

# Securing Cisco Networks with Open Source Snort (SSFSNORT)

ID SSFSNORT Price 3,995.— €(excl. tax) Duration 4 days

## Course Overview

The **Securing Cisco Networks with Open Source Snort (SSFSNORT)** training shows you how to deploy a network intrusion detection system based on Snort. Through a combination of expert instruction and hands-on practice, you will learn how to install, configure, operate, and manage a Snort system. You will also explore rules writing with an overview of basic options, advanced rules writing, how to configure PulledPork, and how to use OpenAppID to provide protection of your network from malware. You will learn techniques of tuning and performance monitoring, traffic flow through Snort rules, and more.

## How You'll Benefit

This training will help you:

- Learn how to implement Snort, an open-source, rule-based, intrusion detection and prevention system
- Gain leading-edge skills for high-demand responsibilities focused on security
- Earn 20 CE credits towards recertification

## Who should attend

This course is for technical professionals who need to know how to deploy open source intrusion detection systems (IDS) and intrusion prevention systems (IPS), and how to write Snort rules.

- Security administrators
- Security consultants
- Network administrators
- System engineers
- Technical support personnel
- Channel partners and resellers

## Prerequisites

There are no formal prerequisites for this training. However, the knowledge and skills you are recommended to have before

attending this training are:

- Technical understanding of transmission control protocol/internet protocol (TCP/IP) networking and network architecture
- Proficiency with Linux and UNIX text editing tools, such as vi editor

These skills can be found in the following Cisco Learning Offering:

- [Implementing and Administering Cisco Solutions \(CCNA\) v2.2](#)

## Course Objectives

- Describe Snort technology and identify the resources available for maintaining a Snort deployment
- Install and configure a Snort deployment
- Configure the command-line options for starting a Snort as a sniffer, a logger, and an intrusion detector, and create a script to start Snort automatically
- Identify and configure available Snort intrusion detection outputs
- Describe rule sources, updates, and utilities for managing rules and updates
- Detail the components of the snort.lua file and determine how to configure it for your deployment
- Configure Snort for inline operation using the inline-only features
- Configure rules for Snort using basic rule syntax
- Describe how traffic flows through Snort and how to optimize rules for better performance
- Configure advanced-rule options for Snort rules
- Configure OpenAppID features and functionality
- Tune Snort for efficient operation and profile system performance

## Detailed Course Outline

- Snort Technology Introduction
- Snort Installation
- Snort Operation Introduction
- Snort Intrusion Detection Output

- Rule Management
- Snort Configuration
- Inline Configuration and Operation
- Snort Rule Syntax and Usage
- Snort Rule Traffic Processing Flow
- Advanced Rule Options
- OpenAppID Detection Configuration
- Snort Tuning

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

## Fast Lane Services

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

## Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

## Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



**Worldwide Presence**  
with high-end training centers  
around the globe



**Multiple Awards**  
from vendors such as AWS,  
Microsoft, Cisco, Google, NetApp,  
VMware



**Experienced SMEs**  
with over 19.000 combined  
certifications

### Germany

Fast Lane Institute for Knowledge  
Transfer GmbH

Tel. +49 40 25334610

info@flane.de / www.flane.de

### Austria

ITLS GmbH

(Partner of Fast Lane)

Tel. +43 1 6000 8800

info@itls.at / www.itls.at

### Switzerland

Fast Lane Institute for Knowledge  
Transfer (Switzerland) AG

Tel. +41 44 8325080

info@flane.ch / www.flane.ch