



# Clavister Building Corporate Networks Clavister Training Course Data Sheet

## Course Details

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

## Prerequisite

- Clavister Fundamentals Course

## Key Course Topics

- IP Rules
- Traffic Routing
- UTM Services
- High Availability
- WLAN Configuration
- LAN-to-LAN/Roaming VPN
- Route Load Balancing
- Service/Source Based Routing
- Transparent Mode/Switch Route

## Introducing Clavister Building Corporate Networks 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.

This hands-on training course gives you constructive and important insights on how to build secure corporate networks, including high availability, WLAN, LAN-to-LAN VPN and Route Load Balancing. The course expands on the knowledge gained from the Clavister Fundamentals course and gives you best practises on how to design and configure network security for corporate networks.

After completing this course you will have a good understanding how to best design, build and administrate corporate networks using Clavister Security Gateways.

## Course Objectives

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

- configure and design IP rules for the network
- configure and manage UTM service, including anti-virus, WCF, IDP and TLS/SSL
- design and configure high availability (HA) for the network
- configure WLAN, including WebAuth and how to use DHCP
- setting up LAN-to-LAN VPN and roaming VPN using L2TP, IPsec and PPTP
- configure route load balancing
- use service/source based routing using PBR
- using transparent mode/switch route

## Certification

After completing the Clavister Building Corporate Networks course, you have the option to take the certification exam and obtain an official Clavister certificate.

## Target Audience

The target audience for the Clavister Building Corporate Networks 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 Building Corporate Networks course. Note that the outline might change slightly as the course goes through revisions.

### Repetition

- Repetition and preparing the lab environment

### Log Analysis

- Configuring and interpreting logs

### IP Rules

- Configuring multiple IP rule sets and NAT pools

### HTTP Poster

- Dynamic DNS

### PING Simulation

- Using Allow rules or NAT rules

### Traffic Capture

- Working with `pcapdump` command

### DMZ

- Configuring VLAN
- Server-Load Balancing (SLB)

### HTTPS Acceleration

- Working with TLS/SSL ALG and managing certificates

### Unified Threat Management Services

- Anti-virus (AV)
- Web Content Filtering (WCF)
- Intrusion Detection and Prevention (IDP)

### High Availability

- Configuring high availability

### SNMP Monitoring

- Configuring and monitoring SNMP using CLAVISTER-MIB

### Guest WLAN

- Configuring WLAN using UserAuth authentication and DHCP

### LAN-to-LAN VPN

- Configuring LAN-to-LAN VPN using Pre-Shared Key (PSK)
- Advanced routing setup for multi-site scenarios

### Roaming VPN

- Using L2TP and IPsec

### PPTP

- Configuring the PPTP ALG and PPTP server

### Route Load Balancing

- Theory and practise

### Policy-Based Routing

- Configuring source-based and service-based routing

### Transparent Mode

- Working with switch route and proxy ARP

### 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 Building Corporate Networks course. You can also contact Clavister Sales directly by sending email to [sales@clavister.com](mailto:sales@clavister.com).

Clavister Order Number	Course/Certification Description
CLA-TRA-BCN-001	Clavister Building Corporate Networks, 1 day on-site course, including course material and Clavister Certification (CLA-TRA-BCN-CERT-001)
CLA-TRA-BCN-003	Clavister Building Corporate Networks, 1 day on-site course, including course material and Clavister Certification (CLA-TRA-BCN-CERT-003)
CLA-TRA-BCN-006	Clavister Building Corporate Networks, 1 day on-site course, including course material and Clavister Certification (CLA-TRA-BCN-CERT-006)
CLA-TRA-BCN-ILO-001	Clavister Building Corporate Networks, 1 day ILO course, plus 1 hour self-preparations, including course material and Clavister Certification (CLA-TRA-BCN-CERT-001)
CLA-TRA-BCN-ILO-003	Clavister Building Corporate Networks, 1 day ILO course, plus 1 hour self-preparations, including course material and Clavister Certification (CLA-TRA-BCN-CERT-003)
CLA-TRA-BCN-ILO-006	Clavister Building Corporate Networks, 1 day ILO course, plus 1 hour self-preparations, including course material and Clavister Certification (CLA-TRA-BCN-CERT-006)
CLA-TRA-BCN-CERT-001	Clavister Certification - 1 Online Certification Event
CLA-TRA-BCN-CERT-003	Clavister Certification - 3 Online Certification Events
CLA-TRA-BCN-CERT-006	Clavister Certification - 6 Online Certification Events

## Contacting Clavister Training

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](mailto:education@clavister.com)

## Course Schedules

For more information about upcoming courses, please visit: [www.clavister.com/education/online\\_training](http://www.clavister.com/education/online_training)