



Universal Control 6.4.x

Quick Reference Guide

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Universal Control 6.4.x Quick Reference Guide

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 <i>compname</i> | n/a | Name of the component that is to be started. |
| -stop <i>compid</i> | -s <i>compid</i> | ID of the component that is to be terminated. |
| -refresh [<i>compname</i>] | -R [<i>compname</i>] | Name of the component to be refreshed. If no <i>compname</i> 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 <i>file</i> | -f <i>file</i> | Name of a file from which UCTL options are read. |
| -encryptedfile <i>file</i> | -x <i>file</i> | Name of an encrypted file from which UCTL options are read. Encrypted UCTL option files are created using Universal Encrypt. |
| -key <i>key</i> | -K <i>key</i> | 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 <i>hostaddress</i> | -i <i>hostaddress</i> | Host network address in dotted form (1.2.3.4) or a host domain name. |
| | | Host port number on which Universal Broker is listening. Default is the |

| | | |
|------------------------------------|----------------|---|
| -port <i>port</i> | -p <i>port</i> | Universal Broker default. |
| -hostname_retry_count <i>count</i> | n/a | Number of attempts to resolve the host name. |
| -outboundip <i>host</i> | n/a | Host network address to bind to for all outbound connections. <i>host</i> 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 <i>directory</i> ^U | n/a | Broker Interface File (BIF) directory where the Universal Broker interface file is located. |
| -plf_directory <i>directory</i> ^U | n/a | Program Lock File (PLF) directory where the program lock files are located. |
| -system_id <i>ID</i> ^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 <i>user</i> | -u <i>user</i> | Remote user ID with which the command runs. |
| -pwd <i>password</i> | -w <i>password</i> | 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 <i>file</i> | n/a | Name of a PEM-formatted file containing the X.509 certificates for trusted Certificate Authorities (CAs). |
| -cert <i>file</i> | n/a | Name of a PEM-formatted file containing an X.509 certificate used to identify UCMD to the Broker. |
| -cmdid <i>id</i> | -C <i>id</i> | Identity of the started component. |
| -codepage <codepage> | -t <codepage> | Code page used to translate text on the local host. |

| | | |
|---|--------------------|---|
| - <i>cert file / ddname</i> | n/a | File name / ddname of the PEM-formatted file containing the Certificate Revocation List (CRL) issued by the trust Authority. |
| - <i>ctl_ssl_cipher_list ciphers</i> | n/a | SSL cipher suites (one or more, in their preferred order) for control SSL connections. <i>ciphers</i> is a comma-separated suite names. Valid values are AES256-GCM-SHA384,AES256-SHA,AES128-GCM-SHA256,AES128-SHA,RC4-SHA,RC4-MD5,DES-CBC3- |
| - <i>delay seconds</i> | -d <i>seconds</i> | Maximum delay for transmitting data that may be expected due to network conditions. |
| -help | -h | Write help file. |
| - <i>lang language</i> | -L <i>language</i> | Message and text language. |
| - <i>level level</i> | -l <i>level</i> | Message level: error, warn, info, audit, or trace. |
| - <i>private_key file</i> | n/a | Name of a PEM-formatted file containing the RSA private key corresponding to the X.509 certificate specified by <i>cert</i> . |
| - <i>private_key_pwd password</i> | n/a | Password for the private key file specified by -private_key . |
| - <i>saf_key_ring name</i> | n/a | SAF (RACF is a SAF implementation) certificate key ring name that Universal Control should use for its certificates. |
| - <i>saf_key_ring_label label</i> | n/a | Label of the certificate in the SAF (RACF is a SAF implementation) certificate key ring that Universal Control should use for its certificates. |
| - <i>ssl_implementation option</i> ^Z | n/a | Secure Socket Layer (SSL) implementation to be used for network communications. Valid values for <i>option</i> are: <ul style="list-style-type: none"> • openssl: OpenSSL SSL library is used. • system: z/OS system SSL library is used. |
| - <i>verify_host_name host</i> | n/a | Specification that the Broker's X.509 certificate must identify a host name that matches <host>. |
| - <i>verify_serial_number number</i> | n/a | Specification that the Broker's X.509 certificate must have a serial number that matches <i>number</i> . Hexadecimal 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.