

## CVE Certified Virtualization Engineer

### Overview

This fast paced, high energy, hands-on course provides not only the foundation needed for a top performing software defined datacenter, it also provides the latest in virtualization and cloud technologies which gives the engineer or administrator the knowledge and skills needed to design and manage the datacenter for tomorrow's needs. This course will cover everything from design, installation, configuration, best practices, performance monitoring, and just about everything in between!

### Upon Completion

Students will:

- Have learned the pros, cons, best practices, and skills of virtualization.
- Be able to design, secure, deploy, and manage virtual machines.
- Be ready to sit for the CVE exam.

### Course Length

5 days

### Format

- Instructor Led Training
- Instructor Led Online Training

### Prerequisites

- Network+ Certification or Equivalent Knowledge
- Two Years' Experience with
- Microsoft or Linux Servers Basic Virtualization/Cloud Knowledge

### Student Materials

- Student Workbook – 700+ Pages

- Student Lab Guide – 300+ Pages

## Certification Exam

Certified Virtualization Engineer

## Who Should Attend?

Virtualization and Cloud Administrators and Engineers, Virtualization and Cloud Security Engineers, System Administrators and Engineers.

## Course Contents

- Module 1 – Software Defined Datacenter
- Module 2 – Installing and Managing ESXi
- Module 3 – Installing and Managing vCenter
- Module 4 – Configuring and Managing a vSwitch
- Module 5 – Configuring and Managing Storage
- Module 6 – Configuring and Managing Virtual Machines
- Module 7 – Configuring and Managing Distributed Switches
- Module 8 – vSphere Management
- Module 9 – Backup and Disaster Recovery Implementation and Management
- Module 10 – vSphere Upgrading and Patch Management
- Module 11- vSphere Monitoring and Performance
- Module 12 – vSphere Native Security for Admins