

NAME

openssl-passwd, passwd - compute password hashes

SYNOPSIS

```
openssl passwd [-help] [-crypt] [-1] [-apr1] [-salt string] [-in file] [-stdin] [-noverify] [-quiet] [-table]
{password}
```

DESCRIPTION

The **passwd** command computes the hash of a password typed at run-time or the hash of each password in a list. The password list is taken from the named file for option **-in file**, from stdin for option **-stdin**, or from the command line, or from the terminal otherwise. The Unix standard algorithm **crypt** and the MD5-based BSD password algorithm **1** and its Apache variant **apr1** are available.

OPTIONS**-help**

Print out a usage message.

-crypt

Use the **crypt** algorithm (default).

-1 Use the MD5 based BSD password algorithm **1**.

-apr1

Use the **apr1** algorithm (Apache variant of the BSD algorithm).

-salt *string*

Use the specified salt. When reading a password from the terminal, this implies **-noverify**.

-in *file*

Read passwords from *file*.

-stdin

Read passwords from **stdin**.

-noverify

Don't verify when reading a password from the terminal.

-quiet

Don't output warnings when passwords given at the command line are truncated.

-table

In the output list, prepend the cleartext password and a TAB character to each password hash.

EXAMPLES

openssl passwd -crypt -salt xx password prints **xxj31ZMTZzkVA**.

openssl passwd -1 -salt xxxxxxxx password prints **\$1\$xxxxxxx\$UYCIxa628.9qXjpQCjM4a..**

openssl passwd -apr1 -salt xxxxxxxx password prints **\$apr1\$xxxxxxx\$dxHfLAsjHkDRmG83UXe8K0**.

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