

Section 2: Understand Core Azure Services  
Study Material for Exam AZ-900  
Azure Fundamentals

[Understand core Azure services \(30-35%\)](#)

Below you will find helpful links to Microsoft docs and blogs which will enhance your learning and understanding around the AZ-900 topics covered. The topics align with subjects found in each module of the [Skylines Academy AZ-900 course](#) as well as the [Microsoft Skills Measured Curriculum](#).

**Understand the core Azure architectural components**

- [AZ-900: Azure Regions](#)
- [Azure regions](#)
- [Regions and Availability Zones in Azure](#)
- [Azure Availability Zones](#)
- [Azure Resource Manager](#)
- [What is Azure Resource Manager?](#)
- [Create resource groups and resources at the subscription level](#)

**Describe some of the core products available in Azure**

- [Choose an Azure compute service for your application](#)
- [Virtual Machines](#)
- [Windows virtual machines in Azure](#)
- [What are virtual machine scale sets?](#)
- [App Service](#)
- [App Service Documentation](#)
- [Web Apps](#)
- [An introduction to Azure Functions](#)
- [Functions](#)

- [What is Azure Virtual Network?](#)
- [Azure Virtual Network frequently asked questions \(FAQ\)](#)
- [What is Azure Load Balancer?](#)
- [VPN Gateway](#)
- [VPN Gateway FAQ](#)
- [Application Gateway](#)
- [What is Azure Application Gateway?](#)
- [Content Delivery Network](#)
- [What is a content delivery network on Azure?](#)
- [Blob Storage](#)
- [Introduction to Azure Blob storage](#)
- [Introduction to Azure Storage](#)
- [Disk Storage](#)
- [Introduction to Azure Managed Disks](#)
- [What is Azure Files?](#)
- [Azure File Storage, now generally available](#)
- [Azure Archive Storage](#)
- [Azure Blob storage: hot, cool, and archive access tiers](#)
- [Azure Cosmos DB](#)
- [Azure Cosmos DB Documentation](#)
- [The Azure SQL Database service](#)
- [What is the Azure SQL Database service?](#)
- [Azure Database Migration Service](#)
- [What is the Azure Database Migration Service?](#)
- [What is Azure Synapse Analytics \(formerly SQL DW\)?](#)
- [Microsoft commercial marketplace publisher frequently asked questions](#)
- [Azure solutions](#)

- [What is Azure Internet of Things \(IoT\)?](#)
- [Azure IoT](#)
- [What is Azure IoT Hub?](#)
- [What is Azure IoT Central?](#)
- [Big data and analytics](#)
- [Analytics](#)
- [Azure Stream Analytics](#)
- [What is Azure HDInsight and the Apache Hadoop technology stack](#)
- [What is Apache Hadoop in Azure HDInsight?](#)
- [What is Azure Data Lake Analytics?](#)
- [What is Artificial Intelligence?](#)
- [What is Azure Machine Learning service?](#)
- [What is Azure Machine Learning Studio?](#)
- [Azure Machine Learning](#)
- [Serverless computing](#)
- [What is serverless computing?](#)
- [An introduction to Azure Functions](#)
- [Overview - What is Azure Logic Apps?](#)

## **Understand Azure management tools**

- [Management and governance](#)
- [Azure Command-Line Interface \(CLI\)](#)
- [Get started with Azure CLI](#)
- [Azure Portal](#)
- [Overview of Azure PowerShell](#)
- [Azure Advisor](#)

- [Introduction to Azure Advisor](#)