CHECK POINT

CHECK POINT
CERTIFIED TROUBLESHOOTING EXPERT
(CCTE)

CHECK POINT
Troubleshooting Expert
CCTE
ACCREDITATION

AUDIENCE
This course is designed for security experts and Check Point resellers who desire to obtain the necessary knowledge required to perform more advanced troubleshooting skills while managing their security environments.

GOALS
Provide advanced troubleshooting skills to investigate and resolve more complex issues that may occur while managing your Check Point Security environment.

PREREQUISITES
Working knowledge of UNIX and/or Windows operating systems, Working knowledge of Networking, TCP/IP, CCSE training/certification, Advanced knowledge of Check Point Security Products.

TOPICS

Introduction to Advanced Troubleshooting	Advanced Management Server Troubleshooting	Advanced Troubleshooting with Logs and Events
Advanced Gateway Troubleshooting	Advanced Firewall Kernel Debugging	Advanced Access Control Troubleshooting
Advanced Identity Awareness Troubleshooting	Advanced Site-to-Site VPN Troubleshooting	Advanced Client-to-Site VPN Troubleshooting

OBJECTIVES

- Identify and use Linux-based and Check Point commands and tools for system monitoring, file editing, and file viewing.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Management Server and API Server issues.
- Investigate and troubleshoot traffic or security-related issues using logs and events monitoring tools.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Security Gateway issues.
- Demonstrate an understanding of advanced troubleshooting tools and techniques for kernel debugging.

- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Access Control issues.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Identity Awareness issues.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Site-to-Site VPN Troubleshooting issues.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Client-to-Site VPN Troubleshooting issues.

EXERCISES

- Collect and read live and historical CPView data.
- Troubleshoot CPM and SmartConsole login issues.
- Restore a Management High Availability environment from a temporary Primary Down condition.
- Troubleshoot SmartLog processes.
- Collect and interpret user mode debugs.

- Collect and interpret kernel debugs.
- Debug Unified Policy Inspection in kernel to understand match process.
- Debug the Identity Awareness user mode processes.
- Collect and interpret Site-to-Site VPN Debugs.
- Collect and interpret Remote Access VPN Debugs.

CERTIFICATION INFORMATION

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Prepare for exam #156-587 at VUE **VUE.com/checkpoint**

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