

## **Password Cracking**

Use a john the ripper hashcat to perform brute-force attacks on password hashes.

Steps of Password Cracking Follow as:

Open kali-linux operating system.

1. sudo -i
2. useradd (name)  
(eg:- useradd tina)
3. passwd (name)  
(eg:- passwd tina)
4. Grep name /etc/passwd  
(eg:- grep tina /etc/passwd)
5. Grep name /etc/shadow  
(eg:- grep tina/etc/shadow)
6. nano hash1.txt
7. apt-get install john
8. john –list=formats
9. john –format=crypt hash1.txt
10. Copy the passwd till 7:: at step 5
11. nano h1.txt
12. john -format=crypt h1.txt
13. nano h111.txt

14. john -format=raw=MD5 h111.txt