Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Fortinet FortiSwitch

CODE:	LÄNGE:	PREIS:
FNT_FT-FSW	24 Hours (3 Tage)	€2,900.00

Description

In this 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 FortiSwitch Cloud.

Lernziel

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 802.1.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
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 (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

Zielgruppe

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.

Voraussetzungen

Basic knowledge in networking
Understanding of layer 2 switching
Understanding of the topics covered in the following courses:
NSE 4 FortiGate Security
NSE 4 FortiGate Infrastructure
System Requirements
If you take the online format of this class, you must use a computer that has the following:
A high-speed Internet connection
An up-to-date web browser
A PDF viewer
Speakers or headphones
One of the following:
HTML 5 support;
An up-to-date Java Runtime Environment (JRE) with the Java Plugin enabled in your web browser
You should use a wired Ethernet connection, not a Wi-Fi connection. Firewalls, including Windows Firewall or FortiClient, must

allow connections to the online labs.

Inhalt

Managed Switch
Switch Fundamentals
Layer 2 Design
Layer 2 Security
Advanced Features
Monitoring
Standalone Switch
Troubleshooting

Kurstermine

Auf Anfrage. Bitte kontaktieren Sie uns

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.