Check Point Deployment Administrator

Course code: CPDA

This course provides students with the fundamental knowledge, skills, and hands-on experience required to deploy a new Quantum Security environment. Students will learn how to install and perform basic configuration of the SmartConsole tool, the Gaia operating system, the Security Management Server, and the Security Gateway.They will also learn how to create a basic security policy, deploy a Security Gateway cluster, configure a dedicated log server, perform system maintenance including backups and system snapshots, and bulk import objects and rules.

Affiliate	Duration	Course price	ITB
Praha	2	25 500 Kč	0
Brno	2	25 500 Kč	0
Bratislava	2	1 100 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
09.03.2027	2	25 500 Kč	Online	CZ/SK	Arrow ECS - Online
12.10.2027	2	25 500 Kč	Online	CZ/SK	Arrow ECS - Online

The prices are without VAT.

Who is the course for

- Deployment Administrators
- Security Administrators
- Security Consultants

What we teach you

How to create a basic security policy, deploy a Security Gateway cluster, configure a dedicated log server, perform system maintenance including backups and system snapshots, and bulk import objects and rules.

Required skills

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

Course outline

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.

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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

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- Import and Create Host Objects
- Import and Create Network Objects
- Import and Create Group Objects
- Import and Create Access Control Rules

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