

Migrate IIS Workloads to Azure



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Overview



Migrate IIS workloads

To Azure Web Apps

To Docker containers



Windows Server 2022: Migrate Servers and Workloads

Migrate On-Premises Storage on Windows Server

Migrate On-Premises Servers to Azure

Migrate Workloads to Windows Server 2022

Migrate IIS Workloads to Azure

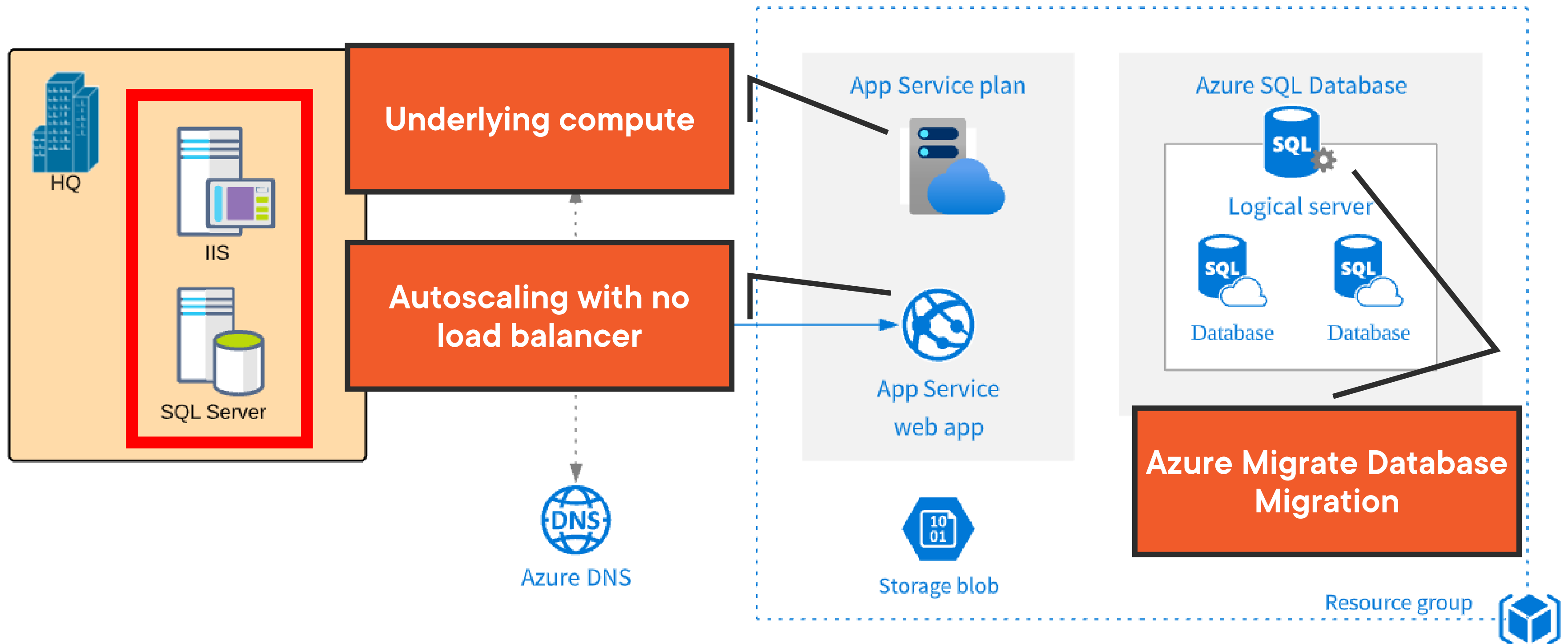
Migrate an AD DS Infrastructure to Windows Server 2022 AD DS



Migrate IIS Web Apps to Azure App Service



Azure App Service



Platform-as-a-Service (PaaS)



App Service Migration Assistant



Windows desktop app that assesses your IIS web app's suitability for Azure App Service

The assessment evaluates:

- Port bindings, protocols, certificates
- Authentication protocols
- App settings & connection strings

ASP.NET and PHP are supported now

The Assistant can perform the migration as well

- Data Migration Assistant (DMA)



App Migration Process Overview

**Install Azure
App Service
Migration
Assistant**

**Perform an
assessment**

**Correct any
warnings and
errors**

**Deploy App
Service from
template**

**Custom App
Service
settings**

**Monitor app
availability,
security, and
performance**



Demo



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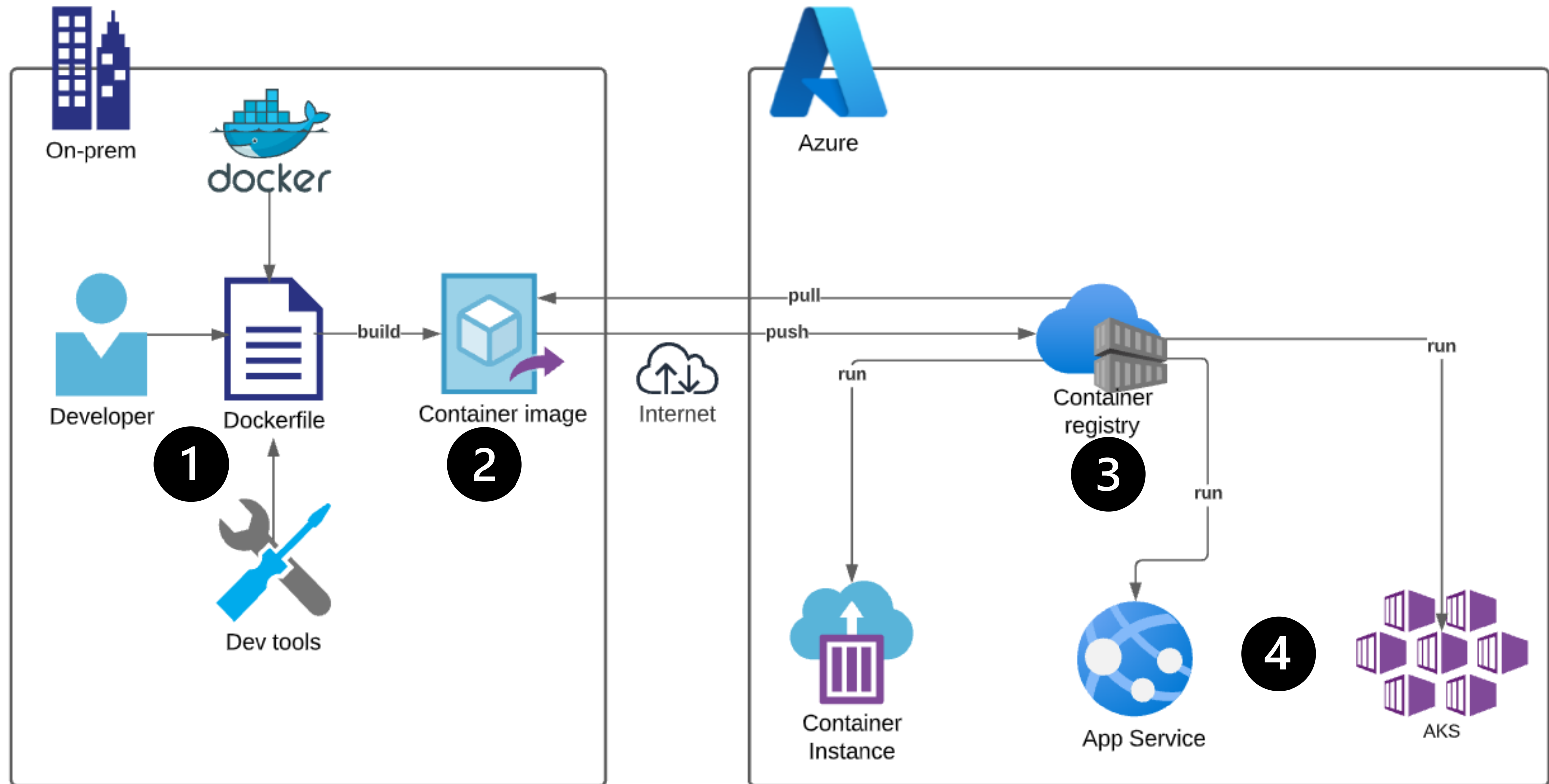
App Service Migration Assistant



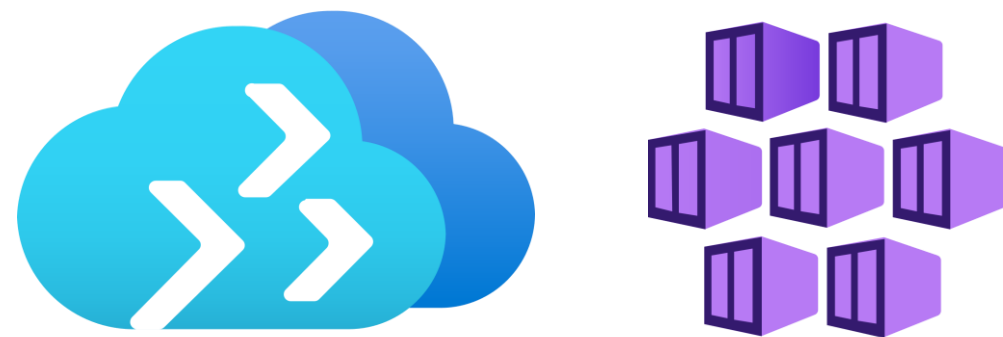
Migrate IIS Web Apps to Azure Kubernetes Service



Microsoft Azure / Docker Ecosystem



Azure Migrate: App Containerization



Trends:

- Microservices architecture
- Docker containers

Supports ASP.NET and Java applications to Windows or Linux containers running on

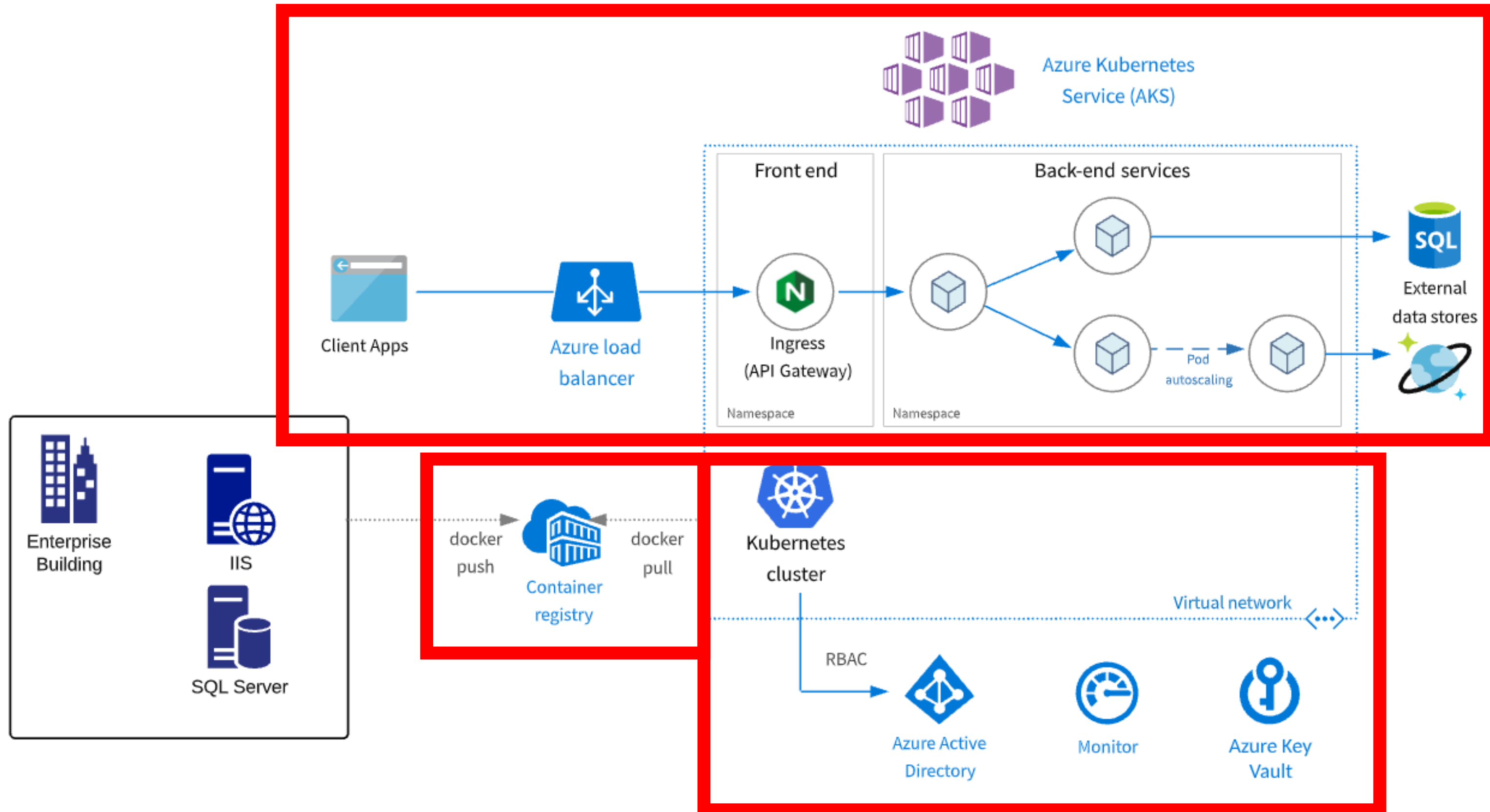
- App Service
- AKS

Tool performs these actions:

- Discover app components
- Build container image
- Deploy image to AKS or App Service



AKS Reference Topology



Demo



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Azure Migrate App Containerization



Summary



Many IT trends fizzle out, but microservices and containers are here to stay

Experimenting with app containerization makes you much more valuable to your employer

Lead: "Our AD environment is way too bloated. Does Microsoft have a whiz-bang tool to help us consolidate?"



Up Next:

Migrate an AD DS Infrastructure to
Windows Server 2022 AD DS

