



Command-Line Interface Command Summary

This chapter provides an overview of how to use the Cisco CDA Visual Quality Experience Client System Command Reference Guide (VQE-C) software command-line interface (CLI), including an explanation of CLI command modes, and tables that summarize the purpose of the commands in each mode. The chapter includes the following sections:

- [Using Command Modes, page 1-1](#)



Note

The CLI can be accessed through the console port or Telnet.

Using Command Modes

The convention used in this document for the command grammar is:

keyword argument [optional-argument] {argument-choice-1 | argument-choice-2}.

Similar to the IOS CLI, the VQE-C CLI has different operating modes. Each mode allows a certain set of commands:

- EXEC mode : Allows commands that are not potentially destructive
- Privileged EXEC mode : Allows all EXEC mode commands (except 'enable') and commands that have more control over VQE-C's functionality and also have greater potential for destruction
- Configure mode : Allows commands to control and configure the basic functionality of VQE-C

The VQE-C CLI has some built-in features to promote ease-of-use. A list of these features to keep in mind while using the VQE-C CLI is as follows:

- type '?' at any time to display possible completions or usage information for a command.
- use the up-arrow and down-arrow to cycle backwards and forwards through command history.
- use "command | include pattern" to only display lines from the resulting output of command that contain the string pattern.

Whenever any change is made to the VQE-C configuration via the CLI, the new configuration is only guaranteed to take effect on the next channel change, after all tuners have been unbound from that particular channel. For example, enabling error repair will only become active on the next channel change (where the channel being bound to has no prior bindings to it). Also, it should be noted that some commands may mask the effects of others. In particular, the drop interval and drop percentage commands will have no noticeable effect until drop enable is given. It is also important to note that none of the effects of these commands are saved through a restart of VQE-C.

