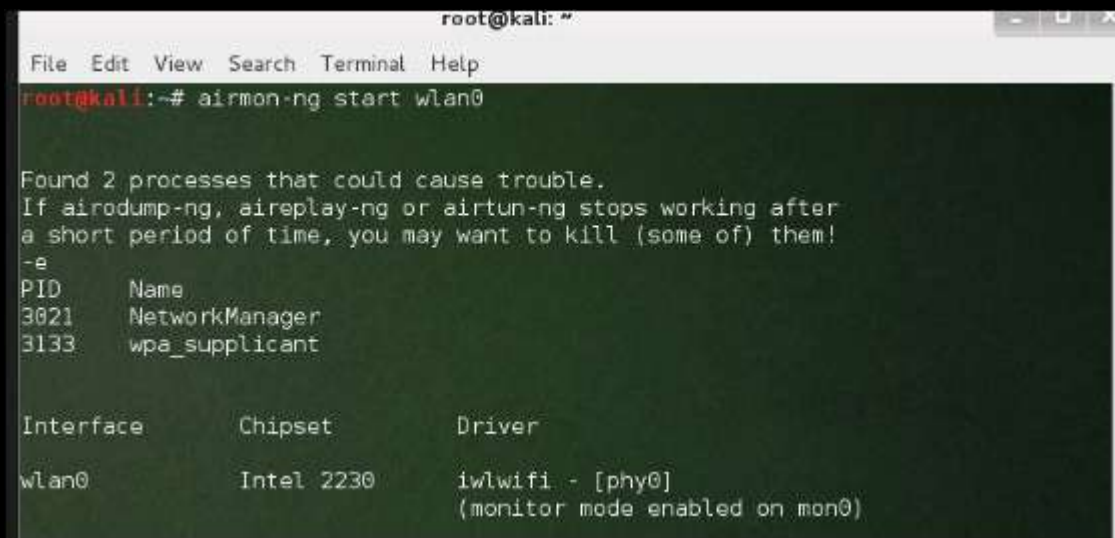


# Wireless Attacks-Fern Wifi Cracker

Fern Wifi cracker is one of the tools that Kali has to crack wireless.

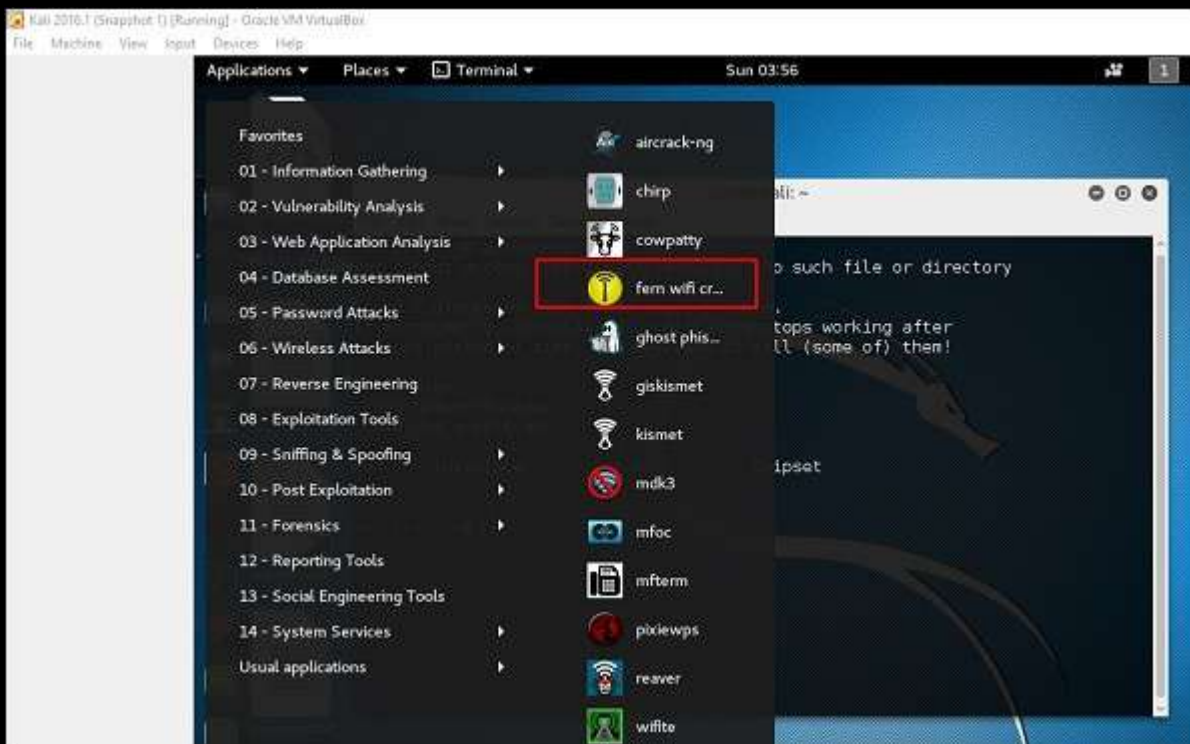
Before opening Fern, we should turn the wireless card into monitoring mode. To do this, Type “airmon-ng start wlan0” in the terminal.



```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# airmon-ng start wlan0  
  
Found 2 processes that could cause trouble.  
If airodump-ng, aireplay-ng or airtun-ng stops working after  
a short period of time, you may want to kill (some of) them!  
-e  
PID      Name  
3021     NetworkManager  
3133     wpa_supplicant  
  
Interface      Chipset      Driver  
wlan0          Intel 2230    iwlwifi - [phy0]  
              (monitor mode enabled on mon0)
```

Now, open Fern Wireless Cracker.

**Step 1** – Applications → Click “Wireless Attacks” → “Fern Wireless Cracker”.



**Step 2** – Select the Wireless card as shown in the following screenshot.



**Step 3** – Click “Scan for Access Points”.



**Step 4** – After finishing the scan, it will show all the wireless networks found. In this case, only “WPA networks” was found.

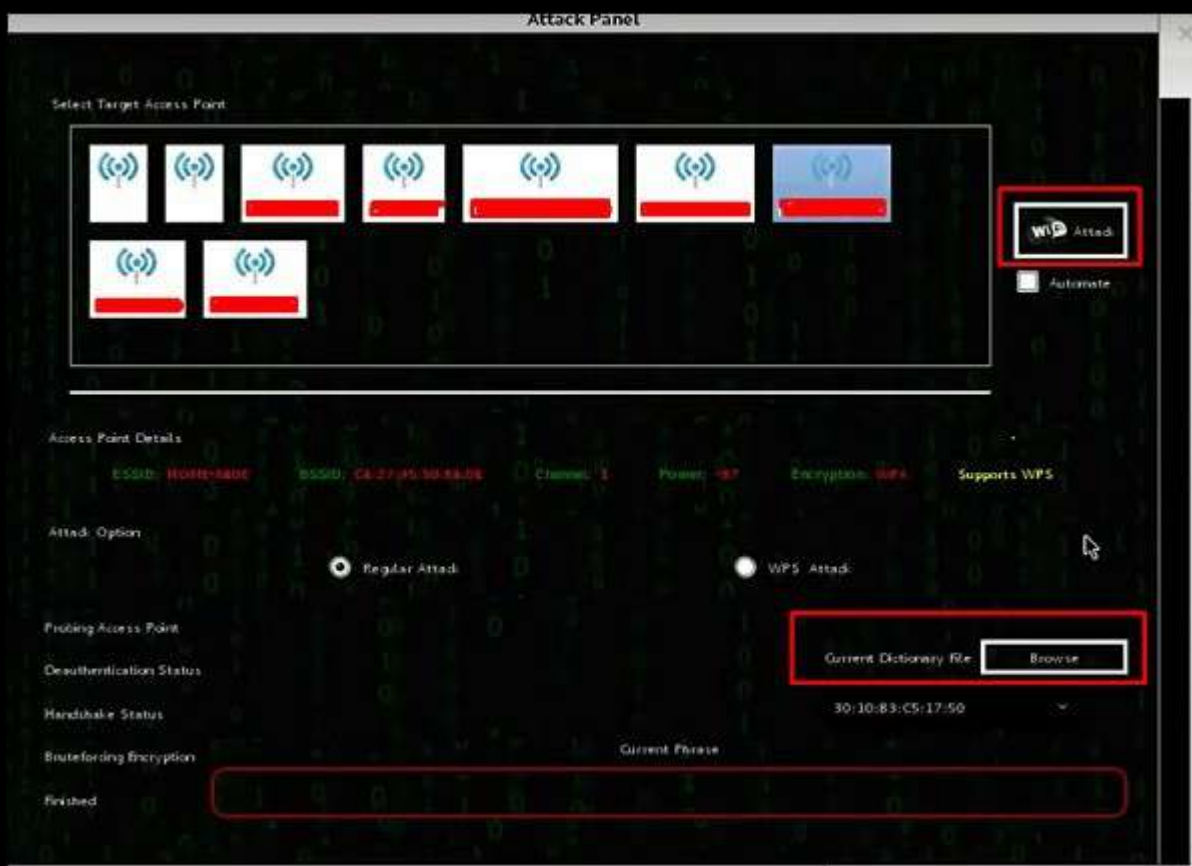


**Step 5** – Click WPA networks as shown in the above screenshot. It shows all the wireless found. Generally, in WPA networks, it performs Dictionary attacks as such.

**Step 6** – Click “Browse” and find the wordlist to use for attack.



**Step 7** – Click “Wifi Attack”.



**Step 8** – After finishing the dictionary attack, it found the password and it will show as depicted in the following screenshot picture.

