easy when they are monitored well. Internet of things can help manage resources.
- **Control** Better management means better control. Imagine if you forget to lock your house, you can simply reach out, control and fix it.

How to start ?

Get The Code </>

Source code from <https://github.com/idbmb/SecureTea>

Open Your Terminal

- `git clone https://github.com/idbmb/SecureTea.git`
- `sudo apt-get install python`
- `cd SecureTea/twitter-1.17.1`
- `sudo python setup.py build install`
- `cd ..`
- `sudo python SecureTea.py`

Now! You're safe from this Bro !!!



Thank You !!

Any Question ?