



Full credit is given to the above companies including the OS that this PDF file was generated!

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

\$ man openssl-crl.1oss1

OPENSSL-CRL(1oss1) OpenSSL OPENSSL-CRL(1oss1)

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)`,
`ossl_store-file(7)`

COPYRIGHT

Copyright 2000-2021 The OpenSSL Project Authors. All Rights Reserved.

Licensed under the Apache License 2.0 (the "License"). You may not use

this file except in compliance with the License. You can obtain a copy

in the file LICENSE in the source distribution or at

<<https://www.openssl.org/source/license.html>>.

3.0.7

2023-07-13

OPENSSL-CRL(1ossl)