

## Episode Title: Migrate workloads to Azure IaaS

### Objectives:

At the end of this episode, I will be able to:

1. Deploy the Azure Migrate migration appliance
2. Replicate VMs from on-premises to Azure
3. Migrate the on-premises VMs to Azure

### Key Points:

#### Key Point 1

Azure Migrate provides a collection of tools to discover and migrate resources. The discovery and the migration appliances are separate tools that have to be deployed and configured in the environment.

#### Key Point 2

When using the Azure Migrate appliance, you configure replication of the VMs from the source environment to Azure. The Azure Migrate resource creates a Recovery Service vault to manage the replication.

#### Key Point 3

To migrate the VMs after replication, the target network and associated resources should already be created. This includes the virtual network, network security groups, firewalls, and more.

- If additional resources are used during the episode, they can be obtained using the download link on the overview episode (e.g. diagrams, no powerpoints)

---

### External Resources:

If external resources were used during this episode, you can reference the following external resources for supplementary tools and information, if none were used, then this section will be blank:

- About Azure Migrate  
: <https://learn.microsoft.com/en-us/azure/migrate/migrate-services-overview>