Check Point Security Expert

Master the skills to troubleshoot and maximize the performance of Check Point Software Blade technology

Check Point Security Expert is a five-day instructor-led hands-on course, delivering the advanced concepts and skills to optimize the R71 Check Point Software Blade architecture. This course is designed to help maximize the performance of your Check Point security deployment with real-world scenarios including advanced routing, load balancing and high availability. During the course you will set up multiple security gateway clusters, analyze network intrusion alerts and generate advanced network traffic reports.

WHO SHOULD ATTEND?

Technical persons who support, install, deploy or administer Check Point Software Blades should attend this course. This could include the following:
- Systems Administrators, System Engineers, Security Managers and Network Managers
- Technical support personnel
- Channel Partners who want channel program benefits
- Check Point Certified Security Administrators (CCSA) who want to achieve advanced certification

PREREQUISITES

Persons attending this course should have Check Point Security Administrator training or certification and a working knowledge of networking concepts, Windows Server and/or UNIX, and experience with TCP/IP and the Internet.

COURSE TOPICS
- R71 Management Portal
- Advanced Networking QoS
- IPS R71
- DLP R71
- SmartEvent R71
- SmartReporter R71
- SmartWorkflow R71
- SmartProvisioning R71
- SSL VPN R71
- Acceleration
- High Availability and clustering
- Advanced networking and routing
- Load balancing
- Troubleshooting and debugging

COURSE OBJECTIVES INCLUDE
- Configure Administrative access to the Security Management server
- Process a change request based on an organization's infrastructure
- Implement Provisioning
- Modify remote gateways properties
- Configure applications for SSL VPN remote access
- Verify traffic is enhanced using SecureXL™
- Deploy New Mode HA
- Configure ClusterXL® in a corporate network
- Configure VPN in a clustered environment
- Configure and test VPN Tunnel Interfaces (VTIs)
- Configure and test Load Sharing Unicast and Multicast modes
- Setup and verify a QoS configuration
- Implement customized profiles to designated Gateways
- Manage profiles related to IPS rules
- Configure DLP Data Types
- Monitor and adjust DLP Policies
- Modify the IPS Policy to improve system bandwidth and protections

LAB EXERCISES INCLUDE
- Build the management server and gateways and establish SIC
- Create a new Administrator
- Configure SmartWorkflow
- Install user databases and policies
- Enable SmartProvisioning
- Modify and push policy to gateways
- Install and enable SSL VPN in SmartDashboard™
- Configure global properties
- Enable and configure SecureXL on the gateway and open connections
- Configure ClusterXL properties
- Modify the Rule Base
- Pass traffic through clusters
- View FTP connections with and without sticky decision
- Create Check Point QoS rules, install and test the policy
- Create a new IPS profile
- Generate and analyze an attack
- Install and configure the Data Loss Prevention software blade

CERTIFICATION INFORMATION

This course helps prepare for CCSE R71 exam # 156-315.71 available at VUE test centers. It contains 90 multiple-choice, scenario-based questions. A passing score is 70% or higher in 120 minutes. The exam is based on 80% course materials and 20% hands-on experience with Check Point products. Students should have at least 6 months experience before challenging it.

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