

Make your own Hacker Gadget

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<http://PentesterAcademy.com>

Python and Scapy

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<http://PentesterAcademy.com/widy>

Install Python

```
root@OpenWrt:~# opkg install python
Package python (2.7.3-1) installed in root is up to date.
root@OpenWrt:~# opkg install sqlite3-cli libsqlite3 python-sqlite3
Installing sqlite3-cli (3071201-1) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/sqlite3-cli_3071201-1_ar71xx.ipk.
Installing libsqlite3 (3071201-1) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/libsqlite3_3071201-1_ar71xx.ipk.
Installing libncurses (5.7-5) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/libncurses_5.7-5_ar71xx.ipk.
Installing terminfo (5.7-5) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/terminfo_5.7-5_ar71xx.ipk.
Installing libreadline (5.2-2) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/libreadline_5.2-2_ar71xx.ipk.
Package libsqlite3 (3071201-1) installed in root is up to date.
Installing python-sqlite3 (2.7.3-1) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/python-sqlite3_2.7.3-1_ar71xx.ipk.
Configuring terminfo.
Configuring libsqlite3.
Configuring libncurses.
Configuring libreadline.
Configuring sqlite3-cli.
Configuring python-sqlite3.
root@OpenWrt:~# █
```

Install Scapy

```
root@OpenWrt:~# cd /tmp/
root@OpenWrt:/tmp# wget http://www.secdev.org/projects/scapy/files/scapy-latest.tar.gz
Connecting to www.secdev.org (217.25.178.5:80)
scapy-latest.tar.gz 100% |*****| 934k 0:00:00 ETA
root@OpenWrt:/tmp#
root@OpenWrt:/tmp#
root@OpenWrt:/tmp# tar -xzf scapy-latest.tar.gz
root@OpenWrt:/tmp# cd scapy-2.1.0/
root@OpenWrt:/tmp/scapy-2.1.0#
root@OpenWrt:/tmp/scapy-2.1.0# ls
MANIFEST.in  PKG-INFO  bin          doc          run_scapy   scapy        setup.py     test
root@OpenWrt:/tmp/scapy-2.1.0#
root@OpenWrt:/tmp/scapy-2.1.0#
root@OpenWrt:/tmp/scapy-2.1.0# python setup.py install
running install
running build
running build_py
creating build
creating build/lib
creating build/lib/scapy
root@OpenWrt:~# opkg install python-crypto
Installing python-crypto (2.0.1-1) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/python-crypto_2.0.1-1_ar71xx.ipk.
Installing libgmp (4.3.1-2) to root...
Downloading http://downloads.openwrt.org/attitude_adjustment/12.09/ar71xx/generic/packages/libgmp_4.3.1-2_ar71xx.ipk.
Configuring libgmp.
Configuring python-crypto.
root@OpenWrt:~#
```

Test Attack Tool with Scapy

- Scripting Wi-Fi Tools in Python
 - <http://www.pentesteracademy.com/course?id=14>
- Install Sqlite3
- Run Script!
 - <http://code.securitytube.net/clientsprobes.zip>

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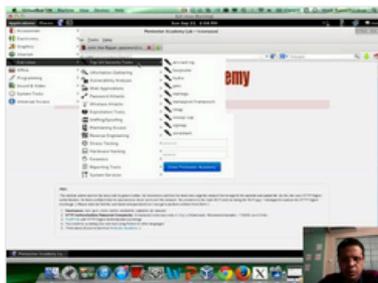
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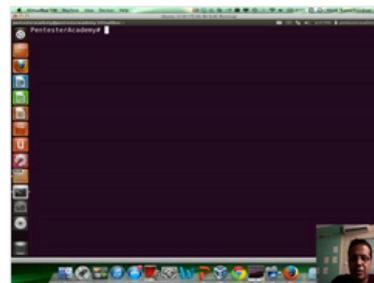
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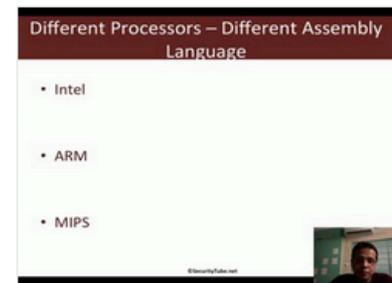
Challenge 7: Cracking Digest Authentication Solution in WAP Challenges



Challenge 7: Cracking Digest Authentication in WAP Challenges



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Module 1: CPU Information in x86_64 Assembly Language and Shellcoding on Linux