

# **Azure Security and Compliance**

**Modality: On Demand**

**Duration: 16 Hours**

## **About this course:**

While utilizing cloud services, the major concern that arises is always regarding the best practices that should be followed to guarantee the security of your crucial software and applications.

Microsoft Azure offers all that you need to trust on by providing a powerful infrastructure that is reliable and meets the international standards of security. It offers various tools and resources that are integrated to fulfill all your compliance and security needs. Use Microsoft Azures' platform without any worries to build and deploy your software and applications on the cloud.

You will get to know about Azures' tools such as Azure Security Center, Azure Vault Key, and Microsoft Trust Center. With the help of these tools you will be able to grip skills and knowledge of the features concerning compliance and security in the cloud.

An average salary of a cloud administrator can be of \$79,357 per year.

## **Course Objective:**

After successful completion of this course, students will become capable of executing tasks and have understanding of the systems below:

- How to use Microsoft Azure Trust Center for ensuring privacy, security, compliance and transparency on Azure Cloud service.
- Numerous ways to execute tasks used for the management and implementation of certificates on Azure.
- Learning the implementation of Azure Key Vault in order to ensure security of applications and services on cloud.
- Learning the features of Microsoft Azure Security for detecting, protecting and creating responses against threats and vulnerabilities.

## **Audience:**

- Cloud Administrator

## **Prerequisites:**

- Basic understanding of cloud computing concepts, usage model and its services is required.
- Working experience of PowerShell and command-line interface (CLI) scripting shall be beneficial.

## **Course Outline:**

### **1 | Trust Center**

- Overview
- Security
- Privacy
- Compliance
- Transparency

### **2 | Key Vault**

- Key Vault Basics
- Implementing Key Vault
- Integrating and Monitoring Key Vault
- Review Questions Key Vault

### **3 | Security Center**

- Security Center
- Security Policies
- Recommendations
- Security Alerts
- Review Questions Security Center

### **4 | Core Infrastructure Security**

- Storage Keys and SAS
- Network Security Groups
- Azure Identity Management

### **5 | Operations Management Suite (OMS)**

- OMS Overview
- Log Analytics
- Security and Compliance Solutions
- Review Questions OMS

### **6 | Course Completion?**

- Final Exam (Graded)?