

INTRODUCTION TO CLOUD INFRASTRUCTURE (AZ-900)

Course Code: 100251

This course will provide foundational level knowledge on cloud concepts.

AZ-900 is designed to provide foundational knowledge of cloud computing and Microsoft Azure services. It introduces learners to core cloud concepts, Azure architecture, and essential management and governance capabilities, serving as the ideal starting point for an Azure learning journey. The course enables participants to understand how Azure delivers compute, networking, and storage services, alongside the tools and features used to secure, manage, and monitor cloud environments.

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Microsoft Azure Certification Video

What You'll Learn

Students will learn,

- Cloud concepts: deployment models, service types, and benefits
- Core Azure services: compute, networking, storage, and databases
- Azure architecture: regions, resources, subscriptions, and management groups
- Security, compliance, and identity fundamentals
- Azure management, governance, and cost management tool

Who Needs to Attend

This course is suitable for IT personnel who are just beginning to work with Azure. This audience wants to learn about our offerings and get hands-on experience with the product. This course primarily uses the Azure portal and command line interface to create resources and does not require scripting skills. Students in this course will

gain confidence to take other role-based courses and certifications, such as Azure Administrator. This course combines lecture, demonstrations, and hands-on labs. This course will also help prepare someone for the AZ-900 exam.

Prerequisites

Basic understanding of general IT concepts is helpful.

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CLASSROOM LIVE

\$675 CAD

1 Day

Classroom Live Outline

Module 1: : Describe cloud concepts

- Describe cloud computing
- Describe the benefits of using cloud services
- Describe cloud service types

Module 2: Describe Azure architecture and services

- Describe the core architectural components of Azure
- Describe Azure compute services
- Describe Azure networking services
- Describe Azure storage services
- Describe Azure identity, access, and security

Module 3: Describe Azure management and governance

- Describe cost management in Azure
- Describe features and tools in Azure for governance and compliance
- Describe features and tools for managing and deploying Azure resources
- Describe monitoring tools in Azure

Classroom Live Labs

- Lab : Explore the Microsoft Learn sandbox
- Lab : Create an Azure resource
- Lab : Create an Azure virtual machine
- Lab : Configure network access
- Lab : Create a storage blob
- Lab : Configure a resource lock
- Lab : Compare workload costs using the Total Cost of Ownership calculator
- Lab : Estimate workload costs using the Pricing calculator

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VIRTUAL CLASSROOM LIVE

\$675 CAD

1 Day

Virtual Classroom Live Outline

Module 1: : Describe cloud concepts

- Describe cloud computing
- Describe the benefits of using cloud services
- Describe cloud service types

Module 2: Describe Azure architecture and services

- Describe the core architectural components of Azure
- Describe Azure compute services
- Describe Azure networking services
- Describe Azure storage services
- Describe Azure identity, access, and security

Module 3: Describe Azure management and governance

- Describe cost management in Azure
- Describe features and tools in Azure for governance and compliance
- Describe features and tools for managing and deploying Azure resources
- Describe monitoring tools in Azure

Virtual Classroom Live Labs

- Lab : Explore the Microsoft Learn sandbox
- Lab : Create an Azure resource
- Lab : Create an Azure virtual machine
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Jul 31 - 31, 2026 | 9:00 AM - 5:00 PM EDT

Aug 14 - 14, 2026 | 9:00 AM - 5:00 PM EDT

Aug 24 - 24, 2026 | 9:00 AM - 5:00 PM EDT

Sep 11 - 11, 2026 | 9:00 AM - 5:00 PM EDT

Sep 25 - 25, 2026 | 12:00 - 8:00 PM EDT

Oct 9 - 9, 2026 | 12:00 - 8:00 PM EDT

Oct 30 - 30, 2026 | 9:00 AM - 5:00 PM EDT

Nov 13 - 13, 2026 | 9:00 AM - 5:00 PM EST

Nov 20 - 20, 2026 | 9:00 AM - 5:00 PM EST

Dec 4 - 4, 2026 | 12:00 - 8:00 PM EST

Dec 18 - 18, 2026 | 9:00 AM - 5:00 PM EST



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PRIVATE GROUP TRAINING

1 Day

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