

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 802.1X, 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

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

09/11/2026

Carga horária 24 horas

Modalidade Online

Horário 09:00 às 18:00

Prevista

25/11/2026

Carga horária 24 horas

Modalidade Online

Horário 09:00 às 18:00

Prevista

21/12/2026

Carga horária 24 horas

Modalidade Online

Horário 09:00 às 18:00

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