CCTE - Troubleshooting Expert R81.10 (CCTE)

Check Point - Check Point - Cyber Security

Durata:	Lingue:	Certificazione:
2 Giorni	**Italiano**	**-**

Descrizione del corso

The Certified Troubleshooting Expert (CCTE) course is designed for security experts and Check Point resellers who want to acquire the necessary knowledge to perform advanced troubleshooting analyses in their management of Check Point security environments. Participants will develop advanced troubleshooting skills, enabling them to investigate and resolve the most complex issues that can arise in managing a Check Point security environment.
The course includes theoretical aspects as well as practical exercises, ensuring a comprehensive learning experience.

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.

OBJECTIVES
• Demonstrate understanding how to use advanced troubleshooting tools and techniques including: Interpreting diagnostic data with CPInfo, Collecting and reading statistical data using CPView, and
Advanced troubleshooting risks.
• Describe the use of Logs and SmartEvent in troubleshooting.
• Describe the log indexing system and issues that can occur.
• Discuss methods to troubleshoot log indexing in SmartLog and SmartEvent.
• Explain the databases used in Security Management operations.
• Identify common troubleshooting database issues.
• Discuss Management Processes.
• Demonstrate understanding of advance troubleshooting tools and techniques including: How the kernel handles traffic, How to troubleshoot issues using chain modules, How to use the two main
procedures for debugging the Firewall kernel, and How the two main procedures for debugging the Firewall kernel differ.
• Demonstrate understanding of user mode debugging, including collecting and interpreting process debugs.
• Debug user mode processes.
• Discuss advanced Identity awareness troubleshooting.
• Learn to run debugs on Identity Awareness.
• Explain Unifed Access Control flow and processes.
• Explain Access Control kernel debugs.
• Describe Access Control process debugs.
• Explain basic and advanced Site-to-Site VPN troubleshooting tools and techniques, including: Packet captures, IKE debugs, and VPN process debugs.
• Explain Client-to-Site VPN troubleshooting tools and techniques, including: Remote access troubleshooting and Mobile access troubleshooting.

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