



Clavister Advanced CLI

Clavister Training Course Data Sheet

Course Details

- **Duration**
 - ½ day
- **Available Format**
 - On-site
 - Instructor-Led Online (ILO) Course

Prerequisite

- Clavister Fundamentals Course

Key Course Topics

- CLI Introduction
- Troubleshooting Commands
- Network Commands
- IP Rules using CLI
- Traffic Capture
- CLI Scripts

Introducing Clavister Advanced CLI Training Course

Clavister offers an extensive technical training curriculum for network administrators, security experts and Clavister Partners who need to enhance their knowledge and maximize their investment in Clavister products and services.

Clavister Advanced CLI is a hands-on training course that teaches you how to best make use of the built-in command-line interface (CLI) in Clavister Security Gateway for advanced operations.

After completing this course you will have a good understanding how to administrate your Clavister Security Gateway using the built-in CLI and to build complex batch operations to simplify your daily tasks.

Course Objectives

At the end of this course the participants will be able to:

- use CLI commands to perform advanced operations
- troubleshooting and diagnostics using CLI commands
- activate, commit and reject changes to configurations
- advanced configuration of IP rules
- capture and transfer traffic data using `pcapdump` and `scp`
- create scripts automatically and using variables in scripts

Certification

After completing the Clavister Advance CLI course, you have the option to take the certification exam and obtain an official Clavister certificate.

Target Audience

The target audience for the Clavister Advanced CLI course are network administrators responsible for integration, administration and management using Clavister Security Gateways.

The course is applicable to all types of Clavister Security Gateways, including physical, software and virtual security gateways.

Course Outline

The following is an outline of the Clavister Advanced CLI course. Note that the outline might change slightly as the course goes through revisions.

Repetition

- Repetition and preparing the lab environment

Command-Line Interface Introduction

- An overview of the command-line interface (CLI)
- How to access the built-in Help
- Using Function Keys for editing

Troubleshooting Commands

- Troubleshooting the configuration using CLI
- Using the `techsupport` command
- Diagnostics

Network Commands

- IPsec commands
- Troubleshooting IPsec configurations using `ikesnoop` command

IP Rules using CLI

- Introduction to IP rules
- Writing better IP rules
- Guidelines for IP rule ordering

Traffic Capture

- Using `pcapdump` to capture traffic data
- Working with `scp` to manage files

CLI Scripts

- Using variables in scripts
- Creating scripts automatically

Exam

- A web-based certification exam written separately

Clavister Ordering Information

Contact your local Clavister Sales Representative for price information and to order your Clavister Advanced CLI course. You can also contact Clavister Sales directly by sending email to sales@clavister.com.

Clavister Order Number	Course/Certification Description
CLA-TRA-CLI-001	Clavister Advanced CLI, ½ day on-site course, including course material and Clavister Certification (CLA-TRA-CLI-CERT-001)
CLA-TRA-CLI-003	Clavister Advanced CLI, ½ day on-site course, including course material and Clavister Certification (CLA-TRA-CLI-CERT-003)
CLA-TRA-CLI-006	Clavister Advanced CLI, ½ day on-site course, including course material and Clavister Certification (CLA-TRA-CLI-CERT-006)
CLA-TRA-CLI-ILO-001	Clavister Advanced CLI, ½ day ILO course, including course material and Clavister Certification (CLA-TRA-CLI-CERT-001)
CLA-TRA-CLI-ILO-003	Clavister Advanced CLI, ½ day ILO course, including course material and Clavister Certification (CLA-TRA-CLI-CERT-003)
CLA-TRA-CLI-ILO-006	Clavister Advanced CLI, ½ day ILO course, including course material and Clavister Certification (CLA-TRA-CLI-CERT-006)
CLA-TRA-CLI-CERT-001	Clavister Certification - 1 Online Certification Event
CLA-TRA-CLI-CERT-003	Clavister Certification - 3 Online Certification Events
CLA-TRA-CLI-CERT-006	Clavister Certification - 6 Online Certification Events

Contacting Clavister

If you need to get in touch with Clavister Training or have some specific questions relating to our courses, please send an email to: education@clavister.com

Course Schedules

For more information about upcoming courses, please visit: www.clavister.com/education/online_training