

**NAME**

asn1parse, ca, ciphers, cms, crl, crl2pkcs7, dgst, dhparam, dsa, dsaparam, ec, ecparam, enc, engine, errstr, gendsa, genpkey, genrsa, info, kdf, mac, nseq, ocsf, passwd, pkcs12, pkcs7, pkcs8, pkey, pkeyparam, pkeyutl, prime, rand, rehash, req, rsa, rsautl, s\_client, s\_server, s\_time, sess\_id, smime, speed, spkac, srp, storeutl, ts, verify, version, x509 – OpenSSL application commands

**SYNOPSIS**

**openssl** *cmd* **-help** | [**-option** | **-option arg**] ... [*arg*] ...

**DESCRIPTION**

Every *cmd* listed above is a (sub-)command of the **openssl**(1) application. It has its own detailed manual page at **openssl-*cmd***(1). For example, to view the manual page for the **openssl dgst** command, type `man openssl-dgst`.

**OPTIONS**

Among others, every subcommand has a help option.

**-help**

Print out a usage message for the subcommand.

**SEE ALSO**

**openssl**(1), **openssl-asn1parse**(1), **openssl-ca**(1), **openssl-ciphers**(1), **openssl-cms**(1), **openssl-crl**(1), **openssl-crl2pkcs7**(1), **openssl-dgst**(1), **openssl-dhparam**(1), **openssl-dsa**(1), **openssl-dsaparam**(1), **openssl-ec**(1), **openssl-ecparam**(1), **openssl-enc**(1), **openssl-engine**(1), **openssl-errstr**(1), **openssl-gendsa**(1), **openssl-genpkey**(1), **openssl-genrsa**(1), **openssl-info**(1), **openssl-kdf**(1), **openssl-mac**(1), **openssl-nseq**(1), **openssl-ocsp**(1), **openssl-passwd**(1), **openssl-pkcs12**(1), **openssl-pkcs7**(1), **openssl-pkcs8**(1), **openssl-pkey**(1), **openssl-pkeyparam**(1), **openssl-pkeyutl**(1), **openssl-prime**(1), **openssl-rand**(1), **openssl-rehash**(1), **openssl-req**(1), **openssl-rsa**(1), **openssl-rsautl**(1), **openssl-s\_client**(1), **openssl-s\_server**(1), **openssl-s\_time**(1), **openssl-sess\_id**(1), **openssl-smime**(1), **openssl-speed**(1), **openssl-spkac**(1), **openssl-srp**(1), **openssl-storeutl**(1), **openssl-ts**(1), **openssl-verify**(1), **openssl-version**(1), **openssl-x509**(1),

**HISTORY**

Initially, the manual page entry for the `openssl cmd` command used to be available at *cmd*(1). Later, the alias **openssl-*cmd***(1) was introduced, which made it easier to group the openssl commands using the **apropos**(1) command or the shell's tab completion.

In order to reduce cluttering of the global manual page namespace, the manual page entries without the 'openssl-' prefix have been deprecated in OpenSSL 3.0 and will be removed in OpenSSL 4.0.

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