



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'mac.1oss!' command***

***\$ man mac.1oss!***

OPENSSL-CMDS(1oss!)                    OpenSSL                    OPENSSL-CMDS(1oss!)

### NAME

asn1parse, ca, ciphers, cmp, cms, crl, crl2pkcs7, dgst, dhparam, dsa, dsaparam, ec, ecpkcs7, enc, engine, errstr, gensa, 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-cmp(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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