Microsoft Azure Arc

Innovate anywhere with Azure
Customer environments are evolving

100’s-1,000’s of apps
- VMs
- Containers
- Databases
- Serverless
- .NET
- JS
- Python
- Java
- Go
- PHP

Diverse infrastructure
- Datacenters
- Hosters
- Branch offices
- OEM hardware
- IoT devices
- Edge

Multicloud
- Microsoft Azure
- AWS
- Google Cloud
- Oracle
- IBM Cloud
Reasons for a hybrid and multicloud strategy

- Regulatory and data sovereignty
- Low latency and edge workloads
- Application and datacenter modernization
- Business continuity and resilience
- Freedom to use more than one public cloud
Innovate anywhere with Azure

Secure, Develop and Operate anywhere

Azure control plane → Azure Arc

Application services → Arc-enabled Application services
Data services → Arc-enabled Data services
Azure VMs, AKS, Kubernetes → Arc enabled Servers, AKS-HCI, Kubernetes

Azure Stack HCI
vmware
aws

Azure
69 regions worldwide

Anywhere
On-premises, Multicloud and edge
Innovation anywhere with Azure

Hybrid and multicloud

0. Migrate to Azure

Single control plane with Azure Arc

1. Unified operations and management with Azure Arc

Bring Azure services to any infrastructure

2. Build cloud native apps and run Azure services anywhere

3. Modernize your data estate with Azure data services

Hybrid infrastructure for datacenters and edge

With Azure Stack

4. Modernize datacenter and edge locations with Azure Stack HCI
Unified operations and management with Azure Arc

Organize and Inventory

Monitor and Update

Govern and Secure

"The organization can run a workload wherever it makes sense for the workload to run and still use Azure services. Now you can use the data to tell you where that workload should run, whether that be on-premises, in Azure, in another third-party cloud, or at the edge."

Mike DeLuca: Global Lead for Hybrid

"I really like the SQL version control, which helps reduce the time that senior administrators must spend upgrading all those different versions. I’m also excited about the benefits we’ll get for backup, data retention, patching, and automation."

Kristina Melo: SQL Server Database Administrator

Azure Arc-enabled servers

SQL Server on Azure Arc-enabled servers

Azure Arc-enabled Kubernetes
Build cloud native apps anywhere, at scale

Any infrastructure, any Kubernetes

Deploy apps consistently to all your Kubernetes clusters

Use familiar tools and cloud native practices

Automated cluster security conformance

GENERALY AVAILABLE

Azure Arc-enabled Kubernetes

"Azure Arc is a game-changer for us. It gives our customers choices and enables the continuous delivery of Kubernetes workloads from the cloud to the edge, at scale and as a service."

Thomas Gossler, Chief Architect for teamplay

GENERALY AVAILABLE

AKS on Azure Stack HCl

"For its Kubernetes customers, Fujitsu will now be able to use Azure Arc-enabled Kubernetes to extend Kubernetes configuration and workload management to on-premises environments, so far-flung factories and branch offices will be able to deploy new AI algorithms and other microservices sooner."

Fujitsu
Run Azure services anywhere

Any Kubernetes, anywhere

Innovate rapidly

Operate efficiently

Unified management

Azure Arc-enabled SQL
Managed Instance

Azure Arc-enabled Machine Learning
Azure Arc-enabled PostgreSQL Hyperscale
Azure Arc-enabled application services
Modernize your data estate with Azure data services

Any infrastructure, any Kubernetes

Always current
As-a-Service
Elastic scale
Unified management

Support for all connectivity modes

**Generally Available**
Azure Arc-enabled SQL Managed Instance

**Preview**
Azure Arc-enabled PostgreSQL Hyperscale

“Azure Arc-enabled SQL Managed Instance is providing us worry-free and maintenance-free SQL operations. These types of services provide us a tremendous jumpstart into digitalization”

Sven Vollbehr: Head of Digital Manufacturing

SKF
Azure Arc-enabled Infrastructure with AIS
Bring on-premises and multi-cloud infrastructure to Azure with Azure Arc

Azure Arc-enabled Servers
Organize, inventory, and monitor
Governance and Security
Simplified role-based operations,
Physical, Virtual, Windows, Linux.

Azure Arc-enabled SQL Servers
Organize, inventory, and monitor
Governance and Security
Use with your existing SQL servers
Free SQL assessment.

Azure Arc-enabled Kubernetes
Organize, inventory, and monitor
Governance and Security
Monitoring and Policy
GitOps-based zero-touch deployment.