QuickDNS Manager
Command Line Interface

for Windows, Solaris, FreeBSD and Linux

Introduction

The QuickDNS Manager Command Line Interface (CLI) contains various commands to help you manage your zones from the command line.

You can use the CLI interactively, executing one command at a time, or you can execute script files to execute multiple commands in one batch. Script files can be supplied as arguments when starting the CLI and they can also be run from within the CLI using the `execute` command.

This document contains a list of the commands supported by the CLI and an example script to help you get started.

QuickDNS Manager CLI commands

Below you will find a list of the commands and a description on each command.

When a command is executed, no value is returned unless explicitly stated in the command description, or an error occurs while executing the command. If an error occurs while executing a command, an error number and an error string is returned.

QuickDNS Manager CLI supports several startup arguments. To see those arguments, enter `qdnscmd -h`.

Command list

`add`	Adds a record to a zone.
`addServer`	Adds a name server to the list of known servers.
`addSlaveZone`	Adds a slave zone to a server.
`addZone`	Adds a zone to a list of servers.
`close`	Closes a zone without saving changes.
`defaultTTL`	Gets or sets the default TTL for a zone.
`delete`	Deletes a record in a zone.
`deleteZone`	Deletes a zone.
`disable`	Disables a record in a zone.
`edit`	Changes a record in a zone.
`enable`	Enables a record in a zone.
`execute`	Executes a script file.
`export`	Exports a zone to an external file.
`help`	Prints out this help screen.
`history`	Shows zone change history.
`import`	Imports a zone from an external file.
`isConnected`	Returns true if we are connected to a QuickDNS Central server.
`login`	Logs on to the QuickDNS Central server.
`open`	Opens and reads a zone from server.
`print`	Prints out a zone.
`prompt`	Changes the prompting mode.
`quit`	Quits the program.
`refresh`	Reloads a zone from server.

`rem`	Remark.
`removeServer`	Removes a server from the list of known servers.
`save`	Saves a zone.
`serverInfo`	Lists information about a server.
`servers`	Lists all servers available.
`verify`	Syntax checks a zone.
`zoneInfo`	Displays information about a zone.
`zoneModified`	Returns indication on whether a zone has been modified.
`zones`	Lists all zones available.

Command description

Below you will find a description of every command supported by the CLI. Note that you can use a hyphen (-) instead of **<zonename>** to specify the last zone used. For example, `close` - will close the last zone you worked with.

`add <zonename> <recno> <record>`
Adds a record to a zone. Providing **<recno>** as -1 adds the record at the end of the zone.

`addServer <server> [<address>]`
Adds a name server to the list of known servers.

`addSlaveZone <zonename> <server> <masteraddress 1>
[<masteraddress 2> ...]`
Adds a slave zone to a server. There must be at least one master IP address.

`addZone <zonename> <server> [<slave 1> <slave 2> ...]`
Adds a zone to a list of servers. Slave servers are optional.

`close <zonename>`
Closes a zone without saving changes.

`defaultTTL <zonename> [<value>]`
Gets or sets the default TTL for a zone. If no value is provided the command returns the current TTL value.

Note: This command will only work for static zones on BIND servers.

`delete <zonename> <recno>`
Deletes a record in a zone.

`deleteZone <zonename> [<server 1> <server 2> ...]`
Deletes a zone. If no servers are provided the zone **<zonename>** will be removed from all servers.

`disable <zonename> <recno>`
Disables a record in a zone.

```
edit <zonename> <recno> <record>
```
Changes the contents of record **<recno>.** The new record must be of the same type as the old one.

```
enable <zonename> <recno>
```
Enables a record in a zone.

```
execute <filename>
```
Executes a script file.

```
export <zonename> <filename>
```
Exports a zone to an external file.

```
help [<command>]
```
Prints out help information. If a command name is provided as an argument, information that is more detailed will be displayed about that command.

```
history <zonename>
```
Shows zone change history.

```
import <zonename> <server> [<slave 1> <slave 2> ...]
<filename>
```
Imports a zone from an external file.

```
isConnected
```
Returns true if we are connected to a QuickDNS Central server.

```
login <server> <username> <password>
```
Logs on to the QuickDNS Central server.

```
open <zonename>
```
Opens and reads a zone from server.

```
print <zonename> [<range>]
```
Prints out a zone. **<range>** is optional and can be on the form **<num>[-<num>]**.

```
prompt [on/off]
```
Changes the prompting mode. With prompting on, the user is questioned about all drastic changes he is about to make. With prompting off, the user is never asked a question. If no argument is given, the program prints out whether prompting is on or off.

```
quit
```
Quits the program.

```
refresh <zonename>
```
Reloads a zone from server.

`rem`
A remark. The rest of the line is ignored. The # character can also be used to indicate a remark.

`removeServer <servername>`
Removes a server from the list of known servers.

`save <zonename> [/force][<comment>]`
Saves a zone. If the `/force` argument is given the zone is saved even though a newer version of the zone exists on the server.

`serverInfo <server>`
Lists information about a server.

`servers`
Lists all servers available.

`verify <zonename>`
Syntax checks a zone. Returns a list of syntax errors, or nothing if the zone contains no such errors.

`zoneModified <zonename>`
Returns indication on whether a zone has been modified. Returns true if zone is dirty and needs to be saved.

`zoneInfo <zonename>`
Displays information about a zone.

`zones [<server>]`
Lists all zones available. The argument **`<server>`** is optional. If provided, the command only lists all zones on the specified server.

Example script

The script below is intended to help you get started using the QuickDNS Manager CLI.
You can use it as a starting point when writing your own scripts.

```
################################################
# Demo script for QuickDNS Manager command line
################################################

# start by logging in to QuickDNS central
login server.acme.com. user password

# print out all zones available
zones

# import a zone file 'zonefile.txt' as the zone 'test.zone.com.'
# on master server 'server.acme.com.'
import test.zone.com. server.acme.com. zonefile.txt

# print the zone
print test.zone.com.

# add one record to it
# NOTE: we can use '-' to refer to the last used zone and -1 means at
# the end of the zone
add - -1 test.record 1d A 10.2.3.4 ; this is comment for the new record

# Disable the third record
disable - 3

# then save it with comments
save - imported this new zone from a file and added one record

# print out all history for the zone, which should of course
# only be the last save comment
history -

# Then quit and we should be back at the OS command prompt
# NOTE: we could skip this command and return to the
# command prompt of QuickDNS Manager
quit
```