

Customer environments and application requirements are evolving

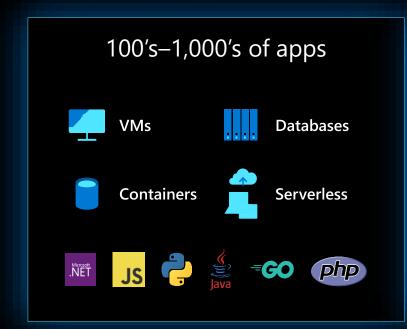
Single control plane with Azure Arc

How to govern and operate across disparate environments?

How to ensure security across the entire organization?

How to best enable innovation and developer agility?

How to meet regulatory requirements and overcome technical hurdles?

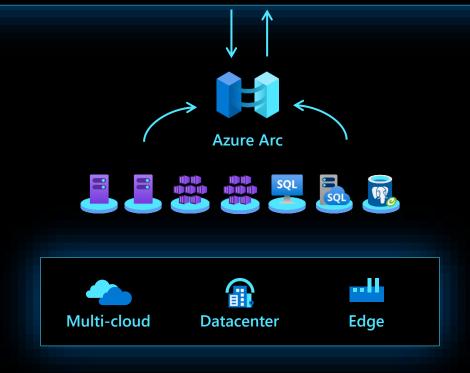


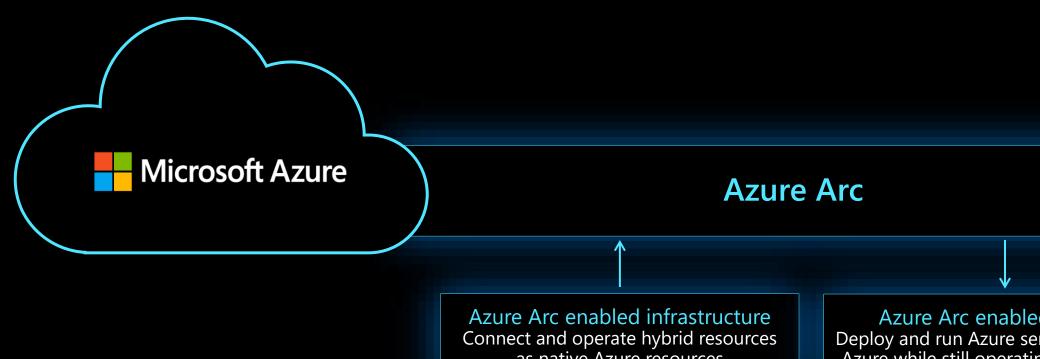






Manage & Operate your infrastructure from the Azure control plane and run Azure services on your infrastructure

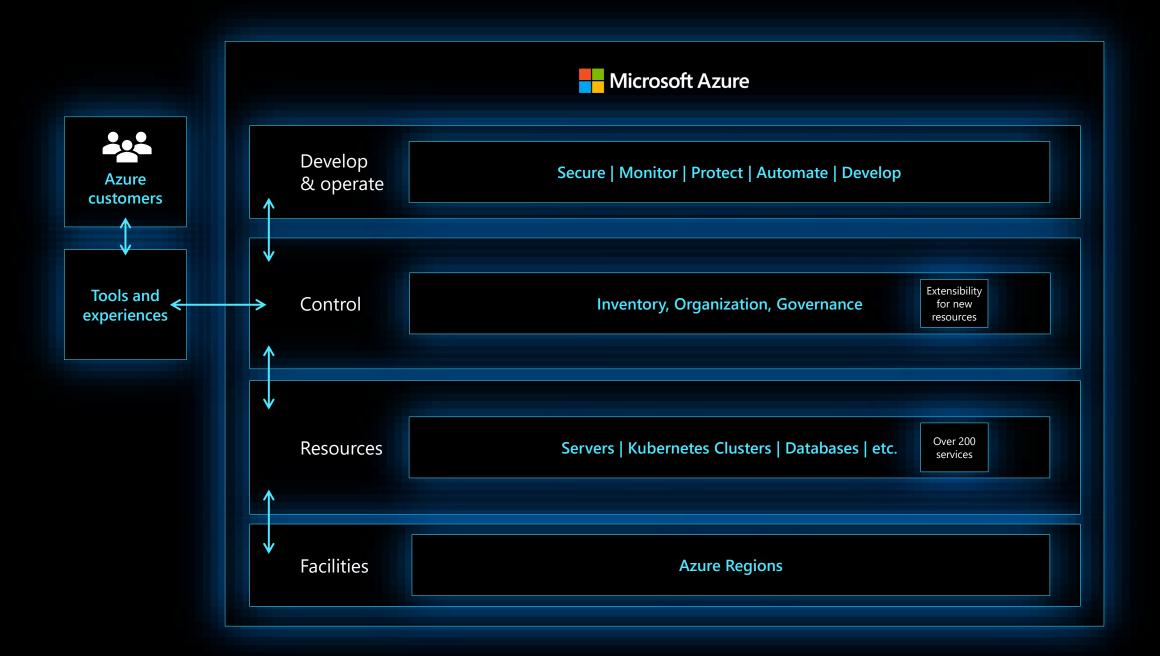


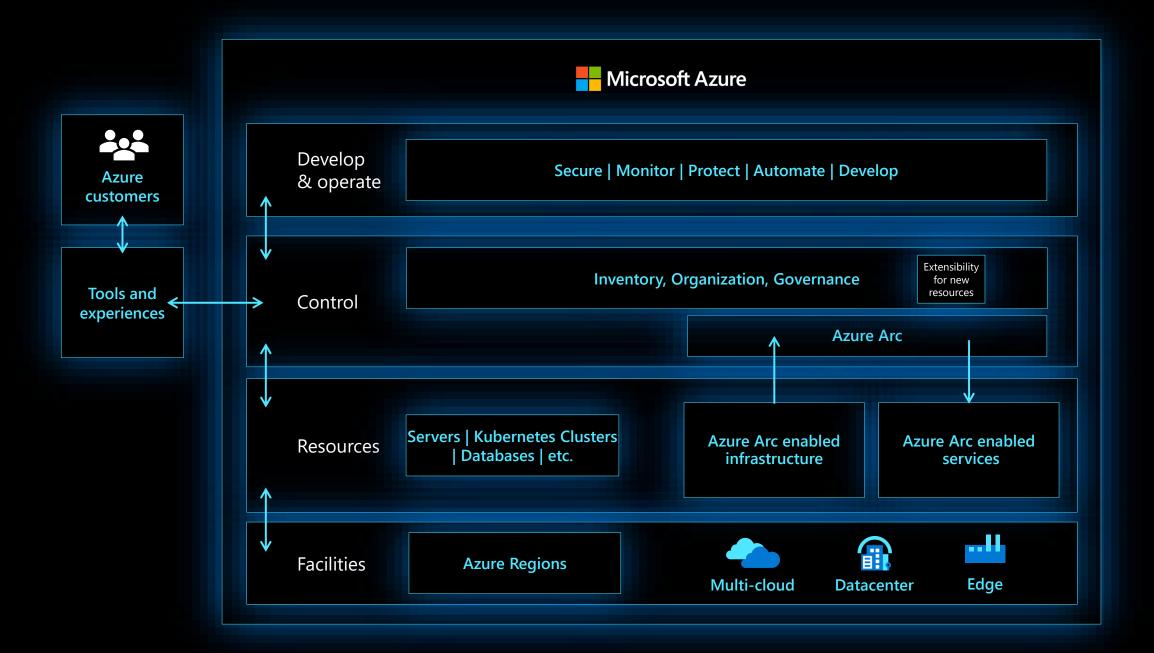


Connect and operate hybrid resources as native Azure resources

Azure Arc enabled services Deploy and run Azure services outside of Azure while still operating it from Azure







Azure Arc enabled infrastructure

Bring on-premises and multi-cloud infrastructure to Azure with Azure Arc







Azure Arc enabled servers

Bring on-premises and multi-cloud servers to Azure with Azure Arc



Reach

Linux and Windows VM and Bare-Metal Domain agnostic



Organize and Inventory

At scale searchable inventory
Unify management experience
Consistent VM extensions
Integrate with Azure Lighthouse



Governance and Security

Built-in Azure policies Server security baselines Compliance across environments



Role-Based Operations

Central IT to manage at-scale operations Workload owners manage

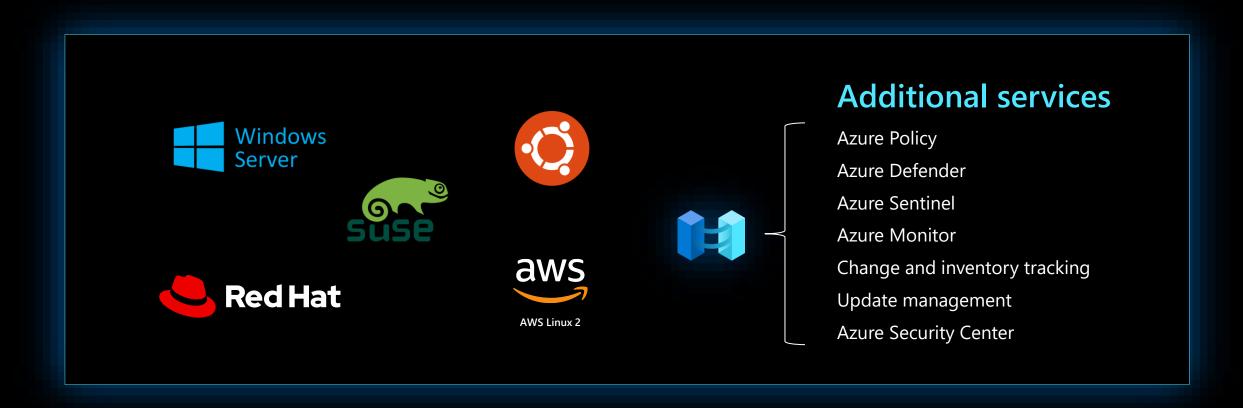
Workload owners manag based on their access





Azure Arc enabled servers

Azure Arc enabled servers are auto-enrolled with additional Azure services



Just turn them on when you want to use them

Azure Arc enabled Microsoft SQL Server

Data management benefits for Azure Arc enabled servers



Azure Arc enabled Kubernetes

Now in Preview

Connect, manage, and operate Kubernetes clusters and applications running anywhere using Azure Arc



Connect

Support for multiple flavors Deploy to an existing cluster OSS ecosystem friendly



Configure

Configure GitOps workflows Enforce desired state across clusters Cluster & Namespace support



Operate and Monitor

Azure Monitor Integration Health status reporting Cluster & App observability



Govern and Secure

Built-in Azure Policies Cluster security baseline Role-Based Access Control Compliance across environments



Any infrastructure, any Kubernetes



AKS











VMware Tanzu

OpenShift

Azure Arc enabled data services

Bring Azure data services to on-premises, multi-cloud, and edge with Azure Arc

Now in preview

Azure Arc enabled SQL Managed Instance

Now in preview

Azure Arc enabled PostgreSQL Hyperscale



Always current

Automated updates

Evergreen SQL

PostgreSQL Hyperscale onpremises



Elastic scale

Deploy in seconds
Scale up, scale out
Automation at scale



Unified management

Single view for on-premises and clouds
Use familiar tools



Unmatched security

Advanced Data Security

Azure Policy

Role-based Access Control



Cloud billing

Cloud billing on-premises

Cost efficiency







Updates

Updates: Azure Arc enabled servers

New in November

Public Preview

- Alerts for Azure Arc enabled servers
- Azure Key Vault extension
- Azure Defender vulnerability assessment (Qualys extension)

Private Preview

Azure Monitor Agent extension

Coming soon

- Private Link
 Instructions will be sent to survey respondents by end of month
- Windows Server 2008 R2 support

Resources

- https://aka.ms/arc/server
- https://aka.ms/arc/privatelinkpreview

Contact

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Updates: Azure Arc enabled Kubernetes

New in November

Public Preview

- Outbound proxy support
- All Azure Arc agents fetched from MCR

Private Preview

- Cluster Extensions
- Cluster Connect
- AAD Cluster AuthN/AuthZ

Coming soon

GitOps for Arc and AKS clusters

Resources

- https://aka.ms/cluster-connect-extensionssign-up
- https://aka.ms/aad-rbac-sign-up-form

Contact

Jason Hansen < jahanse@microsoft.com >



GitOps Demo

Chris Sanders – Program Manager, Azure Arc

Get started

Azure Arc enabled servers is now generally available, get started today: https://aka.ms/Azure-Arc
Try Azure Arc enabled Kubernetes, in preview: https://aka.ms/Azure-Arc-Kubernetes
Try Azure Arc enabled data services, in preview: https://aka.ms/hybrid-data-services

Learn more

Azure Arc Jumpstart: https://aka.ms/AzureArcJumpstart
Technical documentation: https://aka.ms/AzureArcLearn
Azure Arc Learning Path: https://aka.ms/AzureArcLearn



Resources

Azure Arc all up overview

aka.ms/arc-introvideo

Introducing Azure Arc

aka.ms/azurearcpricing

Azure Arc pricing page

aka.ms/arc-techcommunity

Deep dives on Azure Arc, best practices and more

<u>aka.ms/arc-customerstories</u>

Learn how other customers are implementing Azure Arc

https://aka.ms/arc-feedback

Public Q&A forum

AzureArcContact@microsoft.com

Ask to be added to a common Teams site and monthly call with engineering

Azure Arc enabled Kubernetes & servers

aka.ms/arc-blog

Azure Arc: Extending Azure management to any infrastructure

aka.ms/arc-k8svideo

Kubernetes—Managing K8 clusters outside of Azure with Azure Arc

aka.ms/arc-serversvideo

Server management—Organize all your servers outside of Azure with Azure Arc

<u>aka.ms/arc-serversdocs</u>

Documentation for Azure Arc enabled servers

aka.ms/arc-k8sdocs

Documentation for Azure Arc enabled Kubernetes

aka.ms/AzureArcJumpstart

Azure Arc "Jumpstart" GitHub repository

Azure Arc enabled data services

aka.ms/arc-datablog

Blog – Run Azure data services on-premises, at the edge, and multi-cloud with Azure Arc

aka.ms/arc-data-mechanicsvideo

Demos on Azure Arc enabled data services, including SQL and PostgreSQL

aka.ms/arc-data-ignitevideo

Ignite 2020 session—Bring Azure data services to on-premises, multi-cloud and edge

aka.ms/arc-datadocs

Documentation for Azure Arc enabled data services

