

# Azure Arc Management



# 4-Weeks Proof of Concept

Master possibilities and advance adoption of multi-cloud and cloud-centered infrastructure management with Informatika and Microsoft **Azure Arc**.





# Microsoft Azure Arc Solution

## What **Azure Arc** service offers?

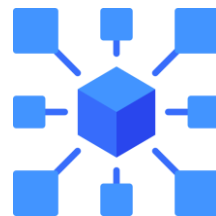
Non-Azure  
resources  
onboarding



Platforms  
connecting



Centralized  
managing



Application  
modernization





# Overview

## Assignment:

Connecting multiple different resources together under one common management service. In that architecture to manage all platforms and resources simplified.

Optimizing and automating capabilities, managing at scaling.

Security and modernization of application tasks.

## Goals:

With Microsoft Azure Arc service onboarding non-Azure resources with Azure ones and linking them under one console.

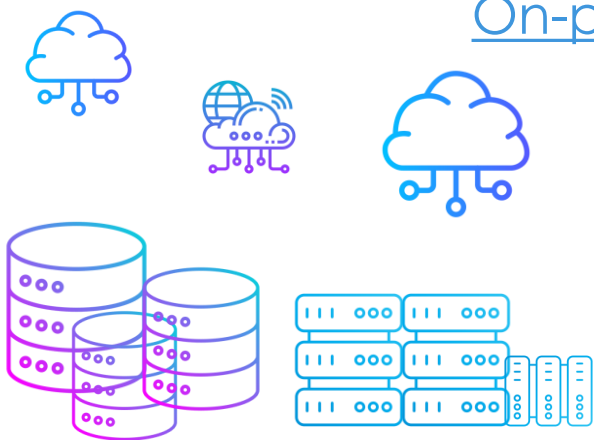
Taking benefits of other Azure services to improve security and modernization options.

Simplified infrastructure for managing and monitoring.



# Infrastructure

On-premises



Multi-cloud



Edge



Azure Arc



# Azure Arc Management

With **Azure Arc** customers will get for their organization:

- ▶ Running Azure data services anywhere
  - ▶ Ensuring consistent deployment and configuration
    - ▶ Simplifying application modernization and digital transformation
      - ▶ Opportunity to connect with other Azure cloud services
        - ▶ Azure hybrid and multi-cloud management and security may be extended to any infrastructure





# Different resources onboarding

## Arc-enabled servers



- Built-in Azure policies for servers: organizations will be able for searching and viewing noncompliant servers
- Centralized server management console across different environments: Windows and Linux virtual machines, clouds,...

## Arc-enabled Kubernetes



- Built-in Kubernetes Gatekeeper policies and inventory: adding to the container platform of organization's choice
- Created GitOps configurations for keeping Kubernetes clusters in sync and automatization of updates for deployments






## Arc-enabled data services



- Arc-enabled data services can be executed on premises, in multicloud environments, or on any Kubernetes distribution.
- Data services like Azure SQL or PostgreSQL can be Arc-enabled



# Azure cloud services mesh

- Azure Machine Learning 
- Azure Event Grid 
- Azure Stack HCI 
- Azure App Service 
- Microsoft Defender for Cloud 
- Azure Lighthouse 