

# Course AZ-101T01-A: Migrate Servers to Azure

## Course Outline

### Module 1: Managing Azure Active Directory

In this module, you will be introduced to Azure migration projects and specifically Azure Migrate. Azure Migrate will be your tool of choice for automated server discovery and workload sizing. You will step through the process of using Azure Migrate to create a project, create a collector, assess machine readiness, and estimate cost.

#### Lessons

- Overview of Cloud Migration
- Azure Migrate: The Process

After completing this module, students will be able to:

- Use Azure Migrate to discover and assess on-premises virtual machine migration to Azure.

### Module 2: Azure Site Recovery

In this module, you will be introduced to Azure Site Recovery (ASR). ASR will be your primary tool for migrating workloads to Azure. You will learn which scenarios are most appropriate for ASR and the features that the product provides. You will also learn how to use the ASR deployment planner to ensure your infrastructure is ready for migration. Lastly, you will walk through the process of implementing ASR on a Hyper-V infrastructure.

#### Lessons

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

After completing this module, students will be able to:

- Use Azure Site Recovery to migrate Hyper-V infrastructures to Azure.

### Module 3: Additional Migration Scenarios

In this module, you will complete your study of Azure migration by looking at two different migration scenarios. In the first scenario you will see how to migrate VMware vSphere Hypervisor virtual machines to Azure using ASR. In the second video series we will migrate System Center VMM Hyper-V machines.

#### Lessons

- VMWare Migration
- System Center VMM Migration: Video Walkthrough

After completing this module, students will be able to:

- Review migration strategies for VMWare and System Center VMM virtual machines.