

### Day - 1

- **Welcome and Course Introduction**
  - Overview of the course structure
  - Objectives and expected outcomes
- **Introduction to Cloud Computing**
  - Exploring cloud computing concepts
  - Differences between Public, Private, and Hybrid clouds
- **Getting Started with Azure**
  - Overview of Azure services and architecture
  - Azure's Global Infrastructure and availability zones
- **Core Azure Services**
  - Deep dive into Azure compute services (Virtual Machines, App Services, Containers, Azure Kubernetes Service)
  - Overview of Azure Networking (Virtual Networks, VPN, Azure ExpressRoute)
- **Azure Storage Solutions**
  - Exploring different storage options (Blob, File, Queue, Disk, Data Lake Storage)
- **Azure Database Services**
  - Introduction to database options (Azure SQL, Cosmos DB, MySQL, PostgreSQL)
- **Azure Management Tools**
  - Navigating the Azure Portal
  - Introduction to Azure Resource Manager, Azure CLI, and PowerShell
- **End-of-Day Review and Q&A**
  - Recap of the day's topics
  - Interactive Q&A session

- **Azure Security Features**

- Network security, Identity services (Azure Active Directory), and Authorization mechanisms

- **Governance and Compliance in Azure**

- Policies and initiatives in Azure
- Understanding Azure's compliance offerings

- **Monitoring and Reporting in Azure**

- Tools and strategies for monitoring resources
- Insights and analytics with Azure Monitor and Azure Advisor

- **Azure Pricing and Support**

- Understanding Azure subscriptions and management groups
- Azure pricing calculator and cost management

- **AZ-900 Exam Preparation**

- Overview of exam format and content
- Tips and strategies for exam preparation

- **Practice Test and Discussion**

- Conducting a mock exam session
- Reviewing answers and clarifying doubts