



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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Kronborgsgränd 7, 164 46 Kista

Email: [edu.ecs.se@arrow.com](mailto:edu.ecs.se@arrow.com)

Phone: +46 8 555 188 00



# Check Point Deployment Administrator (CPDA) R82 - NOW AVAILABLE!

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
CKT_CPDA_R82	16 Hours (2 days)	Request Price

## Description

This course provides students with the fundamental knowledge, skills, and hands-on experience needed to deploy a new Quantum Security Environment. Students learn how to install and perform basic configuration of SmartConsole, the Gaia Operating System, a Security Management Server, and a Security Gateway. Additionally, students learn how to create a basic policy, deploy a Security Gateway Cluster, configure a Dedicated Log Server, perform maintenance tasks including System Backups and Snapshots and batch import Objects and Rules.

## Audience

- 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

### Check Point Courses

- No prerequisite courses

## Programme

### 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 Cluster 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

### **Session Dates**

På begäran, [kontakta oss](#)

### **Ytterligare information**

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)