

# How to Plan a Successful Microsoft Azure Migration Strategy



# Microsoft Azure

Microsoft Azure is a public cloud platform for accessing, managing, and storing data online. It offers storage, computing capabilities, and requires careful planning when deploying applications. Start by migrating apps with minor dependencies before addressing integration requirements for the rest.



# Azure Database Migration Service

Azure Database Migration Service (DMS) is a fully managed service offered by Microsoft as part of Azure that simplifies and accelerates migrating on-premises databases to Azure.

## One-time migration

Move a database to Azure once and leave it running in Azure.

## Lift and shift

Migrate an on-premises database to Azure and keep the same database engine running in Azure.

## Change the engine

Migrate an on-premises database to Azure but change the database engine running in Azure to a different one.

# Azure cloud migration steps

1. **Create a master plan.**
2. **Consult with Stakeholders**
3. **Evaluate the apps to be migrated**
4. **Assess the Total Cost of Ownership**



# Migrating Applications to Azure: Challenges and Solutions



- 01 Upgrading skills**
- 02 DevOps migration**
- 03 Data Security Risk**

# THANK YOU!

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