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[SOLVED] Packet injection and aircrack-ng Problem [IMPORTANT]

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Thread: Packet injection and aircrack-ng Problem [IMPORTANT]

Thread Tools   Display

May 25th, 2011   **#1**

unknown01 👤
First Cup of Ubuntu

🫘 🫘 🫘 🫘 🫘

Join Date:
May 2011
Beans:
7

Packet injection and aircrack-ng Problem [IMPORTANT]

Hey everybody:
actually I'm new in Ubuntu and i have some problems:
I searched all over the INTERNET and there was nothing to help me with this problem just i get more confused.
My problem is Packet Injection and aircrack-ng
i have an Atheros ar9285 wireless chipset i don't know how to inject packets and my another problem is that when i type aircrack-ng in Terminal it says that it's not installed so i go to the http://aircrack-ng.org/ and download the source when i opened it, i was confused what should i do now!!!
i had found some tutorials but they start after the packet injection.
please someone help me.
Thanks in Advanced.
Ubuntu is very good but it's a little bit hard😛.

Last edited by unknown01; May 25th, 2011 at 01:49 PM.

Adv Reply |

May 25th, 2011   **#2**

fractalman 👤
Gee! These Aren't Roasted!

🫘 🫘 🫘 🫘 🫘

Join Date:
May 2011
Beans:
169
Distro:
Ubuntu 11.04 Natty Narwhal

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

you should be able to find aircrack-ng in the synaptic package manager or the software centre

system>administration>synaptic package manager

Applications>software centre

then start typing aircarack-ng in the searchbox and it should find it, then mark for installation and click apply,

You'll probably want kismet as well, same procedure,

or you could try

Code:

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

you can compile it yourself from here

http://www.aircrack-ng.org/doku.php?id=newbie_guide

packet injection will be dependant on the wireless card so you might have to patch the drivers to get injection to work, I just had to patch my zd1211rw drivers

to test injection

Code:

```
aireplay-ng -9 wlan0
```

i would also suggest installing macchanger

Code:

```
sudo apt-get macchanger
```

http://www.aircrack-ng.org/doku.php?id=injection_test&
DokuWiki=0b0b995bccd2b0e098a9247424a17a04

Should just add that you're better off using tools like aircrack and kismet in a proper backtrack installation, they use a different kernel and can end up breaking your ubuntu install,

http://www.backtrack-linux.org/

Last edited by fractalman; May 25th, 2011 at 03:06 PM. **Reason:** *forgot some things*

Adv Reply |

May 25th, 2011   #3

fractalman 👤

Gee! These Aren't Roasted!

☕ ☕ ☕ ☕ ☕

Join Date:
May 2011

Beans:
169

Distro:
Ubuntu 11.04 Natty Narwhal

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

This might help you too

http://www.aircrack-ng.org/doku.php?id=tutorial

http://forum.aircrack-ng.org/index.php

Good luck 😃

Last edited by fractalman; May 25th, 2011 at 05:41 PM.

Adv Reply |

May 25th, 2011   #4

unknown01 👤

First Cup of Ubuntu

☕ ☕ ☕ ☕ ☕

Join Date:
May 2011

Beans:
7

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

> 👥 Originally Posted by **fractalman** 🔳
>
> *you should be able to find aircrack-ng in the synaptic package manager or the software centre*
>
> *system>administration>synaptic package manager*
>
> *Applications>software centre*
>
> *then start typing aircarack-ng in the searchbox and it should find it, then mark for installation and click apply,*
>
> *You'll probably want kismet as well, same procedure,*
>
> *or you could try*
>
> *Code:*
> ```
> sudo apt-get install aircrack-ng
> ```
>
> *you can compile it yourself from here*
>
> *http://www.aircrack-ng.org/doku.php?id=newbie_guide*
>
> *packet injection will be dependant on the wireless card so you might have to patch the drivers to get injection to work, I just had to patch my zd1211rw drivers*
>
> *to test injection*
>
> *Code:*
> ```
> aireplay-ng -9 wlan0
> ```
>
> *i would also suggest installing macchanger*
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> *Code:*
> ```
> sudo apt-get macchanger
> ```
>
> *http://www.aircrack-ng.org/doku.php?id=injection_test&DokuWiki=0b0b995bccd2b0e098a9247424a17a04*
>
> *Should just add that you're better off using tools like aircrack and kismet in a proper backtrack installation, they use a different kernel and can end up breaking your ubuntu install,*
>
> *http://www.backtrack-linux.org/*

Thank 'fractalman' but when i type in terminal

Code:

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

it comes:
""Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package aircrack-ng""
What should i do now??
and unable to load comes for MACCHANGER too.

And I'm the administrator

Thanks

Last edited by unknown01; May 25th, 2011 at 06:10 PM.

Adv Reply

May 25th, 2011   #5

fractalman 👤

Gee! These Aren't Roasted!

☕ ☕ ☕ ☕ ☕

Join Date:	May 2011
Beans:	169
Distro:	Ubuntu 11.04 Natty Narwhal

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

You might need to change the settings in the synaptic package manager, if you open the spm and look under settings for 'repositories, make sure that on the ubuntu software and other sources tabs the boxes are checked , then try those commands again.

Adv Reply

May 25th, 2011   #6

unknown01 👤
First Cup of Ubuntu

☕ ☕ ☕ ☕ ☕

Join Date:	May 2011
Beans:	7

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

> 👥 Originally Posted by **fractalman** 📝
>
> *You might need to change the settings in the synaptic package manager, if you open the spm and look under settings for 'repositories, make sure that on the ubuntu software and other sources tabs the boxes are checked , then try those commands again.*

hey men you're the best i tried and checked all and it found aircrack, kismet and macchanger
thanks for the help

now, can you help me with the packet injection, my wireless card is Atheros AR9285.
THANKS IN ADVANCED.

Adv Reply

May 25th, 2011   #7

fractalman

Gee! These Aren't Roasted!

	Join Date: May 2011
	Beans: 169
	Distro: Ubuntu 11.04 Natty Narwhal

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

which version of ubuntu are you running? i think you need the ath9k driver or the madwifi driver

http://aircrack-ng.org/doku.php?id=c...bility_drivers

http://linuxwireless.org/en/users/Drivers/ath9k

http://aircrack-ng.org/doku.php?id=patching

to test your packet injection just open a terminal and type

sudo aireplay-ng -9 wlan0

Adv Reply

May 26th, 2011   #8

unknown01

First Cup of Ubuntu

	Join Date: May 2011
	Beans: 7

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

Hey fractalman:
I had read this tutorials before but These are very confusing.
My ubuntu version is 11.04 (Natty Narwhal)
First of all I have a big question:
when i want to use packet injection should i download a file or do something elese?
If i have to download a file, how should i install it?
Please say the details and all of the basics.
Thank you.

Adv Reply

May 26th, 2011   #9

fractalman

Gee! These Aren't Roasted!

	Join Date: May 2011
	Beans: 169

Distro:
Ubuntu 11.04 Natty Narwhal

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

Ok well the first thing you have to do is determine if injection is working or not

open a terminal and type

Code:
```
sudo iwconfig
```

this will tell you the interface your using, mines is called 'wlan0' but depending on the drivers you use you might get wif0 or ath0, whatever your interface is called is what you should use for all commands

Then you need to put your interface in monitor mode, my monitor interface is called mon0 but yours might be different

Code:
```
sudo airmon-ng start wlan0
```

run sudo iwconfig again and check that monitor mode is enabled

then run the injection test

Code:
```
sudo aireplay-ng -9 wlan0
```

if injection is working you get a message like this

16:29:41 wlan0 channel: 9 16:29:41 Trying broadcast probe requests...
16:29:41 Injection is working!
16:29:42 Found 5 APs 16:29:42 Trying directed probe requests...
16:29:42 00:09:5B:5C:CD:2A - channel: 11 - 'NETGEAR'
16:29:48 0/30: 0% 16:29:48 00:14:BF:A8:65:AC - channel: 9 - 'title'
16:29:54 0/30: 0% 16:29:54 00:14:6C:7E:40:80 - channel: 9 - 'teddy'
16:29:55 Ping (min/avg/max): 2.763ms/4.190ms/8.159ms 16:29:55 27/30: 90%
16:29:55 00:C0:49:E2:C4:39 - channel: 11 - 'mossy'
16:30:01 0/30: 0%
16:30:01 00:0F:66:C3:14:4E - channel: 9 - 'tupper'
16:30:07 0/30: 0%

- **16:29:41 wlan0 channel: 9**: This tells you which interface was used and the channel it was running on.
- **16:29:41 Injection is working!**: This confirms your card can inject.
- **16:29:42 Found 5 APs**: These access points (APs) were found either through the broadcast probes or received beacons.
- **16:29:42 00:09:5B:5C:CD:2A - channel: 11 - 'NETGEAR'**: Notice that this AP is on channel 11 and not on our card channel of 9. It is common for adjacent channels to spill over.
- **16:29:55 Ping (min/avg/max): 2.763ms/4.190ms/8.159ms**: It an AP responds with one or more packets then the ping times are calculated.
- **16:29:55 27/30: 90%** for teddy: This is the only AP that the card can successfully communicate with. This is another verification that your card can inject. You will also notice that all the other APs have 0%.

If injection testing doesnt work using the interface wlan0(or whatever yours is called) then try running it on mon0(or whatever your monitor interface is called)

if you get a different message post the output and then we can work out if its the driver needs patching or not

I'm running 11:04 natty narwahl too but aircrack and kismet use a modified kernel and will most likely muck up your 11:04 install, i'm having trouble with mine at the mo, when i try and use aircrack or kismet my pc just crashes. i would recommend installing backtrack 5 alongside 11:04 and using that to run aircrack and kismet, it's what backtrack was designed for and i have no problems running aircrack and kismet from backtrack, just a bit of a chore rebooting the pc everytime😃

Last edited by fractalman; May 26th, 2011 at 09:58 AM.

Adv Reply

May 26th, 2011

#10

unknown01 👤
First Cup of Ubuntu

🫘 🫘 🫘 🫘 🫘

Join Date:
May 2011
Beans:
7

Re: Packet injection and aircrack-ng Problem [IMPORTANT]

Oh fractalman I think you don't knew that you are the best but know i tell you that you're the best 😃
Thanks meeeen.
first i checked with:

Code:
```
sudo aireplay-ng -9 wlan0
```

and it didn't work then like you said i checked with:

Code:
```
sudo aireplay-ng -9 mon0
```

then it comes:
Trying broadcast probe req.....
INJECTION IS WORKING!
Found 4 APs
and
.
.
.
.
Thank you men you're the best.
Have a nice day.
but if I had another problems I'll let you know😃

Adv Reply

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