

FortiSwitch (FORTISWITCH)

ID FORTISWITCH Price US \$ 2,610.—(excl. tax) Duration 3 days

This training is provided by our partner Fortinet.

Important notes for the booking of trainings directly provided by Fortinet

If you are unable to attend the training date you have booked (e.g. illness, etc.) or if Fortinet cancels the course, a credit note is not possible under any circumstances. In both cases of cancellation, the validity of your credit remains for 12 months after the order.

For more information, please refer to the [Fortinet Terms and Conditions](#).

Course Overview

In this interactive course, you will learn how to deploy, provision, and manage a FortiSwitch with FortiGate using FortiLink. This course also covers the deployment and troubleshooting of Layer 2 and Layer 3 features, as well as the most common FortiSwitch stack topologies, including those that leverage multichassis link aggregation group (MCLAG) for redundancy and higher performance. You will also learn about FortiSwitch in standalone mode, its unique features, and how to manage a standalone switch directly, or from FortiLAN Cloud.

This course is intended to help you prepare for the Fortinet NSE 6 - FortiSwitch 7.2 certification exam. This exam is part of the Fortinet Certified Professional - Network Security certification track.

Who should attend

Networking and security professionals involved in the management, configuration, administration, and monitoring of FortiSwitch devices used to provide secure network access to endpoints should attend this course.

Prerequisites

- Basic knowledge of networking

- An understanding of layer 2 switching
- An understanding of the topics covered in the following courses:
 - [FortiGate Security \(FORT-SECI\)](#)
 - [FortiGate Infrastructure \(FORT-SECII\)](#)

Course Objectives

After completing this course, you will be able to:

- Explore the FortiSwitch portfolio and identify the supported management modes
- Describe and deploy FortiSwitch in managed switch mode (FortiLink mode)
- Understand Ethernet switching, VLANs, link aggregation (LAG), MCLAG, and layer 2 discovery
- Identify the most common FortiSwitch topologies when deploying FortiSwitch in managed switch mode
- Understand Spanning Tree Protocol (STP), Rapid Spanning Tree protocol (RSTP), and Multiple Spanning Tree protocol (MSTP) operation and configuration, as well as other loop protection features
- Describe and configure Layer 2 security to filter unwanted traffic and perform antispoofing
- Configure layer 2 authentication using 802.1X, and leverage 802.1X to assign dynamic VLANs to endpoints
- Implement advanced features to increase port density, control network access, forward multicast traffic more effectively, and quarantine compromised devices
- Prioritize traffic on FortiSwitch by using QoS marking, queuing, and rate limiting features
- Simplify endpoint deployment by using Link Layer Discovery Protocol-Media Endpoint Discovery (LLDPMED)
- Share FortiSwitch ports across different VDOMs using multi-tenancy
- Monitor FortiSwitch using SNMP, sFlow, and flow sampling
- Describe the most useful troubleshooting tools available on FortiSwitch

Detailed Course Outline

- Managed Switch
- Switch Fundamentals
- Layer 2 Design



- Layer 2 Security
- Advanced Features
- Monitoring
- Standalone Switch
- Troubleshooting

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

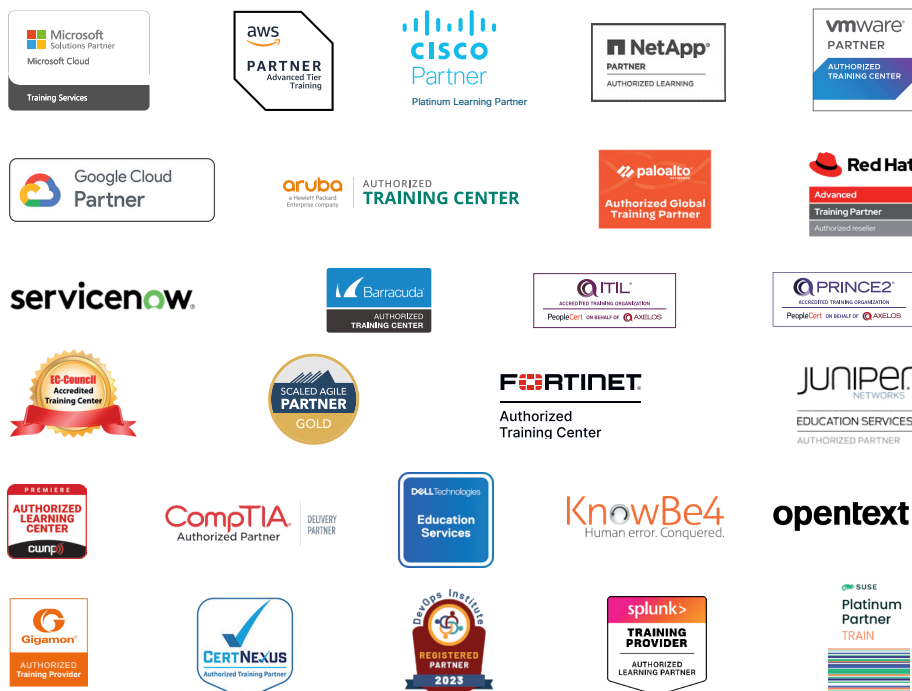
- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

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