EMENTA DO CURSO

FortiSwitch Administrator v7.6

Código: **EDU-FTN-FORTISWITCH** Categoria: **Fortinet**

InLearn

PÚBLICO

This course is intended for networking and security professionals involved in the management, configuration, administration, and monitoring of FortiSwitch devices used to provide secure network access to endpoints.

PRÉ-REQUISITOS

Basic knowledge in networking
Understanding of layer 2 switching
Understanding of the topics covered in the following courses:

FCP - FortiGate Security
FCP - FortiGate Infrastructure

VISÃO

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.

CONTEÚDO

1. Managed Switch
2. Switch Fundamentals
3. Layer 2 Design
4. Layer 2 Security
5. Advanced Features
6. Monitoring
7. Standalone Switch
8. Troubleshooting

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 groups (LAG), multichassis link aggregation groups (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 802.1.X, 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
Simplify endpoint deployment by using Link Layer Discovery Protocol-Media Endpoint Discovery (LLDP-MED)
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

Próximas turmas

21/12/2026

Carga horária	24 horas
Modalidade	Online
Horário	09:00 às 18:00

Prevista

20/01/2027

Carga horária	24 horas
Modalidade	Online
Horário	09:00 às 18:00

Prevista

17/03/2027

Carga horária	24 horas
Modalidade	Online
Horário	09:00 às 18:00

Prevista

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