

# Check Point Deployment Administrator

Kód kurzu: CPDA

Tento kurz poskytuje studentům základní znalosti, dovednosti a praktické zkušenosti potřebné k nasazení nového prostředí Quantum Security. Studenti se naučí, jak nainstalovat a provést základní konfiguraci nástroje SmartConsole, operačního systému Gaia, serveru pro správu zabezpečení (Security Management Server) a bezpečnostní brány (Security Gateway). Dále se naučí, jak vytvořit základní bezpečnostní politiku, nasadit cluster bezpečnostních bran, nakonfigurovat dedikovaný logovací server, provádět údržbu systému včetně záloh a snímků systému (Snapshots) a hromadně importovat objekty a pravidla.

| Pobočka    | Dní | Katalógová cena | ITB |
|------------|-----|-----------------|-----|
| Praha      | 2   | 25 500 Kč       | 0   |
| Brno       | 2   | 25 500 Kč       | 0   |
| Bratislava | 2   | 1 100 €         | 0   |

Všetky ceny sú uvedené bez DPH.

## Termíny kurzu

| Dátum | Dní | Cena kurzu | Typ výučby | Jazyk výučby | Lokalita |
|-------|-----|------------|------------|--------------|----------|
|-------|-----|------------|------------|--------------|----------|

Všetky ceny sú uvedené bez DPH.

### Pre koho je kurz určený

- Deployment Administrators
- Security Administrators
- Security Consultants

### Čo Vás naučíme

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.

### Požadované vstupné znalosti

#### 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

### Osnova kurzu

#### 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

**GOPAS Praha**  
Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Brno**  
Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

**GOPAS Bratislava**  
Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved

# Check Point Deployment Administrator

- 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

#### GOPAS Praha

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved

# Check Point Deployment Administrator

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

## **GOPAS Praha**

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

## **GOPAS Brno**

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

## **GOPAS Bratislava**

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved