

# Blue Coat Certified Proxy Administrator

Modern firewalls and intrusion detection systems are able to protect the own network against attacks from outside very well. They have not been designed, however, to prevent dangers caused by user errors and faulty operations. This is where the ProxySG series of Blue Coat Systems comes into play. With the SGOS 4, the appliances work as high-quality proxies, permitting the monitoring, filtering, and logging of the user traffic. They examine the HTTP traffic with regard to faulty or harmful contents which will not be detected by a normal firewall. The course at hand gives an introduction to the installation and configuration of the devices on the basis of the SGOS 4 software and prepares for the certification as BCCPA.

## Course Contents

- Blue Coat Products
  - Proxy Deployments
  - Initial Setup, Serial Console
  - Licensing and Upgrades
  - Management Console (GUI)
  - Policy and Visual Policy Manager (VPM)
  - Authentication (NTLM/LDAP)
  - URL Filtering
  - Blocking of Downloads and Peer-to-Peer
  - Instant Messaging
  - Access Logging and Blue Coat Reporter
  - Proxy AV and Virus Scanning
  - Services and Support
- Detailed Table of Content

The course documentation of Blue Coat Systems in English language will be used.

## Target Group

Technicians and administrators responsible for the installation, configuration, and operation of the Proxy SG4 of Blue Coat Systems will acquire the necessary basic know-how in this course to perform their tasks successfully.

## Knowledge Prerequisites

Participants should be familiar with the fields LAN, Internet, and security and should have a deeper know-how of the IP protocol family. In addition, basic knowledge of authentication methods will be helpful.

## Course Objectives

After the course, the participants will be able to install a ProxySG in the network and to independently implement simple policies.



## 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.expertech-training.com](http://www.expertech-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!



2 days €1,750 exclusive of V.A.T.

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

02/20-02/21/12	Frankfurt	09/10-09/11/12	Düsseldorf
03/19-03/20/12	Düsseldorf	10/08-10/09/12	München
04/23-04/24/12	München	10/08-10/09/12	Wien
04/23-04/24/12	Wien	11/05-11/06/12	Frankfurt
05/21-05/22/12	Frankfurt	12/03-12/04/12	Berlin
06/11-06/12/12	Berlin	12/03-12/04/12	Hamburg
06/11-06/12/12	Hamburg	01/14-01/15/13	München
07/09-07/10/12	München	02/11-02/12/13	Frankfurt
08/13-08/14/12	Frankfurt		

Up-to-date information: [www.expertech-training.com](http://www.expertech-training.com) BLU1



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**HTTP Protocol**

Overview  
Request Methods  
Response Codes

**Proxy Server**

ProxySG vs. Firewall  
ProxySG Product Family

**ProxySG 200****ProxySG Deployment**

Explicit Deployment  
Transparent Deployment  
Edge Deployment

**ProxySG Initial Setup**

Physical Install  
Setup  
License

**Management Console****Visual Policy Manager**

Overview

**Authentication Introduction**

ProxySG Security  
ProxySG Authentication

**Authentication Realms**

NTLM  
LDAP  
Local  
Sequences

**Policy Management**

Policy Translation  
VPM Objects  
VPM Layers and Rules  
Default Policy

**URL Filtering**

Overview

**Blocking Downloads**

Overview  
Dynamic Categorization  
Blue Coat Web Filter

**Managing Instant Messaging**

Overview

IM Reflection

**Blocking Peer-to-Peer****Notify User Policy****Access Logging****Blue Coat Reporter****Reverse Proxy**

Overview

**ProxyAV**

Virus Scanning  
ICAP Fundamentals

**Services and Support****ExperTeach Gesellschaft für Netzwerkkompetenz mbH**

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