Cloud fundamentals in Azure





Azure fundamentals

9 hr 48 min • Learning Path • 12 Modules



12000 XP

Interested in the cloud, but aren't quite sure what it can do for you? This path is the place to start.

In this learning path, you will:

- Learn cloud concepts such as High Availability, Scalability, Elasticity, Agility, Fault Tolerance, and Disaster Recovery
- Understand the benefits of cloud computing in Azure and how it can save you time and money
- Compare and contrast basic strategies for transitioning to the Azure cloud
- Explore the breadth of services available in Azure including compute, network, storage and security

Once you complete this learning path, you will have the necessary knowledge to take the <u>AZ900 Microsoft</u> <u>Azure Fundamentals Exam</u>.

Prerequisites

None



Module 1 | Principle of Cloud Computing





Module 1 | Creating your azure account



Create an Azure account

39 min • Module • 7 Units

★★★★ 4.7 (101,052)

Beginner Administrator Solutions Architect Developer Security Engineer Student Azure Azure Portal

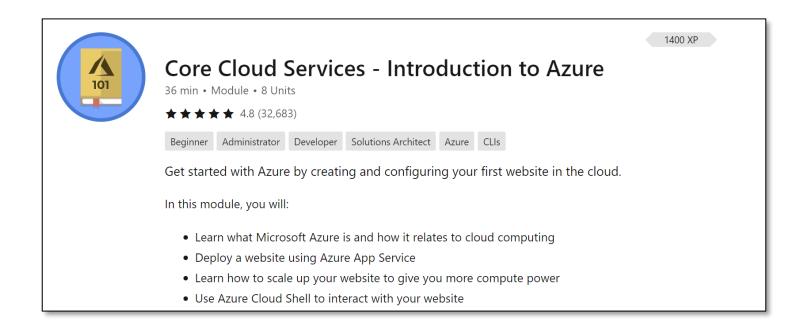
The first step to using Azure is to sign up. You may sign up directly through Azure.com, with the help of a Microsoft representative, or through a partner. If you're new to Azure, you may sign up for an Azure free account to start exploring with \$200 USD free credit and free services.

800 XP

In this module, you will:

- Learn about Azure sign-up options including Azure free account.
- · Create an Azure free account.
- Understand how billing works in Azure.
- · Learn about different support options.









Core Cloud Services - Azure architecture and service guarantees

45 min • Module • 9 Units

★★★★ 4.7 (54,140)

Beginner Administrator Developer Solutions Architect Student Azure

Azure provides a global network of secure datacenters you can deploy your services into. Learn about the physical architecture of Azure, how redundancy is provided, and what service guarantees Microsoft provides.

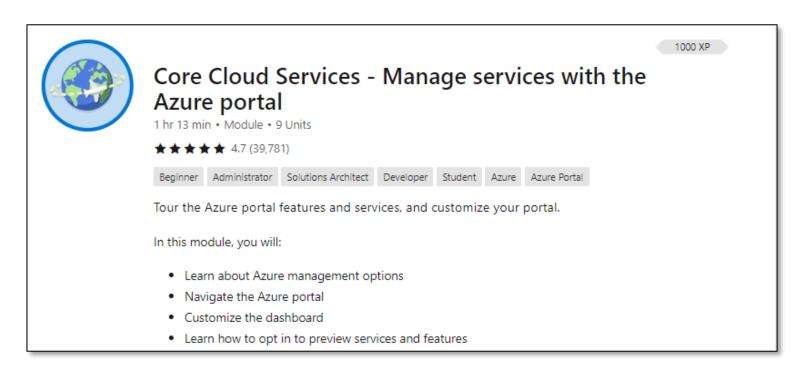
1000 XP

In this module, you will:

- · Explore the physical structure of Azure infrastructure
- Understand the service level agreements provided by Azure
- · Learn how to provide your own service level agreements for your apps

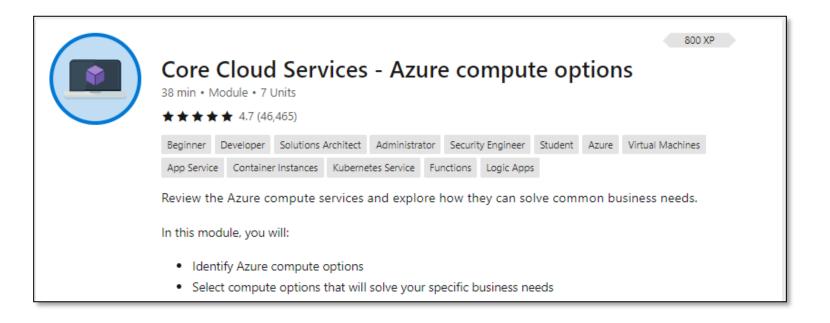


Week 1 | Could and Azure Fundamentals

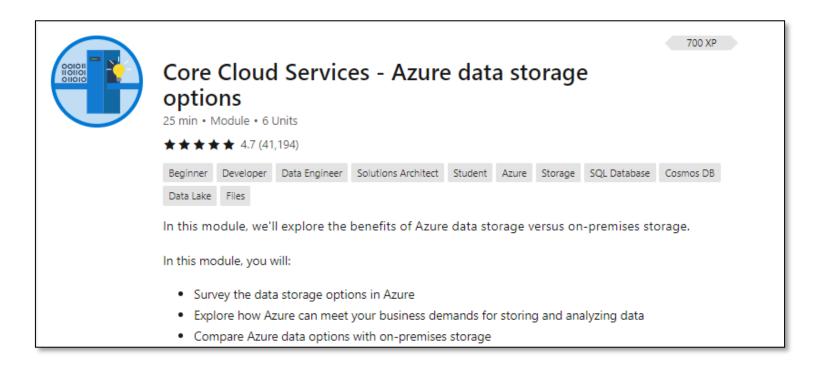




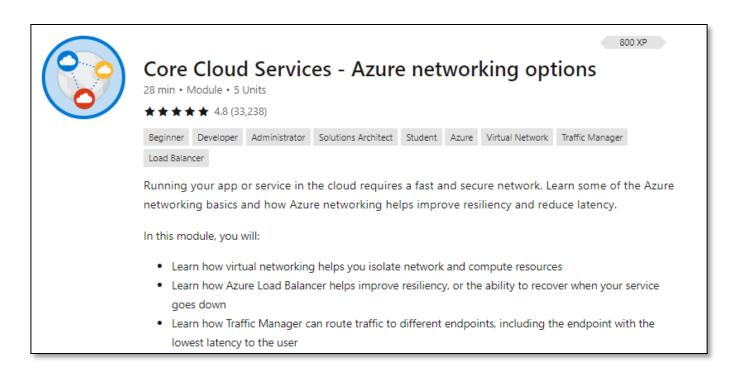
Week 1 | Could and Azure Fundamentals



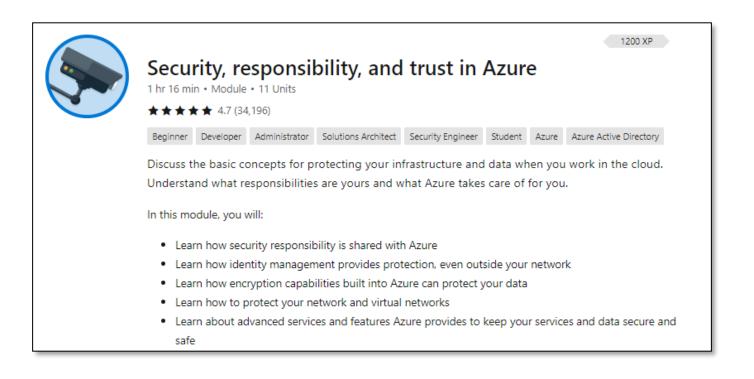












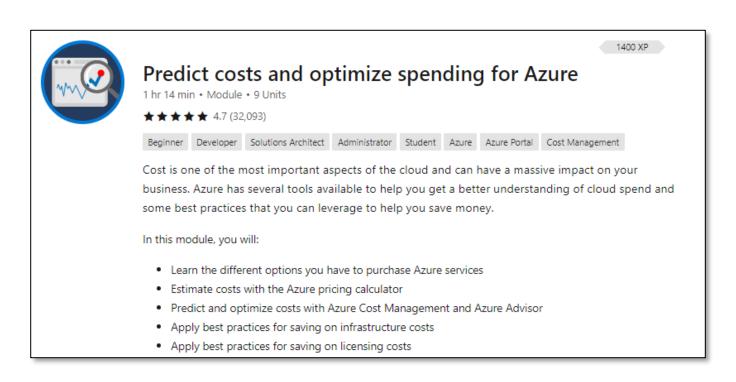




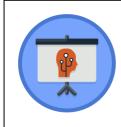












Introduction to Azure Machine Learning service

35 min • Module • 7 Units

★★★★ 4.6 (666)

Beginner Data Scientist Azure Machine Learning Service

Introduction to Azure Machine Learning service

In this module, you will:

• Learn the difference between Azure Machine Learning Studio and Azure Machine Learning service

800 XP

- See how Azure Machine Learning service fits into the data science process
- Learn the concepts related to an Azure Machine Learning service experiment
- Explore the Azure Machine Learning service pipeline
- Train a model using Azure Machine Learning service

