

DEFINE. DESIGN. DELIVER.

# CHECK POINT CERTIFIED VSX SPECIALIST (CCVS) R80



COURSE PREPARES  
FOR EXAM:



## WHO SHOULD ATTEND?

Technical professionals who need to install, configure, and manage Virtual Security Extension (VSX) solutions within their network security environment



## COURSE GOAL

Provide a comprehensive understanding of the Check Point VSX solution and describe how to deploy it within the corporate network environment



## COURSE PREREQUISITES

- Check Point CCSA and CCSE Certification



## Course Topics

- VSX Overview
- Virtual System Installation and Configuration
- VSX Clustering
- Advanced VSX Features
- Troubleshooting VSX

## Course Objectives

- Explain the benefits of virtual network security.
- Understand the basic functions, components, and advantages of VSX technology.
- Examine the VSX management infrastructure and understand how traffic flows within a VSX network.
- Discuss options for deploying VSX technology within various types of organizations.
- Understand how to install and configure VSX Gateways and Virtual Systems.
- Describe different routing schemes and features that are available to use within the VSX environment.
- Understand how to deploy additional VSX networking configurations that may be required in the environment.
- Understand the differences between deploying physical Security Gateway Clusters and VSX Gateway Clusters.
- Understand how Virtual System Load Sharing works to enhance VSX network performance.
- Understand how to use the VSX Provisioning Tool to add and remove virtual devices.

- Recall how CoreXL technology enhances Security Gateway performance and recognize how to use the technology in a VSX environment.
- Understand how to employ tools for optimizing resources allocated in a VSX environment.
- Identify various VSX command line tools commonly used to retrieve information and perform configuration changes.
- Understand how to use VSX utility commands to perform various maintenance tasks for the VSX environment.
- Understand how to troubleshoot and debug issues that may occur in a VSX environment.

## Lab Exercises

- Configuring the VSX Environment
- Deploying a Virtual System with a Physical Interface
- Deploying a VS with Bonded VLAN Interfaces
- Configuring Virtual System HA
- Converting VSX High Availability to Virtual System Load Sharing
- Maintaining the VSX Environment
- Using the CLI to Manage VSX
- Performance Tuning in VSX
- Troubleshooting VSX Issues
- Upgrading a VSX Environment

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

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