Check Point Deployment Administrator R82
CPDA

This course provides you with the fundamental knowledge, skills, and hands-on experience necessary to set up a new Quantum security environment. You will learn how to install SmartConsole, the GAIA operating system, a Security Management Server, and a Security Gateway, and perform basic configuration.

In addition, the course shows you how to create a basic policy, set up a Security Gateway cluster, configure a Dedicated Log Server, perform maintenance tasks such as system backups and snapshots, and perform batch imports of objects and rules.

This course focuses on the deployment of GAIA systems. Without any prior knowledge, you will learn all the necessary steps from scratch and can use this knowledge directly to set up a lab environment – with 15 days of unlimited use after each new installation.

Course Contents
• Introduction to Quantum Security
• Quantum Security Architecture
• Primary Security Management Server Deployment
• Security Gateway Deployment
• Policy Fundamentals
• Security Gateway Cluster Deployment
• Dedicated Log Server Deployment
• Maintenance Fundamentals
• Batch Import of Security Environment Components

E-Book You will receive the original documentation as a Check Point e-Kit.

Target Group
• Deployment Administrators
• Security Administrators
• Security Consultants

Prerequisites
Base Knowledge:

• Unix-like and/or Windows OS
• Internet Fundamentals
• Networking Fundamentals
• Networking Security
• System Administration
• TCP/IP Networking
• Text Editors in Unix-like OS

Course Target
The course teaches you the skills needed to plan, install, and configure Check Point security solutions. You will learn how to implement security policies, integrate them into existing network infrastructures, and perform basic troubleshooting measures. The aim is to ensure a stable and secure network environment.

This Course in the Web
You can find the up-to-date information and options for ordering under the following link:
www.experteach-training.com/go/**CPDA**

Reservation
On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates
To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!
We can precisely customize this course to your project and the corresponding requirements.

Training		Prices, excl. of V.A.T.
Classes in Germany	**2 Days**	**€ 1,995**
Online Training	**2 Days**	**€ 1,995**
Date/course venue	Course language German	

12/01-13/01/26	Frankfurt	16/03-17/03/26	Online
12/01-13/01/26	Online	28/05-29/05/26	Frankfurt
16/03-17/03/26	Frankfurt	28/05-29/05/26	Online

ExperTeach

Table of Contents
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Module 1: Introduction to Quantum Security
Identify the primary components of a Check Point Three-Tier Architecture and explain how they work together in the Check Point environment.

Module 2: Quantum Security Architecture
Identify key considerations when planning a new Quantum Security deployment.
Lab Tasks
Verify the Check Point Hosts
Document the Network Environment
Verify the A-GUI Client Host

Module 3: Primary Security Management Server Deployment
Identify the basic workflow, guidelines, and best practices for a Primary Security Management Server deployment.
Lab Tasks
Install the Gaia Operating System
Configure the Primary Security Management Server
Deploy SmartConsole

Module 4: Security Gateway Deployment
Identify the basic workflow, guidelines, and best practices for a Security Gateway deployment.
Lab Tasks
Run the First Time Wizard on the Security Gateway
Create a Security Gateway Object
Test SIC and Install Licenses

Module 5: Policy Fundamentals
Describe the essential elements of a Security Policy.
Identify features and capabilities that enhance the configuration and management of the Security Policy.
Lab Tasks
Create an Access Control Policy Package
Add and Modify a Rule in the Access Control Policy

Module 6: Security Gateway Cluster Deployment
Identify the basic workflow, guidelines, and best practices for a Security Gateway Custer deployment.
Lab Tasks
Reconfigure the Security Environment
Configure Cluster Members as Security Gateways
Configure Cluster Member Interfaces

Add Members to the Clusters
Add Licenses to the Cluster Members

Module 7: Dedicated Log Server Deployment
Identify the basic workflow, guidelines, and best practices for a dedicated Log Server deployment.
Lab Tasks
Configure a dedicated Log Server
Add a dedicated Log Server

Module 8: Maintenance Fundamentals
Explain the purpose of a regular maintenance strategy.
Identify the basic workflow, guidelines, and best practices for Backup/Restore, Snapshot Management, Load/Save Configuration, Hardware Health Monitoring, and Software Updates.
Lab Tasks
Collect and Download System Backups
Collect and Download Snapshots

Module 9: Batch Import of Security Environment Components
Describe purpose of a batch import and give import use cases.
Identify the basic workflow, guidelines, and best practices for a batch import.
Lab Tasks
Import and Create Host Objects
Import and Create Network Objects
Import and Create Group Objects
Import and Create Access Control Rules