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Universal Certificate 6.8.x

Quick Reference Guide

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Usage

ucert CMD [OPTIONS...]

Format

There is a long form and, for most options, a short form available for specifying each option on the command line. The long form is not case-sensitive; the short form is case-sensitive.

Options must be prefixed with a dash (**-**) character. If an option value is specified, the option and its value must be separated by at least one space.

CMD {-create | -revoke | -print | -verify | -help | -version}

Long Form	Short Form	Description
-create *object*	-c *object*	Universal Certificate is to create a certificate, certificate request, certificate revocation list (CRL), or transport file.
-revoke *object*	n/a	Universal Certificate is to revoke a certificate.
-print *object*	-p *object*	Universal Certificate is to print a certificate, certificate request, certificate revocation list (CRL), or transport file.
-verify *object*	n/a	Universal Certificate is to verify a certificate.
-help	-h	Writes a description of the command line options and their format.
-version	-v	Writes the program version and copyright information.

OPTIONS [-ca] [-ca_cert] [-ca_cert_file] [-cert_db] [-cert_file] [-cert_format] [-codepage] [-common_name] [-country] [-crl_file] [-crl_format] [-dns_name] [-email_address] [-encryptedfile] [-file] [-ip_address] [-key] [-key_size] [-level] [-locality] [-next_update_days] [-next_update_hours] [-nls] [-not_after_date] [-not_before_date] [-organization] [-organizational_unit] [-private_key_file] [-private_key_format] [-private_key_infile] [-private_key_pwd] [-request_file] [-request_format] [-revoke_reason] [-serial_number] [-state] [-transport_file] [-transport_file_pwd]

Long Form	Short Form	Description
-ca *option*	n/a	Specification for whether or not the certificate should be marked as a Certificate Authority certificate.
-ca_cert *format*	-A *format*	Format of the CA certificate file specified by -ca_cert_file.
-ca_cert_file *file*	-a *file*	File from which the CA certificate is read or file to which the CA certificate is written.
-cert_db *file*	n/a	Name of the certificate database.
-cert_file *file*	-d *file*	File from which the certificate is read or file to which the certificate is written.
-cert_format *format*	-D *format*	Format of the certificate file specified by -cert_file.
-codepage *codepage*	-t *codepage*	Character code page used to translate text data.
-common_name *name*	n/a	Common name of the **subject** field of a certificate.
-country *name*	n/a	Country name of the **subject** field of a certificate.
-crl_file *file*	n/a	File to which the Certificate Revocation List (CRL) is written.
-crl_format *format*	n/a	Format of the CRL file specified by -crl_file.
-dns_name *name*	n/a	Domain Name System (DNS) name of the computer system identified by the certificate.
-email_address *name*	n/a	E-mail address of the entity identified by the certificate.
-encryptedfile *filename*	-x *filename*	Name of an encrypted command file.
-file *filename*	-f *filename*	Name of a plain text command file.
-ip_address *name*	n/a	Internet Protocol (IP) addresss of he computer system identified by the certificate.
-key *key*	-K *key*	Key used to encrypt the command file.
-key_size *size*	-s *size*	Key size of the RSA public / private keys.
-level *level*	-l *level*	Level of messages to write.
-locality *name*	n/a	Locality name of the **subject** field of a certificate.
-next_update_days *days*	n/a	Number of days to the next CRL update.
-next_update_hours *hours*	n/a	Number of hours to the next CRL update.
-nls *directory*	n/a	Name of the directory where the code page UTT files are located.
-not_after_date *date*	n/a	Last day for which the certificate is considered valid.
-not_before_date *date*	n/a	First day for which the certificate is considered valid.
-organization *name*	n/a	Organization name of the **subject** field of a certificate.

-organizational_unit *name*	n/a	Organization unit name of the **subject** field of a certificate.
-private_key_file *file*	-e *file*	File from which the RSA private key is read or file to which the RSA private key is read.
-private_key_format *format*	-E *format*	Format of the private key file specified by -private_key_file.
-private_key_infile *file*	-i *file*	File from which an RSA private key is read.
-private_key_pwd *password*	-w *password*	Private key password that is used to read and write the private key file specified by -private_key_file.
-request_file *file*	-r *file*	File from which the certificate request is read or file to which the certificate request is written.
-request_format *format*	-R *format*	Format of the certificate request file specified by -request_file.
-revoke_reason *reason*	n/a	Reason that a certificate is being revoked.
-serial_number *number*	n/a	Unique serial number to be assigned to the created certificate.
-state *name*	n/a	State name of the **subject** field of a certificate.
-transport_file *file*	n/a	File from which the certificate and private key is read or file to which the certificate and private key is written.
-transport_file_pwd *password*	n/a	Password used to protect the transport file specified by -transport_file.

Create a Certificate Request

-create *request* -request_file [-request_format] -private_key_file [-private_key_format] [-private_key_pwd] [-key_size] [-country] [-state] [-locality] [-organization] [-organizational_unit]
[-common_name] { [-dns_name] | [-ip_address] } [-email_address]

Create a Certificate from a Certificate Request

-create *cert* -request_file [-request_format] -cert_file [-cert_format] -private_key_file [-private_key_format] -private_key_infile [-private_key_format] [-private_key_pwd]

-ca_cert_file [-ca_cert_format] [-serial_number] [-not_before_date] [-not_after_date] [-ca] [-cert_db]

Create a Certificate from a Transport File

-create *cert* -transport_file [-transport_file_pwd] -cert_file [-cert_format] [-private_key_file [-private_key_format]] -private_key_infile [-private_key_format] [-ca_cert_file file [-ca_cert_format]]

Create a Certificate Revocation List

-create *crl* -crl_file [-crl_format] -ca_cert_file [-ca_cert_format] -private_key_file [-private_key_format] -private_key_infile [-private_key_format] [-private_key_pwd]

-next_update_days -next_update_hours [-cert_db]

Create a Transport File

-create *transport* -transport_file [-transport_file_pwd] -cert_file [-cert_format] -private_key_file [-private_key_format] -private_key_infile [-private_key_format]

[-private_key_pwd] [-ca_cert_file [-ca_cert_format]]

Print a Certificate Request

-print *request* -request_file [-request_format]

Print a Certificate

-print *cert* -cert_file [-cert_format]

Print a Certificate Revocation List

-print *crl* -crl_file [-crl_format]

Print a Transport File

-print *transport* -transport_file [-transport_file_pwd]

Revoke a Certificate

-revoke *cert* [-revoke_reason] -cert_file [-cert_format] [-cert_db]

Verify a Certificate

-verify *cert* -cert_file [-cert_format] -ca_cert_file [-ca_cert_format] [-crl_file [-crl_format]]