

# Passwords

## Generate Random Password

With `pwgen` (generate 1 password, length 16, with a least a number and uppercase character)

```
pwgen -cns 16 1
```

## Encrypt Password

With `openssl` (encrypt password from `password.txt` using SHA-512 and random salt)

```
openssl passwd -in password.txt -6
```

Paramter	Description
-salt <i>string</i>	use specified salt instead of random
-crypt	encrypt with <i>crypt</i> algorithm (default)
-1	encrypt with <i>MD5</i> algorithm
-5	encrypt with <i>SHA-256-crypt</i> algorithm
-6	encrypt with <i>SHA-512-crypt</i> algorithm

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