**Customised IT and Soft Skills training to suit your needs**

# AZ-900-2 Microsoft Azure Fundamentals

## Course objectives

Module 1: Cloud Concepts

Module 2: Core Azure Services

Module 3: Security, Privacy, Compliance, and Trust

Module 4: Azure Pricing, Service Level Agreements (SLAs), and Lifecycle

## Audience

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 to create services 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 provides an Azure pass and optional lab environment. This course combines lecture, demonstrations, and hands-on labs. This course will also help prepare someone for the AZ-900 exam.

## Prerequisite

There are no prerequisites for taking this course. However, the more technical knowledge a student has the more they will understand about the cloud.

## Duration

This is **a two-day Microsoft Azure Fundamentals** Course. The course starts at **09:30** and runs until **16:30**.

**Alternate timings** can be arranged upon request. The course can be held on a **date that suits you.**

## Location

Our **Microsoft Azure Fundamentals** course can be run at **our training venue** near **Liverpool Street (London)** or any preferred location in the **UK or Europe**. The training can also be **delivered Online Remotely using online training platforms**.

**Customised IT and Soft Skills training to suit your needs**

## MS-AZ900-2 Microsoft Azure Fundamentals Course Outline

### Module 1: Cloud Concepts

Why Cloud Services

Types of Cloud models

Types of Cloud services

### Module 2: Core Azure Services

Core Azure Architectural components

Core Azure Services and Products

Azure Solutions

Azure management tools

Lab : Walkthrough: Create a virtual machine

Lab : Walkthrough: Deploy Azure container instances

Lab : Walkthrough: Create a virtual network

Lab : Walkthrough: Create blob storage

Lab : Walkthrough: Create a SQL database

Lab : Walkthrough: Implement an Azure IoT Hub

Lab : Walkthrough: Implement Azure Functions

Lab : Walkthrough: Create a web app

Lab : Walkthrough: Create a VM with a Template

Lab : Walkthrough: Create a VM with PowerShell

Lab : Walkthrough: Create a VM with CLI

### Module 3: Security, Privacy, Compliance, and Trust

Secure network connectivity

Core Azure identity services

Security tools and features

Azure governance methodologies

Monitoring and reporting

Privacy, compliance, and data protection standards

Lab : Walkthrough: Secure network traffic

Lab : Walkthrough: Implement Azure key vault

Lab : Walkthrough: Create an Azure Policy

Lab : Walkthrough: Manage access with RBAC

Lab : Walkthrough: Manage resource locks

Lab : Walkthrough: Implement resource tagging

Lab : Walkthrough: Exploring the Trust Center

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

Azure subscriptions

Planning and managing costs

Azure Service Level Agreements (SLAs)

Service lifecycle in Azure

Lab : Walkthrough: Use the Azure Pricing Calculator

Lab : Walkthrough: Use the Azure TCO Calculator

Lab : Walkthrough: Calculate composite SLAs

Lab : Walkthrough: Access Azure Preview features

**Learning & Performance Institute**
Accredited Learning Provider
**Gold Standard**

psalltraining.com | info@psalltraining.com | 020 3696 2796