

# **Certified Virtualization Engineer (C)VE)**

**Modality: Virtual Classroom**

**Duration: 5 Days**

## **About this course:**

This high energy and hands-on course is giving not simply the fundamentals important for a top-performing software characterized data center, but in addition the most recent improvements in cloud and virtualization advances, consequently giving the participant the information and range of abilities required for the structuring and management of a data center in the present quick-paced, ceaselessly evolving world. The coursework is far-reaching, covering all the important points, from design to configuration, to installation, best practices, observing of execution, and every single related theme in the between. Also, this course readies the understudies for the exam of CVE. The exam of Certified Virtualization Engineer is given online with Mile2's Assessment and Certification System (MACS).

The pay for A Virtualization Engineer midpoints around \$101,790 per annum.

## **Course Objective:**

Upon the culmination of this course, understudies will have full information on:

- The ideas that structure the foundation of cloud and virtualization innovations.
- The most recent advancements in virtualization and cloud frameworks
- The most effective method to plan the infrastructure.
- When and how to utilize propelled features, for example, DPM, DRS, Fault Tolerance, Distributed Switches, and other key features.
- The most effective method to install ESXi.
- The most effective method to design the virtual storage and network in view of execution and security.
- How SvMotion and vMotion, PowerCLI and vCLI function
- When and how Multipathing to storage gadgets works
- How vVols can have any kind of effect in your datacenter.
- Step by step instructions to perform backups and learn which outsider devices work best.
- Software-Defined Datacenter
- Configuring and Managing Storage
- Backup and Disaster Recovery Management and Implementation
- Configuring and Managing Virtual Machines
- vSphere Performance and Monitoring
- Installing and Managing vCenter
- Installing and Managing ESXi
- Configuring and Managing avSwitch
- Configuring and Managing Distributed Switches
- vSphere Management
- vSphere Patch and Upgrading Management
- vSphere Native Security for Admins

## Audience:

This course is designed for:

- Cloud and Virtualization Administrators and Engineers.
- Security Engineers of Virtualization and Cloud.
- System Engineers and Administrators.

## Prerequisites:

Experience of two years with Linux or MS Servers Simple Virtualization or Cloud understanding  
Certified Virtualization Engineer or equal information

## Suggested prerequisites courses:

Virtualization Technologies Introduction

CompTIA Network+ (Exam N10-006) (CompTIA Net)

## Course Outline:

- **Module 1 – Software Defined Datacenter**
- **Module 2 – Installing and Managing ESXi**
- **Module 3 – Installing and Managing vCenter**
- **Module 4 – Configuring and Managing avSwitch**
- **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 PatchManagement**
- **Module 11- vSphere Monitoring and Performance**
- **Module 12 – vSphere Native Securityfor Admins**