

genpass

This plugin provides three unique password generators for ZSH. Each generator has at least a 128-bit security margin and generates passwords from the cryptographically secure `/dev/urandom`. Each generator can also take an optional numeric argument to generate multiple passwords.

To use it from an interactive ZSH, add `genpass` to the plugins array in your `zshrc` file:

```
plugins=(... genpass)
```

You can also invoke password generators directly (they are implemented as standalone executable files), which can be handy when you need to generate passwords in a script:

```
~/ .oh-my-zsh/plugins/genpass/genpass-apple 3
```

genpass-apple

Generates a pronounceable pseudoword passphrase of the “cvccvc” consonant/vowel syntax, inspired by Apple’s iCloud Keychain password generator. Each password has exactly 1 digit placed at the edge of a “word” and exactly 1 capital letter to satisfy most password security requirements.

```
% genpass-apple
gelcyv-foqtam-fotqoh-viMleb-lexduv-6ixfuk
```

```
% genpass-apple 3
japvyz-qyjt4-kajrod-nubxaW-hukkan-dijcaf
vydpig-fucnul-3ukpog-voggom-zygNad-jepgad
zocmez-byznis-hegTaj-jecdyq-qiqmiq-5enwom
```

genpass-monkey

Generates visually unambiguous random meaningless strings using Crockford’s base32.

```
% genpass-monkey
xt7gn976e7jj3fstgpy27330x3
```

```
% genpass-monkey 3
n1qqwtzgejwgqve9yzf2gxvx4m
r2n3f5s6vbqs2yx7xjnmahqewy
296w9y9rts3p5r9yay0raek8e5
```

genpass-xkcd

Generates passphrases from `/usr/share/dict/words` inspired by the famous (and slightly misleading) XKCD comic. Each passphrase is prepended with a digit showing the number of words in the passphrase to adhere to password security requirements that require digits. Each word is 6 characters or less.

```
% genpass-xkcd
```

```
9-eaten-Slav-rife-aired-hill-cordon-splits-welsh-napes
```

```
% genpass-xkcd 3
```

```
9-worker-Vlad-horde-shrubs-smite-thwart-paw-alters-prawns
```

```
9-tutors-stink-rhythm-junk-snappy-hooray-barbs-mewl-clomp
```

```
9-vital-escape-Angkor-Huff-wet-Mayra-abbés-putts-guzzle
```