



COURSE OVERVIEW

This course teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create & scale virtual machines, implement web apps and containers, back up and share data, & monitor your solution.

PREREQUISITE

- Understanding in on-premise virtualization, network configuration and active directory concepts

WHAT YOU'LL LEARN

- Completely manage your Azure subscription, including network configurations, backups, implementation or solutions, apps & containers, and monitoring

CONTACT US

-  www.sysiit.ca
-  905-629-3000
-  info@sysintelligence.com
-  5004 Timberlea Blvd, Unit 214-216,
Mississauga ON, L4W 2S6

MODULES

Module 1: Identity

- Azure Active Directory
- Users and Groups

Module 2: Governance & Compliance

- Subscriptions and Accounts
- Azure Policy
- Role-based Access Control (RBAC)

Module 3: Azure Administration

- Azure Resource Manager
- Azure Portal and Cloud Shell
- Azure PowerShell and CLI
- ARM Templates

Module 4: Virtual Networking

- Virtual Networks
- IP Addressing
- Network Security groups
- Azure Firewall
- Azure DNS

Module 5: Intersite Connectivity

- VNet Peering
- VPN Gateway Connections
- ExpressRoute and Virtual WAN

Module 6: Network Traffic Management

- Network Routing and Endpoints
- Azure Load Balancer
- Azure Application Gateway
- Traffic Manager

Module 7: Azure Storage

- Storage Accounts
- Blob Storage
- Storage Security
- Azure Files and File Sync
- Managing Storage

Module 8: Azure Virtual Machines

- Virtual Machine Planning
- Creating Virtual Machines
- Virtual Machine Availability
- Virtual Machine Extensions

Module 9: Serverless Computing

- Azure App Service Plans
- Azure App Service
- Container Services
- Azure Kubernetes Service

Module 10: Data Protection

- File and Folder Backups
- Virtual Machine Backups
- Backup and restore file and folders
- Backup and restore virtual machines

Module 11: Monitoring

- Azure Monitor
- Azure Alerts
- Log Analytics
- Network Watcher