

# ocl Hashcat Notes

Monday, July 15, 2013  
4:12 PM

## Usage:

./oclHashcat-plus64.bin [options] <hash|hashfile> [dictionary]

## Options

-m NUM select hash type

0	MDS		
100	SHA1	120	shalsum
300	MySQL		
400	phpass, MDS (wordpress), MDS (phpBB3)		
500	md5crypt, MDS (Unix, FreeBSD, Cisco-Ios)		
900	MD4		
1400	SHA256	1420	sha256sum
1700	SHA512	1720	sha512sum
1800	sha512crypt		
3200	bcrypt		

-a NUM attack mode

0	Straight
1	Combination
3	Brute force
6	Hybrid dictionary + mask
7	Hybrid mask + dictionary

## shalsum steps

```
printf "\xA3\x23\x16\x2f testing" | shalsum
```

take output & append :a323162f

```
./oclHashcat-plus64.bin -m 120 --hex-salt <hash> example.dict
```

Sha256<sup>sum</sup> steps same, but use -m 1420  
sha512sum steps same, but use -m 1720

Md5sum steps same, use -m 20

md5pass steps

md5pass <passwd> > testing.hash

./oci Hashcat-plus64.bin -m 500 testing.hash example.dict