

**Azure Fundamentals**  
AZ-900T01-A



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<b>Course Name</b>	<b>Azure Fundamentals</b>
<b>Course Code</b>	AZ-900T01-A
<b>Course Duration</b>	1 Day
<b>Course Structure</b>	Instructor Led
<b>Course Overview</b>	<p>This one-day course will provide foundational level knowledge on cloud concepts; core Azure services; security, privacy, compliance, and trust; and Azure pricing and support.</p> <p>Note: This course does not provide an Azure pass or time for students to participate in hands-on labs. If you are interested in a more interactive hands-on lab experience, consider the AZ-900T00: Microsoft Azure Fundamentals (2 day) course, which includes trainer-directed hands-on labs. The content for both courses align to the AZ-900 exam objective domain.</p>
<b>Audience Profile</b>	<p>This course is suitable for program managers and technical sales, with a general IT background. These students want to learn about our offerings, see how components are implemented, and ask questions about products and features. This course does not provide an Azure pass or time in the classroom for students to do any hands-on activities. Students can get a free trial and do the walkthroughs outside of class. This course is primarily lecture and demonstrations. This course will help prepare someone for the AZ-900 exam.</p>
<b>Course Prerequisites</b>	<p>There are no prerequisites for taking this course. Technical IT experience is not required however, some general IT knowledge or experience would be beneficial.</p>
<b>Course Outcome</b>	<p>Upon completion of this course, students will be able to:</p> <ul style="list-style-type: none"><li>• Understand general cloud computing concepts</li><li>• Understand core services available with Microsoft Azure</li><li>• Understand security, privacy, compliance, and trust with Microsoft Azure</li><li>• Understand pricing and support models available with Microsoft</li></ul>

<b>Assessment/Evaluation</b>	This course prepares students to write Exam AZ-900: Microsoft Azure Fundamentals. On successful completion of this course students will receive IT-IQ Botswana Attendance Certificate.
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<b>Course Details</b>	
<b>Topic</b>	<p><b>Topic 1: Cloud Concepts</b></p> <p>In this Topic you will learn basic cloud concepts.</p> <p><b>Lessons</b></p> <ul style="list-style-type: none"><li>• Why Cloud Services?</li><li>• Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)</li><li>• Public, Private, and Hybrid cloud models</li></ul> <p>After completing this Topic, students will be able:</p> <ul style="list-style-type: none"><li>• Understand general cloud computing concepts</li></ul> <p><b>Topic 2: Core Azure Services</b></p> <p>In this Topic you will learn the basics core services available with Microsoft Azure.</p> <p><b>Lessons</b></p> <ul style="list-style-type: none"><li>• Core Azure architectural components</li><li>• Core Azure Services and Products</li><li>• Azure Solutions</li><li>• Azure management tools</li></ul>

After completing this Topic, students will be able:

- Understand core services available with Microsoft Azure

### **Topic 3: Security, Privacy, Compliance and Trust**

In this Topic, you learn about security, privacy, compliance, and trust with Microsoft Azure.

#### **Lessons**

- Securing network connectivity in Azure
- Core Azure Identity services
- Security tools and features
- Azure governance methodologies
- Monitoring and Reporting in Azure
- Privacy, Compliance and Data Protection standards in Azure

After completing this Topic, students will be able:

- Understand security, privacy, compliance and trust with Microsoft Azure

### **Topic 4: Azure Pricing, Service Level Agreements (SLAs), and Lifecycle**

In this Topic, you will focus on pricing and support models available with Microsoft.

#### **Lessons**

- Azure subscriptions
- Planning and managing costs
- Service lifecycle in Azure

After completing this Topic, students will be able:

- Understand pricing and service lifecycle models available with Microsoft