



Price: \$1,295

Length: 3 days

Introduction: This course is designed for IT professionals looking to understand the Microsoft Azure Infrastructure components, including virtual machines, virtual networks, migrating, extending, running, managing and monitoring common workloads in the cloud. The course will guide student through the process of managing virtual machines, web sites, and cloud services in Microsoft Azure. Labs for each module give students hands-on experience.

Target Audience: This course is intended for IT professionals looking to evaluate or deploy Microsoft Azure.

Prerequisites: Before attending this course, students should have:

- Deep understanding of Virtualization technologies
- Understanding of cloud computing
- Prior experience with Hyper-V or other virtualization technologies
- Previous storage configuration experience
- Previous networking configuration experience

Objectives: After completing this course, students will be able to:

- Deploy Azure Virtual Machines
- Deploy Azure Web Sites
- Deploy Azure Cloud Services
- Understand Azure Active Directory
- Manage Azure Storage
- Migrate on-premises Virtual Machines and VHDs to Microsoft Azure
- Configure Virtual Networks
- Configure cross-premises communication
- Understand Azure SQL Database
- Understand Azure Recovery
- Understand the Windows Azure Pack

Course Outline

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| I. Introduction to Microsoft Azure <ul style="list-style-type: none">A. What is cloud computingB. Overview of Microsoft cloud computingC. Azure Overview and Services | III. Azure Data Services <ul style="list-style-type: none">A. StorageB. Azure CacheC. Azure Marketplace and Tools |
| II. Azure Services <ul style="list-style-type: none">A. Data ServicesB. Network ServicesC. Compute ServicesD. App Services | IV. Azure Network Services <ul style="list-style-type: none">A. Azure Virtual NetworksB. Configuration of Virtual NetworksC. Traffic Manager |



V. Azure Compute Services

- A. Web Sites
- B. Virtual Machines
- C. Cloud Services

VI. Azure Active Directory

- A. Introduction to Azure Active Directory
- B. Administering Azure Active Directory
- C. Managing Azure Active Directory

VII. Azure Data Management

- A. HDInsight Service
- B. Recovery Services

VIII. Windows Azure Pack for Windows Server

- A. Deploying Windows Azure Pack
- B. Provision and Configure Services
- C. Administer Windows Azure Pack