



Practical
4

How to Use John the Ripper in Kali Linux

* Cracking the Hashed Passwords

Step-1 Create Hash File

1.1 Open any md5 to text converter online

1.2 Copy hash value in text file.

```
$echo 698d51a19d8a121ce581499d7b701668 >hashpsw.txt
```

```
$cat hashpw.txt  
698d51a19d8a121ce581499d7b701668
```

Step-2 Crack the password file.

```
$john hashpw.txt --format=Raw-MD5
```

Step-3 Add more hash password in same text file.

Step-4 Cracks multiple passwords USING john the ripper command

```
$john hashpw.txt --format=Raw-MD5
```



* Practical - 2 Recover / Crack Zip File Passwords.

Step - 1 Create archive password protected file

1.1. write click on file and choose create archive and enter your password.

Step - 2 remove normal text file and now to open zip text file but it is password protected.

Step - 3 Identify the file path.

```
cd Desktop
```

```
ls
```

```
hide.zip.zip parul.
```

Step - 4 create hash file using ZIP2JOHN command for storing zip file password.

```
$ zip2john Desktop/hide zip.zip > hash.txt
```

Step - 5 see the hash file

```
$ cat hash.txt
```



Step - 6 apply John Command for crack
the password

\$john hash.txt.