



Clavister Virtual Private Network 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

- Installation, configuration, upgrading and administration
- Using User Authentication
- Configuring VPN tunnels using all supported VPN protocols
 - IPsec, L2TP, PPTP and GRE
 - LAN-to-LAN VPN tunnel
 - VPN tunnel with certificates
 - VPN Client using Config Mode
- Troubleshooting VPN tunnels

Introducing Clavister Virtual Private Network 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 Virtual Private Network is a hands-on training course that teaches you the various Virtual Private Network (VPN) techniques available in Clavister Security Gateway.

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

Course Objectives

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

- install and configure VPN tunnels in Clavister Security Gateway
- understand the fundamental concepts of Virtual Private Networks, IPsec and IKEv1
- configure IPsec, L2TP, PPTP and GRE tunnels
- configure LAN-to-LAN VPN tunnel using pre-shared key (PSK)
- configure VPN tunnel with both self-signed certificates and CA signed certificates
- configure VPN Client using Config Mode
- troubleshoot VPN tunnels

Certification

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

Target Audience

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

Repetition

- Repetition and preparing the lab environment

User Authentication

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

Introduction to Virtual Private Network

- Introduction to Virtual Private Networks (VPN)
- Overview of the different VPNs supported by Clavister Security

IPsec

- Introduction to Internet Protocol Security (IPsec)
- Using IPsec in LAN-to-LAN scenario
- Configuring IPsec tunnel using self-signed and CA-signed certificate
- Configuring VPN Client using pre-shared key and Config Mode

PPTP & L2TP

- Introduction Point-to-Point Tunneling Protocol (PPTP)
- Introduction Layer 2 Tunneling Protocol (L2TP)
- Using PPTP and L2TP in roaming clients scenario

GRE

- Introduction to Generic Routing Encapsulation (GRE)
- Setting up GRE tunnels

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 VPN course. You can also contact Clavister Sales directly by sending email to sales@clavister.com.

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