

Crunch Password list generation in Kali Linux

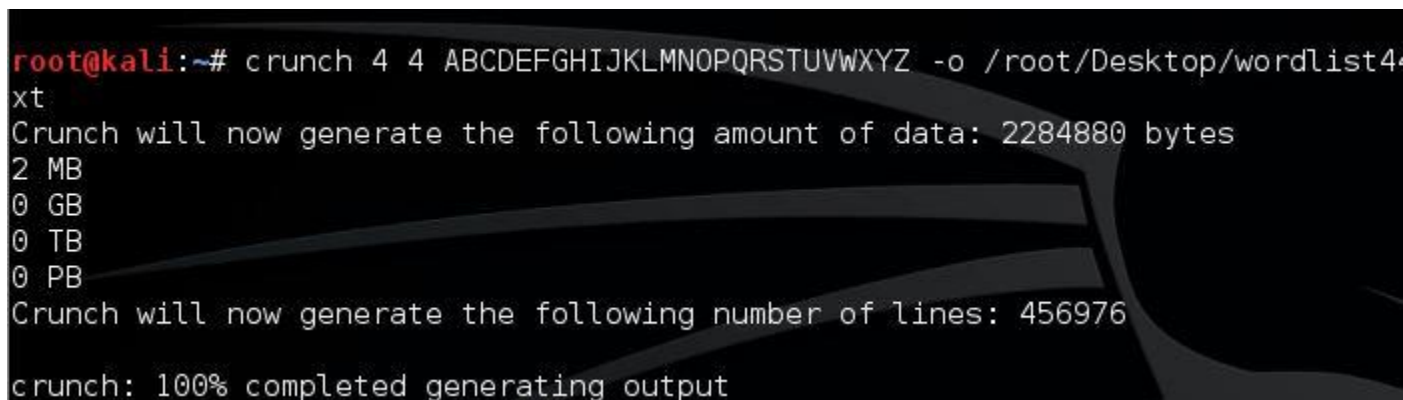
In this tutorial we will be using the Crunch Password list generation tool in Kali Linux. Crunch is an easy to use tool for generating a custom made password list used for brute force password cracking. Crunch comes as a standard tool in Kali Linux. This tutorial shows you how easy it is to generate a password list containing all combinations of 4 letters, 5 letters and a password list containing 5 letters followed by a year. You can also use Crunch to generate password lists based on default router passwords as demonstrated in a few other tutorials. UPC Broadband routers use 8 capital letters as default password for Wifi and TP Link routers use the 8 digit default WPS PIN. Both can be easily generated with Crunch.

Crunch password list generation

Let's use the following command to have Crunch generate a wordlist containing all combinations of 4 letters:

```
crunch 4 4 ABCDEFGHIJKLMNOPQRSTUVWXYZ -o /root/Desktop/wordlist.txt
```

The generated Crunch password list has a size of 2 MB



```
root@kali:~# crunch 4 4 ABCDEFGHIJKLMNOPQRSTUVWXYZ -o /root/Desktop/wordlist4.txt
Crunch will now generate the following amount of data: 2284880 bytes
2 MB
0 GB
0 TB
0 PB
Crunch will now generate the following number of lines: 456976
crunch: 100% completed generating output
```

Let's use the following command to have Crunch generate a wordlist containing all combinations of 5 letters:

```
crunch 5 5 ABCDEFGHIJKLMNOPQRSTUVWXYZ -o /root/Desktop/wordlist.txt
```

The generated Crunch password list has a size of only 67 MB

The next wordlist we are going to make is a wordlist containing all possible combinations with 5 letters follow by 1980. The 1980 represents a year of birth for instance, commonly used as a password in combination with a name:

```
crunch 8 8 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
-t @@@@1980 -o /root/Desktop/wordlist.txt
```

The generated Crunch password list has a size of only 3 MB.

