

GETTING STARTED WITH AZURE - PAAS

COURSE CONTENTS

1. Overview
2. Cloud Computing
 - i) IAAS, PAAS, SAAS
 - ii) What is Computing?
3. Azure –
 - i) Portal
 - ii) Pricing
 - iii) Resource Group
 - iv) Data Centers and Azure Regions
4. Azure Virtual Machines:
 - i) Deploy and Configure VM
 - ii) Scale & Monitor
 - iii) Virtual Network
5. Azure Storage:
 - i) Blobs and Files
 - ii) Tables
 - iii) Queues
6. Azure Databases:
 - i) SQL Databases- Create, Manage Replication, Backup, Security
 - ii) Document DB- Create, CRUD Demo
7. Azure Messaging:
 - i) Introduction to Service Bus -Queues, Topics, Relays
 - ii) Demo
8. Azure App Services:
 - i) WebApp
 - ii) Cloud Services
 - iii) API Management
 - iv) Web Worker Role
 - v) WebJobs

9. Azure Monitoring, Management, Load Balancing
 - i) App insights
 - ii) App Monitoring & Managements
 - iii) Deployment Slots
10. Azure Active Directory
 - i) Introduction
 - ii) Set up & demo
11. Continuous Integration & Continuous Deployment using VSTS
 - i) Hosting Sample Web App using VSTS Templates to Azure
12. Azure Functions:
 - i) What is Server-less Computing
 - ii) Create Function
 - iii) Triggering Function
 - iv) Demo: Pipeline Creation
13. Azure CDN Demo
14. Azure AD and Container service