



Course AZ-101T01-A

## Migrate Servers to Azure

Course Length : 8 Hours  
Professional Series : 1 Day  
Academic Series : 2 Weeks

### Module 1:

#### Azure Migrate

- Overview of Cloud Migration
- Azure Migrate: The Process

### Module 2:

#### Azure Site Recovery

- Overview of ASR
- Preparing the Infrastructure
- Completing the Migration Process

### Module 3:

#### Disaster Recovery

- Backup and Restore
- Azure to Azure Disaster Recovery

### Module 4:

#### Migrating Data

- Database Migration
- Import and Export Service

### Module 5:

#### Lab-Implement Azure Site Recovery Between Azure Regions

- Implement prerequisites for migration of Azure VMs by using Azure Site Recovery
- Migrate an Azure VM between Azure regions by using Azure Site Recovery

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Course AZ-101T02-A

## Implement and Manage Application Services

Course Length : 8 Hours  
Professional Series : 1 Day  
Academic Series : 2 Weeks

### Module 1:

#### Introducing the Azure App Service Platform

- Introducing Azure App Service
- App Service Environments

### Module 2:

#### Managing and Securing Web Apps

- Deploying Web Apps
- Managing Web Apps
- App Service Security

### Module 3:

#### Scaling and Performance

- Scale Up and Scale Out
- Autoscale and Grow out
- Optimizing Bandwidth and Web Traffic

### Module 4:

#### Deploying Serverless Computing Solutions

- Serverless Computing Concepts
- Managing Azure Functions
- Managing Event Grid
- Managing Service Bus
- Managing Logic App

### Module 5:

#### Lab-Implement and Manage Application Services

- Implement Azure web apps.
- Manage scalability and performance of Azure web apps.

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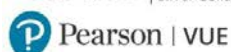
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Course AZ-101T03-A

## Implement Advanced Virtual Networking

Course Length : 8 Hours  
Professional Series : 1 Day  
Academic Series : 2 Weeks

### Module 1:

#### Distributing Network Traffic

- Overview of Network Traffic Distribution Options
- Azure Load Balancer
- Azure Traffic Manager
- Azure Application Gateway

### Module 2:

#### Site Connectivity

- Site-to-Site VPN Connections
- ExpressRoute

### Module 3:

#### Monitoring and Troubleshooting Network Connectivity

- Introducing Network Watcher
- Implementing Network Watcher
- Network Troubleshooting Examples

### Module 4:

#### Lab-Implement Advanced Virtual Networking

- Deploy Azure VMs by using Azure Resource Manager templates.
- Implement Azure Load Balancing.
- Implement Azure Traffic Manager load balancing.

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Course AZ-101T04-A

## Secure Identities

Course Length : 8 Hours  
Professional Series : 1 Day  
Academic Series : 2 Weeks

### Module 1:

#### Introduction to Identity Protection in Azure

- Role-Based Access Control
- Azure Active Directory (Refresher)
- Protecting Privileged Access in the Environment

### Module 2:

#### Using Multi-Factor Authentication for Secure Access

- Introducing Multi-Factor Authentication
- Implementing MFA

### Module 3:

#### Azure AD Privileged Identity Management

- Getting Started with PIM
- PIM Security Wizard
- PIM for Directory Roles
- PIM for Role Resources

### Module 4:

#### Lab-Secure Identities

- Deploy an Azure VM by using an Azure Resource Manager template.
- Create Azure AD users and groups.
- Delegate management of Azure resources by using custom Role-Based Access Control (RBAC) roles.
- Delegate management of Azure AD by using Privileged Identity Management directory roles.
- Delegate management of Azure resources by using Privileged Identity Management resource roles.

