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Introduction to Azure Fundamentals

Unlock the Power of Cloud with Azure Fundamentals!

DEFINITION

> Azure Fundamentals introduces the core concepts of Microsoft Azure, a cloud computing platform. It helps learners understand cloud services, deployment models, and Azure's benefits.

KEY CONCEPTS

Cloud Computing

Cloud computing delivers computing services over the internet, allowing on-demand access to resources.

Azure Services

Azure offers a wide range of services, including computing, storage, and networking solutions.

Deployment Models

Azure supports various deployment models like public, private, and hybrid clouds to meet different needs.

Security Features

Azure includes built-in security measures to protect data and applications in the cloud.

Pricing Structure

Understanding Azure's pricing helps manage costs and choose the right services for your needs.

EXAMPLES

→ Using Azure Virtual Machines for scalable computing power.

→ Storing data in Azure Blob Storage for easy access.

→ Implementing Azure Active Directory for user management.

MEMORY TIPS

★ Remember 'CASH' for Cloud, Azure, Security, and Hybrid models.

★ Visualize Azure as a toolbox with various tools for different tasks.

★ Think of Azure services as building blocks for creating applications.

COMMON MISTAKES

✗ Confusing public and private cloud definitions.

✗ Overlooking security features when deploying applications.

✗ Misunderstanding the pricing model leading to unexpected costs.

QUICK RECAP

Azure Fundamentals covers essential cloud concepts and services offered by Microsoft Azure. Focus on deployment models, security, and pricing to effectively utilize Azure's capabilities.