Check Point Deployment Administrator (CPDA) R82

: 2 : CPDA : R82 : Virtual Learning

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Learn to deploy, manage, and maintain Check Point Quantum Security environments using industry best practices and hands-on configuration techniques.

This course provides students with the fundamental knowledge, skills, and hands-on experience needed to deploy a new Quantum Security Environment.

Updated Oct. 2026

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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This course is recommended for Security Administrators, Security Consultants, Deployment Administrators, and Operators

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- **When you complete this course, you will be able to:**
- Install and perform basic configuration of SmartConsole, the Gaia Operating System, a Security Management Server, and a Security Gateway
- Create a basic policy.
- Deploy a Security Gateway Cluster
- Configure a Dedicated Log Server
- Perform maintenance tasks including System Backups and Snapshots
- Batch import Objects and Rules.

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Candidates should have a basic understanding of networking concepts, TCP/IP, and security administration. Familiarity with operating systems, firewall technologies, and general IT infrastructure is recommended to successfully deploy and manage a Check Point Quantum Security environment.

None

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None

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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 for Module 2:

- 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 for Module 3:

- 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 for Module 4:

- 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 for Module 5:

- 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 for Module 6:

- 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 for Module 7:

- 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 for Module 8:

- 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 for Module 9:

- 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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