

DEFINE. DESIGN. DELIVER.

# CHECK POINT TROUBLESHOOTING ADMINISTRATOR (CCTA)



COURSE PREPARES  
FOR EXAM:

#156-580



## WHO SHOULD ATTEND?

This course is designed for security administrators and Check Point resellers who need to manage and monitor issues that may occur within their Security Management environment.



## COURSE GOAL

Provide an understanding of the concepts and skills necessary to troubleshoot issues which may occur when managing the Check Point Security Management architecture and Security Gateways.



## COURSE PREREQUISITES

- Working knowledge of UNIX and/or Windows operating systems
- Working knowledge of Networking TCP/IP
- CCSA training/certification
- Advanced knowledge of Check Point Security products

## Course Topics

- An Introduction to Troubleshooting Fundamentals
- Fundamentals of Traffic Monitoring
- SmartConsole and Policy Management Troubleshooting
- Troubleshooting Issues with NAT
- Access Control Troubleshooting
- Identity Awareness Troubleshooting
- Understanding Threat Prevention
- License and Contract Troubleshooting

## Course Objectives

- Identify online resources for Check Point security products and solutions.
- Demonstrate understanding of capture packet technologies.
- Demonstrate understanding of Firewall chain modules, Kernel and User Mode, and Kernel and User Space.
- Use Linux and Check Point utilities to review processes and system information.
- Troubleshoot log collection issues and interrupted communications.
- Monitor network activity and traffic flow.
- Demonstrate understanding of Check Point SmartConsole and Policy installation.
- Investigate and troubleshoot issues with Check Point SmartConsole and Policy installation.
- Demonstrate understanding of Check Point Identity Awareness.

- Investigate and troubleshoot issues with Check Point Identity Awareness.
- Demonstrate understanding of Check Point Application Control and URL Filtering.
- Investigate and troubleshoot issues with Check Point Application Control and URL Filtering.
- Demonstrate understanding of Check Point Network Address Translation.
- Investigate and troubleshoot issues with Check Point Network Address Translation.
- Demonstrate understanding of Check Point Threat Prevention.
- Investigate and troubleshoot issues with Check Point Threat Prevention.
- Demonstrate understanding of Check Point licenses and contracts.
- Investigate and troubleshoot Check Point licenses and contracts.

## Lab Exercises

- Using tcpdump and Wireshark
- Viewing Firewall Chain Modules
- Using Basic Linux and Check Point Commands
- Troubleshooting Logging Communication Issues
- Analyzing Traffic Captures
- Troubleshooting SmartConsole and Using SmartConsole Tools
- Troubleshooting Identity Awareness
- Troubleshooting Application Control and URL Filtering
- Investigating Network Address Translation Issues
- Evaluating Advanced Threat Prevention Products
- Verifying Licenses



PenteseC are an Authorised Training Centre for Check Point. To find out more, contact us today:

**Call** 0845 519 1337 or **Email** [sales@penteseC.com](mailto:sales@penteseC.com)