



# Digital Lync

EDUCATION - INNOVATION - INCUBATION



# AZURE

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# COURSE CURRICULUM

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## ✔ Module 1: Getting Started with Microsoft Azure

What is cloud computing?

What is Azure?

Managing Azure

Subscription management, support, and billing

Lab : Using the Azure portals

Customizing the Azure portal interface

Viewing billing, usage, and quotas data

## ✔ Module 2: Microsoft Azure management tools

What is Azure PowerShell

The Azure SDK and the Azure CLI

Lab : Using Microsoft Azure management tools

Using the Azure PowerShell modules

Use the Azure CLI

### ✔ **Module 3 : Virtual machines in Microsoft Azure]**

Creating and configuring VMs

Configure disks

Lab : Creating a VM in Azure

Create a VM from the Azure Portal by using an-Azure Marketplace image

Verify the functionality of the VM

Configure storage of a VM

### ✔ **Module 4 : Web Apps and cloud services**

Creating and configuring web apps

Deploying and monitoring web apps

Creating and deploying PaaS cloud services

Lab : Web Apps and cloud services

Creating and configuring a WordPress web app

Create a cloud service

## ✔ Module 5 : Creating and configuring virtual network

Getting started with virtual networks

Creating a virtual network

Getting started with Azure Load Balancers

Lab : Create a virtual network

Creating a virtual network

Verifying virtual network functionality

## ✔ Module 6 : Cloud storage

Understanding cloud storage

Create and manage storage

Lab : Configure Azure Storage

Create an Azure Storage account

Create and manage blobs

## ✔ Module 7 : Microsoft Azure databases

Understanding options for relational database-  
-deployment

Creating and connecting to Azure SQL databases

Lab : Creating a SQL Database in Azure

Create a new Azure SQL database in Azure and-  
-configure SQL Server firewall rules

Manage content of an Azure SQL database by-  
-using SQL Server

Management Studio

## ✔ Module 8: Creating and managing Azure AD

Overview of Azure AD

Manage Azure AD authentication

Lab : Create users in Azure Active Directory tenants

Create users in Azure AD

Create a new Azure AD Tenant and a custom-  
-DNS domain



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## **HEADQUARTERS**

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