

# Azure Migrate and Modernize + Azure Innovate Resource Kit

Azure Migrate and Modernize and Azure Innovate are two offerings from Microsoft that help you adopt Azure across all stages of your journey—from migration to innovating with AI.

# Curated guidance to help you migrate, modernize, and innovate faster

Azure offers two solutions to support your end-to-end cloud journey:

**Azure Migrate and Modernize** helps you migrate and modernize your existing applications, data, and infrastructure to Azure.

**Azure Innovate** helps you with your advanced innovation needs, such as advanced analytics, infusing AI into your apps and experiences, and building custom cloud-native applications.

Both offerings include:

#### Comprehensive resources in one place

- Guidance with assessments, pilots, tools, and best-practice frameworks.
- In-depth assistance to design optimized workloads from start to finish.

#### Direct access to experts and funding

- Access to validated, specialized partners with advanced capabilities to help with all stages from planning to deployment.
- Microsoft-led delivery for rapid rehost migrations, and specialized partners for more complex workloads.
- Rich investments and funding across every stage, from planning to deployment to maximize savings.

#### Extensive coverage—from migration to innovation

- End-to-end coverage including migrating or modernizing Windows Server and SQL Server, Linux, Oracle, SAP, high-performance computing, analytics, AI, and more.
- Built for all, no matter the size of your business or industry.

This resource kit provides step-by-step guidance for you to plan and execute your move to the cloud across common scenarios.

# Common scenarios

From migration to innovation, choose the scenario that best fits your needs:

## Migrate Windows Server and SQL Server

For migrating Windows Server and SQL Server to Azure, including hybrid deployment.

## Migrate SAP

For SAP-native environments, SAP HANA migration and greenfield SAP deployments, and SAP RISE.

## Migrate enterprise applications

For .NET and Java applications migrating to Azure App Service.

## Build and modernize intelligent apps

For AI integration of apps using Azure Kubernetes Service (AKS), Cosmos DB, and Azure AI services.

## Develop cloud-scale analytics

For Azure Databricks, Microsoft Fabric, Azure Synapse Analytics, and Power BI—migrate and modernize your data and analytics.

## Accelerate developer productivity

For Azure DevOps and GitHub product suites, Microsoft Visual Studio, and Microsoft Dev Box.

# Azure Migrate and Modernize for Windows Server and SQL Server



# Migrate Windows Server and SQL Server

## Phase

- **Assess and plan**
- Migrate and modernize

### Know your cloud adoption goals

First, define your business goals. What's driving your move to the cloud? Consider whether you need faster time to market, lower costs, the ability to quickly scale web applications and infrastructure, or to be more secure, compliant, and AI-ready.

- Explore [common business outcomes](#).
- Use the [business outcome template](#).

### Create your cloud business case

- Use [Azure Migrate](#) to discover and assess on-premises workloads. Use the built-in business case feature to model your potential cost savings in Azure.
- Explore pricing options for virtual machines and databases in the [Azure pricing calculator](#).

### Get expert help

Connect with your Microsoft sales representative or your preferred partner so your project can be delivered quickly and confidently.

- [Get in touch](#)

### Run a pilot or proof of concept

Deploy an initial workload to Azure, test its capabilities, and get technical validation.

- [Migrate Windows Server or Linux](#).
- [Migrate SQL Server](#).

### Build your team's skills

Get your team ready for new technology and organizational change. Check out the free training available on Microsoft Learn, including Azure Fundamentals, scenario learning paths, and Azure certifications.

#### Learning paths

- [Manage Windows Servers and Workloads in a Hybrid Environment](#)
- [Linux on Azure](#)
- [Azure SQL Fundamentals](#)

#### Azure certifications

- [Azure Administrator Associate](#)
- [Windows Server Hybrid Administrator Associate](#)
- [Azure Database Administrator Associate](#)

# Migrate Windows Server and SQL Server

## Phase

- Assess and plan
- **Migrate and modernize**

### Build your landing zone

A properly designed Azure landing zone will ensure your new workloads are secure and well-managed. It should consist of setting up subscriptions, identity, networking, management, security, and governance policies. Use the guidance from the Cloud Adoption Framework for Azure to plan your landing zone.

- Get [landing zone guidance](#).

### Migrate your workloads to Azure

- Use the [Azure migration guide](#) to understand the best approach to migrating at scale.
- Use Azure Migrate to streamline migration of [VMware](#) to Azure.

### Run an Azure Well-Architected review

Check the reliability, cost management, operational excellence, security, and performance of your workloads now running in Azure.

- Start the [Azure Well-Architected review](#).



- [Cloud Migration: Tips and tricks for migrating Windows and SQL Server workloads](#)
- [The Ultimate Guide to VMware Migration and Modernization on Azure](#)
- [Innovate Anywhere with Azure Arc](#)

# Azure Migrate and Modernize for SAP



# Migrate SAP

## Phase

- **Assess and plan**
- Migrate and modernize

### Know your cloud adoption goals

First, define your business goals for your SAP environment. Consider whether you need better agility, more insights from your data, or more business process automation.

- Learn about the [strategic impact of SAP in the cloud](#).
- Use the [business outcome template](#).

### Create your cloud business case

- Work with Microsoft account teams and partners to assess your SAP environment.
- Explore pricing options for SAP using the [Azure pricing calculator](#).

### Get expert help

Connect with your Microsoft sales representative or your preferred partner so your project can be delivered quickly and confidently.

- [Get in touch](#)

### Run a pilot or proof of concept

Deploy an initial workload to Azure, test its capabilities, and get technical validation.

- Use the [SAP on Azure: Planning and deployment checklist](#).

### Build your team's skills

Get your team ready for new technology and organizational change. Check out the free training available on Microsoft Learn, including Azure Fundamentals, scenario learning paths and Azure certifications.

#### Learning paths

- [Microsoft Learn for SAP Solutions](#)
- [SAP on Azure Training Videos](#)

#### Azure certifications

- [Azure for SAP Workloads Specialty](#)

# Migrate SAP

## Phase

- Assess and plan
- **Migrate and modernize**

### Build your landing zone

A properly designed Azure landing zone will ensure your new workloads are secure and well-managed. It should consist of setting up subscriptions, identity, networking, management, security, and governance policies. Use the guidance from the Cloud Adoption Framework to plan your landing zone.

- Learn about [Azure landing zones for SAP on Azure](#).

### Migrate your workloads to Azure

- Use the guidance to [migrate an SAP platform to Azure](#).

### Run an Azure Well-Architected review

Check the reliability, cost management, operational excellence, security, and performance of your workloads now running in Azure.

- Start the [Azure Well-Architected review](#).



- [17 Lessons Learned Migrating SAP to the Cloud](#)
- [Transform with RISE with SAP on Microsoft Azure](#)

# Azure Migrate and Modernize for enterprise applications



# Migrate enterprise applications

## Phase

- **Assess and plan**
- Migrate and modernize

### Know your cloud adoption goals

First, define your business goals for running your applications on a modern platform. Consider whether you need more scalability, easier management, or even the ability to release code faster.

- Explore [common business outcomes](#).
- Use the [business outcome template](#).

### Create your cloud business case

- Use [Azure Migrate](#) to discover and assess on-premises workloads. Use the built-in business case feature to model your cost savings in Azure.
- Explore pricing options for Azure App Service in the [Azure pricing calculator](#).
- Read the blog:
  - [Optimize the cost of .NET and Java application migration to Azure cloud](#).

### Get expert help

Connect with your Microsoft sales representative or your preferred partner so your project can be delivered quickly and confidently.

- [Get in touch](#)

### Run a pilot or proof of concept

Deploy an initial workload to Azure, test its capabilities, and get technical validation. These resources provide developer-focused implementation guides following established web app patterns.

- [Migrate an app to Azure App Service](#).
- Learn about [reliable web app patterns](#) in the Azure Architecture Center.

### Build your team's skills

Get your team ready for new technology and organizational change. Check out the free training available on Microsoft Learn, including Azure Fundamentals, scenario learning paths and Azure certifications.

#### Learning paths

- [Modernize .NET and Java Apps](#)
- [Migrate ASP.NET Apps to Azure](#)
- [Getting Started with Java on Azure](#)
- [Cloud Skills Challenge: Azure Developer](#)

#### Azure certifications

- [Azure Developer Associate](#)

# Migrate enterprise applications

## Phase

- Assess and plan
- **Migrate and modernize**

### Build your landing zone

A properly designed Azure landing zone will ensure your new workloads are secure and well-managed. It should consist of setting up subscriptions, identity, networking, management, security, and governance policies. Use the guidance from the Cloud Adoption Framework to plan your landing zone.

- Get [landing zone guidance](#).

### Run an Azure Well-Architected review

Check the reliability, cost management, operational excellence, security, and performance of your workloads now running in Azure.

- Start the [Azure Well-Architected review](#).

### Migrate your workloads to Azure

- Use the guidance to [migrate .NET web apps](#).
- Use the guidance to [migrate Java apps](#).
- Use Azure Migrate to streamline [migration of web apps](#) to Azure.



➤ [5 Benefits of Migrating Your ASP.NET Apps to the Cloud](#)

➤ [How to Choose the Right Azure Services for Your Applications](#)

# Azure Innovate for building and modernizing intelligent apps



# Build and modernize intelligent apps

## Phase

- **Plan**
- Deploy

### Know your business strategy

First, define your business goals. Consider what you're trying to achieve and how AI can improve your existing applications or assist with developing new intelligent applications—whether it's improving customer or employee experience, productivity, revenue growth, or other key measures.

- Learn how to [create business value with AI](#).
- [Identify business outcomes](#) for your transformation.
- Discover how to [build a foundation for AI success](#).

### Create your business case

Define and prioritize business objectives, use cases, and how to measure value by modernizing your applications with AI.

- Explore pricing options for Azure Container services, Azure AI, and Azure database services like Azure Cosmos DB in the [Azure pricing calculator](#).

### Get expert help

Connect with your Microsoft sales representative or your preferred partner so your project can be delivered quickly and confidently.

- [Get in touch](#)

### Run a pilot or proof of concept

Deploy an initial workload to Azure, test its capabilities, and get technical validation.

- [Deploy a multi-container application to AKS](#).
- [Deploy an application that uses OpenAI on AKS](#).
- [Deploy and run an Azure OpenAI ChatGPT application on AKS via Terraform](#).

### Build your team's skills

Get your team ready for new technology and organizational change. Check out the free training available on Microsoft Learn, including Azure Fundamentals, scenario learning paths and Azure certifications.

#### Learning paths

- [Develop GenAI Solutions with Azure AI Service](#)
- [Develop and Deploy Applications on Kubernetes](#)
- [Integrate Azure Cosmos DB for NoSQL with Azure Services](#)
- [Build Serverless, Full Stack Applications in Azure](#)
- [Create Serverless Apps](#)

#### Azure certifications

- [Azure Developer Associate](#)
- [Azure AI Engineer Associate](#)

# Build and modernize intelligent apps

## Phase

- Plan
- **Deploy**

### Execute deployment

A properly executed deployment will ensure your new workloads are secure and well-managed.




- Use guidance from Microsoft to plan your successful deployment:
  - [Deploy Azure AI services in containers](#)
  - [Kubernetes in the Microsoft Cloud Adoption Framework for Azure](#)
  - [AKS Landing Zone Accelerator](#)
  - [Container and AI solutions](#)

### Run an Azure Well-Architected review

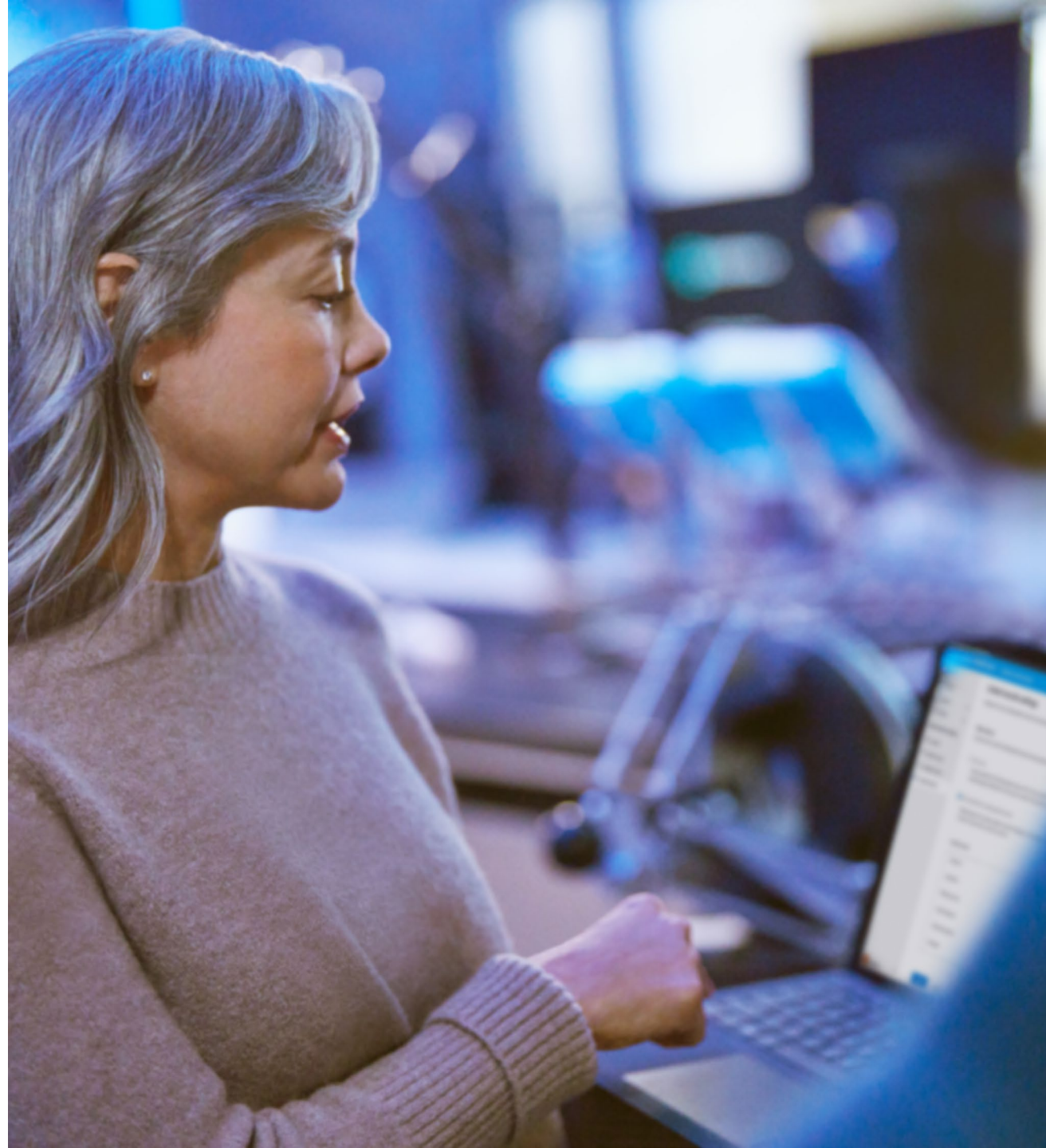
Check the reliability, cost management, operational excellence, security, and performance of your workloads now running in Azure.

- Start the [Azure Well-Architected review](#).



-  [Introduction to Kubernetes on Azure](#)
-  [Create cloud-native apps with Azure and open-source software](#)
-  [Deploy an application that uses OpenAI on AKS](#)

# Azure Innovate for cloud-scale analytics



# Develop cloud-scale analytics

## Phase

- **Plan**
- Deploy

### Know your cloud analytics strategy

Prioritize your business outcomes, determine how to unlock strategic value, and develop business-aligned objectives through your defined data strategy.

- Ensure you're creating [the most value from AI for your business](#).

### Create your business case

Define and prioritize business objectives, use cases, and how using cloud-scale analytics on Azure will measure value.

- Explore pricing options for analytics services in the [Azure pricing calculator](#).

### Get expert help

Connect with your Microsoft sales representative or your preferred partner so your project can be delivered quickly and confidently.

- [Get in touch](#)

### Run a pilot or proof of concept

Deploy an initial workload to Azure, test its capabilities, and get technical validation.

- Review the [Azure Synapse proof of concept playbook](#).
- Start to explore how you can [enable Microsoft Fabric for your organization](#).
- Get started with [deployment pipelines](#).
- Build an [end-to-end data pipeline in Databricks](#).

### Build your team's skills

Get your team ready for new technology and organizational change. Check out the free training available on Microsoft Learn, including Azure Fundamentals, scenario learning paths and Azure certifications.

#### Learning paths

- [Azure Data Fundamentals: Explore Data Analytics in Azure](#)
- [Implement a Lakehouse with Microsoft Fabric](#)
- [Data Engineering with Azure Databricks](#)

#### Azure certifications

- [Azure Enterprise Data Analyst Associate](#)
- [Azure Data Engineer Associate](#)
- [Customer Data Platform Specialty](#)

# Develop cloud-scale analytics

## Phase

- Plan
- **Deploy**

### Execute deployment

A properly executed deployment will ensure your new workloads are secure and well-managed.

- Use guidance from Microsoft to plan your successful deployment:
  - [Ingest Data with Dataflows Gen2 in Microsoft Fabric](#)
  - [Prepare data for analysis with Power BI](#)

### Run an Azure Well-Architected review

Check the reliability, cost management, operational excellence, security, and performance of your workloads now running in Azure.

- Start the [Azure Well-Architected review](#).



- [Cloud-scale analytics](#)
- [Analytics architecture design](#)
- [Modern analytics architecture with Azure Databricks](#)

# Azure Innovate to accelerate developer productivity



# Accelerate developer productivity

## Phase

- **Plan**
- Deploy

### Know your developer productivity strategy

First, identify your vision and goals. What are the critical success factors? Consider the unique needs within the organization and across departments.

- Ensure you're [creating the most value from AI for your business](#).
- Learn how [GitHub accelerates cloud adoption](#).

### Create your business case

Identify the problem statement, define the goals, quantify the benefits, create a budget, and determine measures of success.

- Explore pricing options for developer tools in the [Azure pricing calculator](#).
- Explore pricing options for GitHub on the [GitHub pricing page](#).

### Get expert help

Connect with your Microsoft sales representative or your preferred partner so your project can be delivered quickly and confidently.

- [Get in touch](#)

### Run a pilot or proof of concept

Deploy an initial workload to Azure, test its capabilities, and get technical validation.

- [Build applications with Azure DevOps](#).
- [Manage the lifecycle of your projects on GitHub](#).

### Build your team's skills

Get your team ready for new technology and organizational change. Check out the free training available on Microsoft Learn, including Azure Fundamentals, scenario learning paths and Azure certifications.

#### Learning paths

- Azure DevOps: [Get Started](#), [Build Applications](#), and [Deploy Applications](#)
- [GitHub Fundamentals: Administration Basics and Product Features](#)
- [Automate Your Workflow with GitHub Actions](#)
- [Implement CI with Azure Pipelines and GitHub Actions](#)
- [Implement a Secure Continuous Deployment Using Azure Pipelines](#)

#### Azure certifications

- [Azure DevOps Engineer Expert](#)

# Accelerate developer productivity

## Phase

- Plan
- **Deploy**

### Execute deployment

A properly executed deployment will ensure your new workloads are secure and well-managed.

- Use guidance from Microsoft to plan your successful deployment:
  - [Deploy applications with Azure DevOps](#)
  - [GitHub fundamentals: Administration basics and product features](#)

### Run an Azure Well-Architected review

Check the reliability, cost management, operational excellence, security, and performance of your workloads now running in Azure.

- Start the [Azure Well-Architected review](#).



- [Get started on a DevOps transformation journey](#)
- [Manage the lifecycle of your projects on GitHub](#)
- [Build community-driven software projects on GitHub](#)

# Azure Migrate and Modernize + Azure Innovate



[Contact Microsoft Sales or your preferred partner](#)