

# Cracking a password

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# Check for Cracked Password

```
## This part works on Linux  
echo -n '<password>' | sha1sum
```

```
curl https://api.pwnedpasswords.com/range/<five character prefix on password hash>
```

# Crack a Password with Hashcat

Dictionary attack

```
./hashcat.exe -a 0 -m 0 -r ./rules/OneRuleToRuleThemAll.rule example0.hash rockyou.txt --potfile-disable -
```

Brute force attack:

```
./hashcat.exe -a 3 example0.hash -O
```