

# APJF

## Attack Prevention with Juniper Networks Firewalls

ScreenOS offers functions which by far exceed dynamic packet filtering. Under the key term "Deep Packet Inspection", Juniper Firewalls scrutinize packets to detect and prevent attacks in good time. This course employs hands-on exercises to introduce the participants into the corresponding procedures.

### Course Contents

- A Short Review of ScreenOS
- SCREEN
- Anti-Virus
- Deep Inspection
- URL Filtering
- Anti-Spam and Anti-Phishing
- Anti-Spyware

Detailed Table of Content

In this course, each participant will receive the original Juniper Networks course documentation in English language.

### Target Group

Technicians and administrators who wish to use the functions of Juniper Firewalls as application layer gateway should visit this course.

### Knowledge Prerequisites

Good know-how of the handling of ScreenOS is a prerequisite. It is therefore necessary to visit the CJFV-Configuring Juniper Networks Firewall/IPSec VPN Products course prior to attending the course at hand. Moreover, knowledge of methods of attack will be helpful.



### Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On [www.experteach-training.com](http://www.experteach-training.com) under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



**1 day** €890 exclusive of V.A.T.

#### Course date (mm/dd/yy)/Location

02/22-02/22/12	Frankfurt	09/05-09/05/12	Frankfurt
03/21-03/21/12	München	10/24-10/24/12	Berlin
04/18-04/18/12	Berlin	10/24-10/24/12	Hamburg
04/18-04/18/12	Hamburg	11/07-11/07/12	München
05/23-05/23/12	Frankfurt	11/28-11/28/12	Frankfurt
06/20-06/20/12	München	01/09-01/09/13	Düsseldorf
07/11-07/11/12	Düsseldorf	02/06-02/06/13	Frankfurt
08/08-08/08/12	München	03/06-03/06/13	München

Up-to-date information: [www.experteach-training.com](http://www.experteach-training.com) APJF



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Day One:

**Introduction**

**ScreenOS Review**

- Review ScreenOS configuration for:
- L3 connectivity, including static routing
- Basic policy
- Review troubleshooting commands

**SCREEN**

- Discuss various types of attacks SCREEN can detect/prevent
- Reconnaissance
- Denial of Service
- Suspicious packet attributes
- Configure zone-based SCREEN to block attacks
- Verify operations

**Deep Inspection**

- Discuss the Deep Inspection feature and its applications
- Discuss ongoing logging and monitoring
- Configure the attack database
- Configure deep inspection in a policy
- Verify operations

**Anti-Virus**

- Discuss anti-virus options available in ScreenOS
- Configure anti-virus scanning using Kaspersky AV
- Verify operations

**Web Filtering**

- Explain Web filtering options
- Integrated Web filtering
- Redirect Web filtering
- Configure Web filtering
- Verify operations

**Anti-Spam Filtering**

- Configure anti-spam scanning
- Verify feature operations



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