

Day 1

Course Outline Azure Infrastructure

Module 1: Introduction to Azure

Lessons

- Cloud Technology Overview
- Microsoft Azure
- Azure Portals
- Managing Azure with Windows PowerShell

Module 2: Implement and Manage Virtual Networks

Lessons

- Planning Virtual Networks
- Implementing and Managing Virtual Networks
- Configuring Connections to Virtual Networks

Day 2

Module 3: Implement Virtual Machines

Lessons

- Introduction to IaaS Cloud Services
- Planning Virtual Machine Workloads
- Creating Virtual Machines

Module 4: Managing Virtual Machines

Lessons

- Configuring Virtual Machines
- Managing and Configuring Virtual Machine Disks
- Managing and Monitoring Virtual Machines
- Outline the options for configuring virtual machine security.

Module 5: Implementing Websites

Lessons

- Planning for Website Deployment
- Deploying Websites
- Configuring Websites
- Monitoring Websites
- Traffic Manager

Lab : Implementing Websites

- Creating Websites
- Deploying a Website
- Managing Websites

Day 3

Module 6: Planning and Implementing Storage

Lessons

- Planning Storage
- Implementing and Managing Storage
- Backup and Monitoring Storage

Module 7: Implement Azure AD

Lessons

- Creating and Managing Azure Directories
- Configuring Application Integration with Azure Active Directory
- Overview of Azure Active Directory Premium

Module 8: Managing Active Directory in a Hybrid Environment

Lessons

- Extending On-Premises Active Directory into Azure
- Directory Synchronization
- Implementing Federation