# Managing Azure Workloads

**Modality: On Demand**

**Duration: 16 Hours**

## About this course:

Automation is an important element in driving market growth and reducing IT effort. Not long ago, IT workers would set up individual devices and spend a great deal of time replicating their environments manually. In this online training program, you will discover how to automate MS Azure's management and operational tasks to save time, improve quality and accuracy, and increase reliability using technologies such as ARM models, Desired State Configuration, and run Azure Automation-integrated books.

You can now completely use automation and script-writing in MS Azure to create automated backups, enable Disaster Recovery plans in the event of downtime or network disasters, and streamline the processes. Azure helps improve use and customer efficiencies. Organizations often regularly automate procedures to scale up their business functions appropriately, based on non-peak and peak periods and consumption trends, thus reducing the previously necessary manual involvement for these functions.

An IT System Administrator's annual salary is $72,762 per annum.

## Course Objective:

· Implementing Runbooks

· Using Azure Automation to add several components of automation

· Defines configurations and environments using ARM Models and combines them with other automation tools

· Common interpretation of models for cloud computing

· Configuration of the desired state

· Implementing Workflows

· Fundamental knowledge of command-line interface and PowerShell scripting

## Audience:

· IT Systems Manager and Administrator

## Prerequisites:

· Fundamental understanding of the command-line interface and PowerShell scripting

· Basic knowledge of cloud computing models

## Course Outline:

### Module 1: Implement Microsoft Operations Management Suite (OMS)

- Module 1
- Review Questions: Not Graded

### Module 2: Implement Operational Insights

- Module 2
- Review Questions

### Module 3: Manage Core Infrastructure- Managing Nano deployments

- Module 3
- Review Questions

### Module 4: Billing, Costs and Subscription Management

- Module 4
- Review Questions

### Practical Exercises & Final Exam

- What are Practical Exercises (Start Here)
- Final Exam: Graded?