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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'openssl-pkcs7.1ossl' command

\$ man openssl-pkcs7.1ossl

OPENSSL-PKCS7(1ossl) OpenSSL OPENSSL-PKCS7(1ossl)

NAME

openssl-pkcs7 - PKCS#7 command

SYNOPSIS

openssl pkcs7 [-help] [-inform DER|PEM] [-outform DER|PEM] [-in filename] [-out filename] [-print] [-print_certs] [-text] [-noout] [-engine id] [-provider name] [-provider-path path] [-propquery propq]

DESCRIPTION

This command processes PKCS#7 files. Note that it only understands PKCS#7 v 1.5 as specified in IETF RFC 2315. It cannot currently parse CMS as described in IETF RFC 2630.

OPTIONS

-help

Print out a usage message.

-inform DER|PEM, -outform DER|PEM

The input and formats; the default is PEM. See openssl-format-options(1) for details.

The data is a PKCS#7 Version 1.5 structure.

-in filename

This specifies the input filename to read from or standard input if this option is not specified.

-out filename

Specifies the output filename to write to or standard output by

default.

-print

Print out the full PKCS7 object.

-print_certs

Prints out any certificates or CRLs contained in the file. They are preceded by their subject and issuer names in one line format.

-text

Prints out certificate details in full rather than just subject and issuer names.

-noout

Don't output the encoded version of the PKCS#7 structure (or certificates if -print_certs is set).

-engine id

See "Engine Options" in openssl(1). This option is deprecated.

-provider name

-provider-path path

-propquery propq

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

EXAMPLES

Convert a PKCS#7 file from PEM to DER:

```
openssl pkcs7 -in file.pem -outform DER -out file.der
```

Output all certificates in a file:

```
openssl pkcs7 -in file.pem -print_certs -out certs.pem
```

SEE ALSO

openssl(1), openssl-crl2pkcs7(1)

HISTORY

The -engine option was deprecated in OpenSSL 3.0.

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