

NAME

openssl-nseq - create or examine a Netscape certificate sequence

SYNOPSIS

openssl nseq [**-help**] [**-in** *filename*] [**-out** *filename*] [**-toseq**] [**-provider** *name*] [**-provider-path** *path*]
[**-propquery** *propq*]

DESCRIPTION

This command takes a file containing a Netscape certificate sequence and prints out the certificates contained in it or takes a file of certificates and converts it into a Netscape certificate sequence.

A Netscape certificate sequence is an old Netscape-specific format that can be sometimes be sent to browsers as an alternative to the standard PKCS#7 format when several certificates are sent to the browser, for example during certificate enrollment. It was also used by Netscape certificate server.

OPTIONS**-help**

Print out a usage message.

-in *filename*

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

-out *filename*

Specifies the output filename or standard output by default.

-toseq

Normally a Netscape certificate sequence will be input and the output is the certificates contained in it. With the **-toseq** option the situation is reversed: a Netscape certificate sequence is created from a file of certificates.

-provider *name***-provider-path** *path***-propquery** *propq*

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

EXAMPLES

Output the certificates in a Netscape certificate sequence

```
openssl nseq -in nseq.pem -out certs.pem
```

Create a Netscape certificate sequence

```
openssl nseq -in certs.pem -toseq -out nseq.pem
```

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