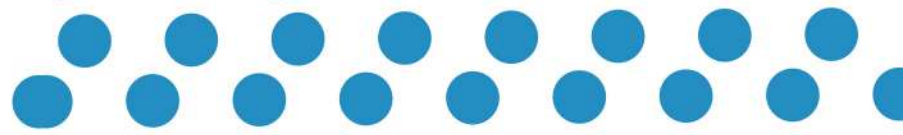# Check Point Certified Security Administrator (CCSA)

Online Course

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Check Point Certified Security Administrator (CCSA)

Course Modules

1. **OBJECTIVES**
   - Primary components of a Check Point Three-Tier Architecture
   - Explain how communication is secured and how traffic is routed
   - Describe the basic functions of the Gaia operating system.
   - Basic workflow to install Secrty Mngmnt Server & Secrty Gateway
   - Smart Console objects that corrspnd to the organzatn's topology
   - Tools available to manage Check Point licenses and contracts
   - Features & capabilities that enhance the config and management
   - Explain how policy layers affect traffic inspection.
   - Articulate how Network Address Translation affects traffic.
   - Describe how to config manual & automatic Network Address.
   - Demonstrate an understanding of App Control & URL Filtering
   - Articulate how pre-shared keys and certificates can be configured
   - Describe how to analyze and interpret VPN tunnel traffic.
   - Configure logging parameters.
   - Use predefined and custom queries to filter log results.
   - Monitor the health of supported Check Point hardware
   - Describe the different methods for backing up Check Point systm

2. EXERCISES

- Deploying Smart Console
- Installing a Security Management Server
- Installing a Security Gateway
- Configuring Objects in SmartConsole
- Establishing Secure Internal Communication
- Managing Administrator Access
- Managing Licenses
- Creating a Security Policy
- Configuring Order Layers
- Configuring a Shared Inline Layer
- Configuring NAT
- Integrating Security with a Unified Policy
- Elevating Security with Autonomous Threat Prevention
- Configuring a Locally Managed Site-to-Site VPN
- Elevating Traffic View
- Monitoring System States
- Maintaining the Security Environment

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in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.

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For contact:+91 8680961847
+91 9600579474