



CHECK POINT **CERTIFIED SECURITY EXPERT (CCSE)**

OBJECTIVES

- Articulate Gaia system management procedures.
- Explain how to perform database migration procedures.
- Articulate the purpose and function of Management High Availability.
- Describe how to use Check Point API tools to perform management functions.
- Articulate an understanding of Security Gateway cluster upgrade methods.
- Discuss the process of Stateful Traffic inspection.
- Articulate an understanding of the Check Point Firewall processes and debug procedures.
- Describe advanced ClusterXL functions and deployment options.
- Explain how the SecureXL acceleration technology enhances and optimizes Security Gateway performance.
- Describe how the CoreXL acceleration technology enhances and improves Security Gateway performance.
- Articulate how utilizing multiple traffic queues can make traffic handling more efficient.
- Describe different Check Point Threat Prevention solutions for network attacks.
- Explain how SandBlast, Threat Emulation, and Threat Extraction help to prevent security incidents.
- Recognize alternative Check Point Site-to-Site deployment options.
- Recognize Check Point Remote Access solutions and how they differ from each other.
- Describe Mobile Access deployment options.

EXERCISES

- Perform an upgrade of a Security Management server in a distributed environment.
- Use the migrate_export command to prepare to migrate a Security Management Server.
- Deploy a Secondary Management Server.
- Demonstrate how to define new network and group objects using the Check Point API.
- Perform an upgrade of Security Gateways in a clustered environment.
- Use Kernel table commands to evaluate the condition of a Security Gateway.
- Use common commands to evaluate the condition of a Security Gateway.
- Configure Virtual MAC.
- Demonstrate how SecureXL affects traffic flow.
- Describe how the CoreXL acceleration technology enhances and improves Security Gateway performance.
- Demonstrate how to monitor and adjust interface traffic queues.
- Identify specific threat protections used by Check Point Threat Prevention.
- Demonstrate how to enable Mobile Access for remote users.

TOPICS

- Management Maintenance**
- Management Migration**
- Management**
- High Availability**
- Policy Automation**
- Gateway Maintenance**
- The Firewall Kernel**
- User-Mode Processes**
- ClusterXL**
- Traffic Acceleration**
- Core Acceleration**
- Interface Acceleration**
- Threat Prevention**
- Threat Emulation**
- Advanced Site-to-Site VPN**
- Remote Access VPN**
- Mobile Access**