MECHATRON LEARNING HUB

a business unit of Mechatron Technologies

Course Name: Microsoft Certified: Azure Fundamentals (AZ-900)

Course Duration: 25-30 hours

Course Overview

Begin your journey to mastering cloud administration with our comprehensive Azure Administrator AZ-900 course. This training covers essential topics such as Azure Active Directory, governance, and administration, enabling you to effectively manage identities, compliance, and resources.

The Microsoft Certified: Azure Fundamentals (AZ-900) course is designed to provide foundational knowledge of cloud concepts and core Azure services. This certification is ideal for individuals who are new to Azure or cloud computing and want to demonstrate their understanding of basic cloud principles and Azure services..

Pre-requisites:

A basic understanding of M365 is sufficient to take this course.

Who Can Take This Course:

IT Professionals: Anyone with a keen interest in Azure or enthusiastic cloud users.
Administrators: Individuals with experience in network, system, or any form of administration.

Applicable Careers Include:

- Cloud Support Specialist
- Junior Cloud Administrator
- Azure Support Engineer
- IT Support Technician
- Cloud Sales Specialist
- Business Analyst
- Project Coordinator
- Azure Fundamentals Trainer
- Technical Support Specialist

Course Syllabus:

Module 1: Cloud Computing Introduction

Cloud computing delivers on-demand access to computing resources like servers, storage, and databases over the internet for scalability and cost-efficiency.

- What is Cloud Computing
- Cloud Characteristics
- Cloud Computing Service Models
- Deployment Models in Cloud Computing
- Basics of IP Addressing and Virtualization
- OSI Model and Types of Networks

Module 2: Getting Started with Azure

Leverage Microsoft Azure's free tier to experiment with its comprehensive cloud services (storage, computing, database) for cost-effective development and deployment in a scalable, online environment.

- Introduction to Azure
- Why, What and Benefits of Azure
- Azure Hosting Models
- Azure Services
- Subscribing to Microsoft Azure
- Azure Portals
- Azure Key Concepts
- Azure Resource Group

Module 3: Microsoft Azure Fundamentals: Describe cloud concepts

- This module introduces you to cloud computing. It covers things such as cloud concepts, deployment models, and understanding shared responsibility in the cloud.
- This module also introduces you to the benefits cloud computing can offer you or your organization.
- This module covers the different cloud service types and shares some of the use cases and benefits aligned with each service type.

Module 4: Microsoft Azure Fundamentals: Describe Azure architecture and services

- This module explains the basic infrastructure components of Microsoft Azure.
- Some of the computer services and networking services available within Azure.
- Storage in Azure
- some of the authorization and authentication methods available with Azure

A MSME REGISTERED STARTUP

Course Syllabus:

Module 5: Microsoft Azure Fundamentals: Describe Azure management and governance

- This module explores methods to estimate, track, and manage costs in Azure.
- This module also introduces you to tools that can help with governance and compliance within Azure.
- This module covers tools that help you manage your Azure and on-premises resources.
- This module also covers tools that you can use to monitor your Azure environment.

Further Opportunities after completing course

Placements

At Mechatron Learning Hub, we strive to provide the best possible free of cost placement assistance services for our students to have them explore job opportunities.

Free Voucher

After course completion, we will schedule an online proctored exam. If you pass the exam, you will be eligible to get a free voucher to book a Microsoft certification exam

Global Certification

Our team of experienced educators is passionate about helping students succeed. We assist our learners to complete their exam and achieve a good exam score.