

# Check Point Certified Automation Specialist (CCAS)

**Course Duration : 24 Hours**

**Course code : CCAS-R81.x**

## 1. Course Overview

The **Check Point Certified Automation Specialist (CCAS)** course focuses on automating Check Point security operations using APIs, scripts, and automation tools. This course helps security teams reduce manual work, improve accuracy, and manage large-scale Check Point environments efficiently.

## 2. What you'll learn?

- Introduction to Check Point automation
- Check Point APIs and automation tools
- Automating security policy management
- Automation for gateways and management
- Basic scripting concepts
- Best practices for automation

## 3. Target Audience

- Check Point security engineers
- Network and firewall administrators
- DevOps and SecOps professionals
- Security automation engineers
- IT security professionals

## 4. Pre-Requisites

- Knowledge of Check Point CCSA or CCSE
- Basic understanding of networking and security
- Familiarity with scripting concepts is helpful

## 5. Course Content (Modules)

### **Module 1: Introduction to Check Point Automation**

- Automation overview
- Use cases and benefits

### **Module 2: Check Point APIs and Tools**

- API architecture
- Management APIs

### **Module 3: Automating Security Policies**

- Policy creation and updates
- Rule management

### **Module 4: Gateway and Management Automation**

- Gateway automation
- Management tasks

### **Module 5: Automation Best Practices and Use Cases**

- Real-world scenarios
- Automation design guidelines