Certified Virtualization and Cloud Principles (C)VCP

Modality: Virtual Classroom

Duration: 3 Days

About this course:

The Cloud is generally utilized in the cutting edge world for a huge scope of reasons. A portion of the questions and concerns with respect to why that has have emerged because of its down to earth usage and security, and the inquiries identified with the quick adoption of the Cloud don't stop there. The simplicity of file sharing utilizing a cloud, the utilization of a cloud gets to the broker of security to authorize security approaches for cloud-based executions – these are only two reasonable instances of how the Cloud is utilized. This course will begin by featuring the core components of architecture to help the comprehension of the wide range of advancements that are utilized off camera all together for the participant to make educated, cautious decisions and choices before starting a new business with a cloud seller.

Besides, the participant will find out about an assortment of cloud items and their working and reason, while likewise settling on taught decisions on the advantages of working with the cloud. Also, the cons of cloud use will be included, since there is a huge number of circumstances where the transition to the cloud is flawed, for example, when the expenses are excessively high or with specific sorts of touchy information. All data on security identified with the cloud will be included, and concurrences with cloud sellers will be talked about. This is a broad, comprehensive course and is ensured to meet the prerequisites of any association or agent who is discussing whether they should go to the cloud. Additionally, this course is preparative for the exam of CompTIA Cloud+ and CVE.

The pay for an IT Administrator midpoints around $60,440 per annum.

Course Objective:

- Get favorable circumstances over their opposition and settle on educated choices preceding receiving a cloud innovation.
- Comprehend the favorable circumstances and inconveniences of the adoption of cloud innovation.
- Understand all the fundamental advancements utilized in the implementations of the cloud and get hands-on involvement in practical implementations to the cloud.
- Understand industry security principles in the cloud.
- Comprehend an assortment of the various sorts of cloud sellers and how they could support their organization.

Audience:

This course is designed for:

- IT Consultants
- IT Managers

- IT Administrators
- Solutions Architects
- IT Analysts
- IT Developers
- Anyone needs to gain basic knowledge of Cloud Implementations

Prerequisites:

A general comprehension of web and web innovations.

A general comprehension of storage and network ideas.

Suggested prerequisites courses:

Cloud Computing Technologies Introduction

Microsoft Azure Storage

Course Outline:

- Module 1 : Introduction to Cloud Computing
- Module 2 : Technologies used Under the Hood
- Module 3 : Virtualization Overview
- Module 4 : Risk, Compliance Governance
- Module 5 : Technical Components of Cloud Security
- Module 6 : Cloud Management and Operations

Lab Outline:

- Lab 1: Cloud Migration Evaluation
- Lab 2: SaaS implementation with Salesforce
- Lab 3: PaaS implementation with Microsoft Azure
- Lab 4: Virtualization 101 with VMware vSphere
- Lab 5: Networking at the virtual Layer with VMware vSphere
- Lab 6: Networking at the cloud layer with Microsoft Azure
- Lab 7: Storage at the virtual layer with VMware vSphere
- Lab 8: Storage at the cloud layer with Microsoft Azure
- Lab 9: Resource Management with VMware vSphere
- Lab 10: Resource Management with Microsoft Azure
- Lab 11: Cloud Business Driver Audit Exercise
- Lab 12: Service Level Agreement (SLA) Compliance
- Lab 13: Basic Data Center Operations in Microsoft Azure
- Lab 14: Network Security in Microsoft Azure
- Lab 15: Storage Security in Microsoft Azure
- Lab 16: Encryption in Microsoft Azure
- Lab 17: Identity and Access Management in Microsoft Azure

- Lab 18: Hardening VMs with VMware vSphere
- Lab 19: Interoperability and Portability with Microsoft Azure
- Lab 20: Business Continuity with Microsoft Azure