



Azure Fundamentals: Describe Azure architecture and services

3 hr 23 min • Learning Path • 4 Modules

Beginner Administrator Developer DevOps Engineer Solution Architect Azure


The Microsoft Azure Fundamentals training is composed of three learning paths: Microsoft Azure Fundamentals: Describe cloud concepts, Describe Azure architecture and services, and Describe Azure management and governance. Microsoft Azure Fundamentals: Azure architecture and services is the second learning path in the Microsoft Azure Fundamentals course. This learning path explores Microsoft Azure, its architecture, and some of the most commonly used services and resources.

This learning path helps prepare you for [Exam AZ-900: Microsoft Azure Fundamentals](#).

Prerequisites

- Basic familiarity with IT terms and concepts

 Save



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✓ 4700

Modules in this learning path

Describe the core architectural components of Azure

✓ 1000 XP

48 min • Module • 9 Units

★★★★★ 4.8 (14,873)

This module explains the basic infrastructure components of Microsoft Azure. You'll learn about the physical infrastructure, how resources are managed, and have a chance to create an Azure resource.

Overview ^

Introduction	✓
1 min	
What is Microsoft Azure	✓
4 min	
Get started with Azure accounts	✓
4 min	
Exercise - Explore the Learn sandbox	✓
10 min	
Describe Azure physical infrastructure	✓
6 min	
Describe Azure management infrastructure	✓
7 min	
Exercise - Create an Azure resource	✓
10 min	
Knowledge check	✓
4 min	
Summary	✓
2 min	

 Save



Describe Azure compute and networking services

✓ 1500 XP



1 hr 8 min • Module • 14 Units

★★★★☆ 4.6 (12,051)

This module focuses on some of the computer services and networking services available within Azure.

Overview ^

Introduction	1 min	✓
Describe Azure Virtual Machines	6 min	✓
Exercise - Create an Azure Virtual Machine	10 min	✓
Describe Azure Virtual Desktop	5 min	✓
Describe Azure Containers	6 min	✓
Describe Azure Functions	4 min	✓
Describe application hosting options	3 min	✓
Describe Azure Virtual Networking	5 min	✓
Exercise - Configure network access	10 min	✓
Describe Azure Virtual Private Networks	5 min	✓
Describe Azure ExpressRoute	4 min	✓
Describe Azure DNS	3 min	✓
Knowledge check	4 min	✓
Summary	2 min	✓

⊕ Save



Describe Azure storage services

✓ 1000 XP

44 min • Module • 9 Units

★★★★★ 4.8 (8,590)

This module introduces you to storage in Azure, including things such as different types of storage and how a distributed infrastructure can make your data more resilient.

Overview ^

Introduction	1 min	✓
Describe Azure storage accounts	5 min	✓
Describe Azure storage redundancy	6 min	✓
Describe Azure storage services	8 min	✓
Exercise - Create a storage blob	10 min	✓
Identify Azure data migration options	5 min	✓
Identify Azure file movement options	3 min	✓

Knowledge check

4 min



Summary

2 min



[Save](#)



Describe Azure identity, access, and security

✓ 1200 XP

43 min • Module • 11 Units

★★★★★ 4.8 (9,174)

This module covers some of the authorization and authentication methods available with Azure.

Overview ^

Introduction

1 min



Describe Azure directory services

6 min



Describe Azure authentication methods

6 min



Describe Azure external identities

3 min



Describe Azure conditional access

3 min



Describe Azure role-based access control

5 min



Describe zero trust model

3 min



Describe defense-in-depth

4 min



Describe Microsoft Defender for Cloud

6 min



Knowledge check

4 min



Summary

2 min



[Save](#)