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Rocky Enterprise Linux 9.2 Manual Pages on command 'openssl-crl.1ssl'

\$ man openssl-crl.1ssl

OPENSSL-CRL(1SSL) OpenSSL OPENSSL-CRL(1SSL)

NAME

openssl-crl - CRL command

SYNOPSIS

openssl crl [-help] [-inform DER|PEM] [-outform DER|PEM] [-key filename] [-keyform DER|PEM|P12] [-dateopt] [-text] [-in filename] [-out filename] [-gendelta filename] [-badsig] [-verify] [-noout] [-hash] [-hash_old] [-fingerprint] [-crlnumber] [-issuer] [-lastupdate] [-nextupdate] [-nameopt option] [-CAfile file] [-no-CAfile] [-CApath dir] [-no-CApath] [-CAstore uri] [-no-CAstore] [-provider name] [-provider-path path] [-propquery propq]

DESCRIPTION

This command processes CRL files in DER or PEM format.

OPTIONS

-help

Print out a usage message.

-inform DER|PEM

The CRL input format; unspecified by default. See openssl-format-options(1) for details.

-outform DER|PEM

The CRL output format; the default is PEM. See openssl-format-options(1) for details.

-key filename

The private key to be used to sign the CRL.

-keyform DER|PEM|P12

The format of the private key file; unspecified by default. See `openssl-format-options(1)` for details.

`-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.

`-gendelta filename`

Output a comparison of the main CRL and the one specified here.

`-badsig`

Corrupt the signature before writing it; this can be useful for testing.

`-dateopt`

Specify the date output format. Values are: `rfc_822` and `iso_8601`. Defaults to `rfc_822`.

`-text`

Print out the CRL in text form.

`-verify`

Verify the signature in the CRL.

`-noout`

Don't output the encoded version of the CRL.

`-fingerprint`

Output the fingerprint of the CRL.

`-crlnumber`

Output the number of the CRL.

`-hash`

Output a hash of the issuer name. This can be use to lookup CRLs in a directory by issuer name.

`-hash_old`

Outputs the "hash" of the CRL issuer name using the older algorithm as used by OpenSSL before version 1.0.0.

`-issuer`

Output the issuer name.

`-lastupdate`

Output the lastUpdate field.

-nextupdate

Output the nextUpdate field.

-nameopt option

This specifies how the subject or issuer names are displayed. See

openssl-namedisplay-options(1) for details.

-CAfile file, -no-CAfile, -CApath dir, -no-CApath, -CAstore uri, -no-CAstore

See "Trusted Certificate Options" in openssl-verification-options(1) for details.

-provider name

-provider-path path

-propquery propq

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

EXAMPLES

Convert a CRL file from PEM to DER:

```
openssl crl -in crl.pem -outform DER -out crl.der
```

Output the text form of a DER encoded certificate:

```
openssl crl -in crl.der -text -noout
```

BUGS

Ideally it should be possible to create a CRL using appropriate options and files too.

SEE ALSO

openssl(1), openssl-crl2pkcs7(1), openssl-ca(1), openssl-x509(1), openssl_store-file(7)

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