

Clavister Training Course

Clavister cOS Core Fundamentals

Introducing Clavister cOS Core Fundamentals 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 cOS Core Fundamentals is the first course to attend for anyone not familiar with Clavister products, both beginners and technicians with experience from other vendor's products are advised to attend. It is the prerequisite for all other Clavister training courses. It is a hands-on training course that teaches you the fundamentals on network security and how to install and configure your Clavister product.

After completing this course you will have a good understanding of basic network security, how to properly install and configure your Clavister product, and how it fits into a typical network. You will also gain good insight in the various subsystems found in your Clavister product and their purpose.

Course objectives

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

- Install and manage the Clavister product using the Clavister Web UI and CLI
- Install and configure InControl Management and Logging
- Understand the fundamental concepts of Routing, Objects and IP Rules
- Configure Traffic Management, Application Layer Gateway and UTM services
- Configure IPsec LAN-to-LAN VPN tunnel
- Configure L2TP roaming VPN tunnel
- Troubleshoot the Clavister product

Course Details

Duration:

2 days (onsite)
2 days + 2 hours pre-course preparation (online)

Available format:

On-site
Instructor-led online (ILO) course

Prerequisite:

Knowledgeable in TCP/IP, routing and firewall basics

Key Topics

- Setup a Clavister from absolute scratch
- Configure InControl to manage and receive logs from the firewall
- Authentication based internet access
- Limit bandwidth on application basis
- Configure access to, and defensive measures for, a local Web server
- LAN-to-LAN VPN tunnel to remote office
- VPN Tunnel for roaming clients

Certification

After completing the Clavister cOS Core Fundamentals course, you have the option to take the certification exam and obtain an official Clavister certificate.

Target audience

The target audience for the Clavister cOS Core Fundamentals course are network administrators responsible for integration, administration and management using Clavister products.

Course outline

The following is an outline of the Clavister cOS Core Fundamentals course.

Licensing

- How the licensing system works

Command-line interface (CLI)

- Introduction to CLI
- Basic network configuration

Clavister Web UI management

- Introduction to Clavister Web Management

DHCP

- Using Clavister products as a DHCP Server

Clavister InControl

- Management and logging using InControl

IP rules

- Understanding NAT, SAT, Allow, Forward Fast

User Authentication

- Introduction to User Authentication
- Using User Authentication with Local User Database

Application Layer Gateways (ALG)

- Anti-virus
- Web Content Filtering

Application Control

- Allow and block specific applications based on packet flow analysis

Traffic Management

- Traffic Management Basics
- Dynamic Balancing
- DMZ
- Setting up a DMZ network and why

Intrusion Detection and Prevention (IDP)

- Setting up IDP

IPsec

- Brief introduction to Internet Protocol Security (IPsec)
- Using IPsec in LAN-to-LAN scenario

L2TP

- Brief introduction to Layer 2 Tunneling Protocol (L2TP)
- Using L2TP in roaming clients scenario

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 course.

Clavister Order Number	Course/Certification Description
CLA-TRA-FUN-001 CLA-TRA-FUNILO-001	Clavister cOS Core Fundamentals, on-site course or ILO course, including course material and Clavister Certification for 1 person
CLA-TRA-FUN-003 CLA-TRA-FUNILO-003	Clavister cOS Core Fundamentals, on-site course or ILO course, including course material and Clavister Certification for 3 persons
CLA-TRA-FUN-006 CLA-TRA-FUNILO-006	Clavister cOS Core Fundamentals, on-site course or ILO course, including course material and Clavister Certification for 6 persons
CLA-TRA-FUN-CERT-001	One Clavister Certification Event
CLA-TRA-FUN-CERT-003	Three Clavister Certification Event
CLA-TRA-FUN-CERT-006	Six Clavister Certification Event

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: training@clavister.com

Course Schedules and Bookings

For information about upcoming courses and bookings, please visit:

www.clavister.com/support/training/course-schedule

About Clavister

Clavister (NASDAQ: CLAV) is a leading security provider for fixed, mobile and virtual network environments. Its award-winning solutions give enterprises, cloud service providers and telecoms operators the highest levels of protection against threats, with unmatched reliability. Clavister's performance in the security sector was recognized with the Product Quality Leadership Award from Frost & Sullivan. The company was founded in Sweden in 1997, with its solutions available globally through its network of channel partners. To learn more, visit www.clavister.com.

Where to Buy

www.clavister.com/partners

Contact

www.clavister.com/contact



CLAVISTER®

WE ARE NETWORK SECURITY

Clavister AB, Sjöгатan 6 J, SE-891 60 Örnsköldsvik, Sweden

■ Phone: +46 (0)660 29 92 00 ■ Fax: +46 (0)660 122 50 ■ Web: www.clavister.com