stonebranch

Universal Control 7.0.x

Quick Reference Guide

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Usage

uctl COMMAND HOST [LOCAL] [USER] [OPTIONS...]

uctl {-help|-version}

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.

COMMAND {-start | -stop | -refresh } [-file | -encryptedfile [-key]]

Long Form	Short Form	Description
-start *compname*	n/a	Name of the component that is to be started.
-stop *compid*	-s *compid*	ID of the component that is to be terminated.
-refresh [*compname*]	-R [*compname*]	Name of the component to be refreshed. If no *compname* is specified, send a REFRESH command to a Universal Broker to instruct it to re-read its configuration parameters and re-read its component definitions.
-file *file*	-f *file*	Name of a file from which UCTL options are read.
-encryptedfile *file*	-x *file*	Name of an encrypted file from which UCTL options are read. Encrypted UCTL option files are creating using Universal Encrypt.
-key *key*	-K *key*	Key that was passed to Universal Encrypt when the UCTL option file was encrypted.

HOST -host [-port] [-hostname_retry_count] [-outboundip]

Long Form	Short Form	Description
-host *hostaddress*	-i *hostaddress*	Host network address in dotted form (1.2.3.4) or a host domain name.
-port *port*	-p *port*	Host port number on which Universal Broker is listening. Default is the Universal Broker default.
-hostname_retry_count *count*	n/a	Number of attempts to resolve the host name.
-outboundip *host*	n/a	Host network address to bind to for all outbound connections. *host* format is dotted form (1.2.3.4) or a host domain name.

LOCAL [-bif_directory] [-plf_directory] [-system_id]

Long Form	Short Form	Description
-bif_directory *directory*[U]	n/a	Broker Interface File (BIF) directory where the Universal Broker interface file is located.
-plf_directory *directory*[U]	n/a	Program Lock File (PLF) directory where the program lock files are located.
-system_id *ID*[Z]	n/a	Local Universal Broker with which the UCMD Manager must register before the Manager performs any request.

[U] Available for use on UNIX operating systems only.

[Z] Available for use on z/OS operating systems only.

USER [-userid [-password]]

Long Form	Short Form	Description
-userid *user*	-u *user*	Remote user ID with which the command runs.
-pwd *password*	-w *password*	Remote user ID's password.

OPTIONS [{-help | -version} | [-cmdid] [-crl] [-lang] [-level] [-delay] [-codepage] [-ctl_ssl_cipher_list] [-default_cipher] [-cert -private_key [-private_key_pwd]] [saf_key_ring [-saf_key_ring_label]] [-ssl_implementation] [-ca_certs [-verify_host_name] [-verify_serial_number]]

Long Form	Short Form	Description
-ca_certs *file*	n/a	Name of a PEM-formatted file containing the X.509 certificates for trusted Certificate Authorities (CAs).
-cert *file*	n/a	Name of a PEM-formatted file containing an X.509 certificate used to identify UCMD to the Broker.
-cmdid *id*	-C *id*	Identity of the started component.
-codepage <codepage>	-t <codepage>	Code page used to translate text on the local host.
-crl *file* / *ddname*	n/a	File name / ddname of the PEM-formatted file containing the Certificate Revocation List (CRL) issued by the trusted Certificate Authority.
-ctl_ssl_cipher_list *ciphers*	n/a	SSL/TLS cipher suites (one or more, in their preferred order) for control SSL/TLS connections. *ciphers* is a comma-separated list of cipher suite names. Valid values are AES256-GCM-SHA384,AES256-SHA,AES128-GCM-SHA256, AES128-SHA,RC4-SHA,RC4-MD5,DES-CBC3-SHA.
-delay *seconds*	-d *seconds*	Maximum delay for transmitting data that may be expected due to network conditions.
-help	-h	Write help file.
-lang *language*	-L *language*	Message and text language.
-level *level*	-l *level*	Message level: error, warn, info, audit, or trace.
-private_key *file*	n/a	Name of a PEM-formatted file containing the RSA private key corresponding to the X.509 certificate specified by **-cert**.
-private_key_pwd *password*	n/a	Password for the private key file specified by **-private_key**.
-saf_key_ring *name*	n/a	SAF (RACF is a SAF implementation) certificate key ring name that Universal Control should used for its certificate.
-saf_key_ring_label *label*	n/a	Label of the certificate in the SAF (RACF is a SAF implementation) certificate key ring that Universal Control should use for its certificate.
-ssl_implementation *option*[Z]	n/a	SSL/TLS implementation to be used for network communications. Valid values for *option* are: • openssl: OpenSSL SSL/TLS library is used. • system: z/OS system SSL library is used.
-verify_host_name *host*	n/a	Specification that the Broker's X.509 certificate must identify a host name that matches <host>.
-verify_serial_number *number*	n/a	Specification that the Broker's X.509 certificate must have a serial number that matches *number*. Hexadecimal format is specified with a prefix of 0x or 0X.
-version	-v	Write program version information and exit.

[Z] Available for use on z/OS operating systems only.