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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'openssl-passwd.1oss1' command

\$ man openssl-passwd.1oss1

OPENSSL-PASSWD(1oss1) OpenSSL OPENSSL-PASSWD(1oss1)

NAME

openssl-passwd - compute password hashes

SYNOPSIS

```
openssl passwd [-help] [-1] [-apr1] [-aixmd5] [-5] [-6] [-salt string]
[-in file] [-stdin] [-noverify] [-quiet] [-table] [-reverse] [-rand
files] [-writerand file] [-provider name] [-provider-path path]
[-propquery propq] [password]
```

DESCRIPTION

This 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, from stdin for option -stdin, or from the command line, or from the terminal otherwise.

OPTIONS

-help

Print out a usage message.

-1 Use the MD5 based BSD password algorithm 1 (default).

-apr1

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

-aixmd5

Use the AIX MD5 algorithm (AIX variant of the BSD algorithm).

-5

-6 Use the SHA256 / SHA512 based algorithms defined by Ulrich Drepper.

See <<https://www.akkadia.org/drepper/SHA-crypt.txt>>.

-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.

-reverse

When the -table option is used, reverse the order of cleartext and hash.

-rand files, -writerand file

See "Random State Options" in openssl(1) for details.

-provider name

-provider-path path

-propquery propq

See "Provider Options" in openssl(1), provider(7), and property(7).

EXAMPLES

```
% openssl passwd -1 -salt xxxxxxxx password
```

```
$1$xxxxxxx$UYClxa628.9qXjpQCjM4a.
```

```
% openssl passwd -apr1 -salt xxxxxxxx password
```

```
$apr1$xxxxxxx$dxHfLAsjHkDRmG83UXe8K0
```

```
% openssl passwd -aixmd5 -salt xxxxxxxx password
```

```
xxxxxxx$8Oaipk/GPKhC64w/YVeFD/
```

HISTORY

The -crypt option was removed in OpenSSL 3.0.

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3.0.7

2023-07-13

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