Azure Arc

Hybrid and multi-cloud management and solutions

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AZURE ARC

Definition
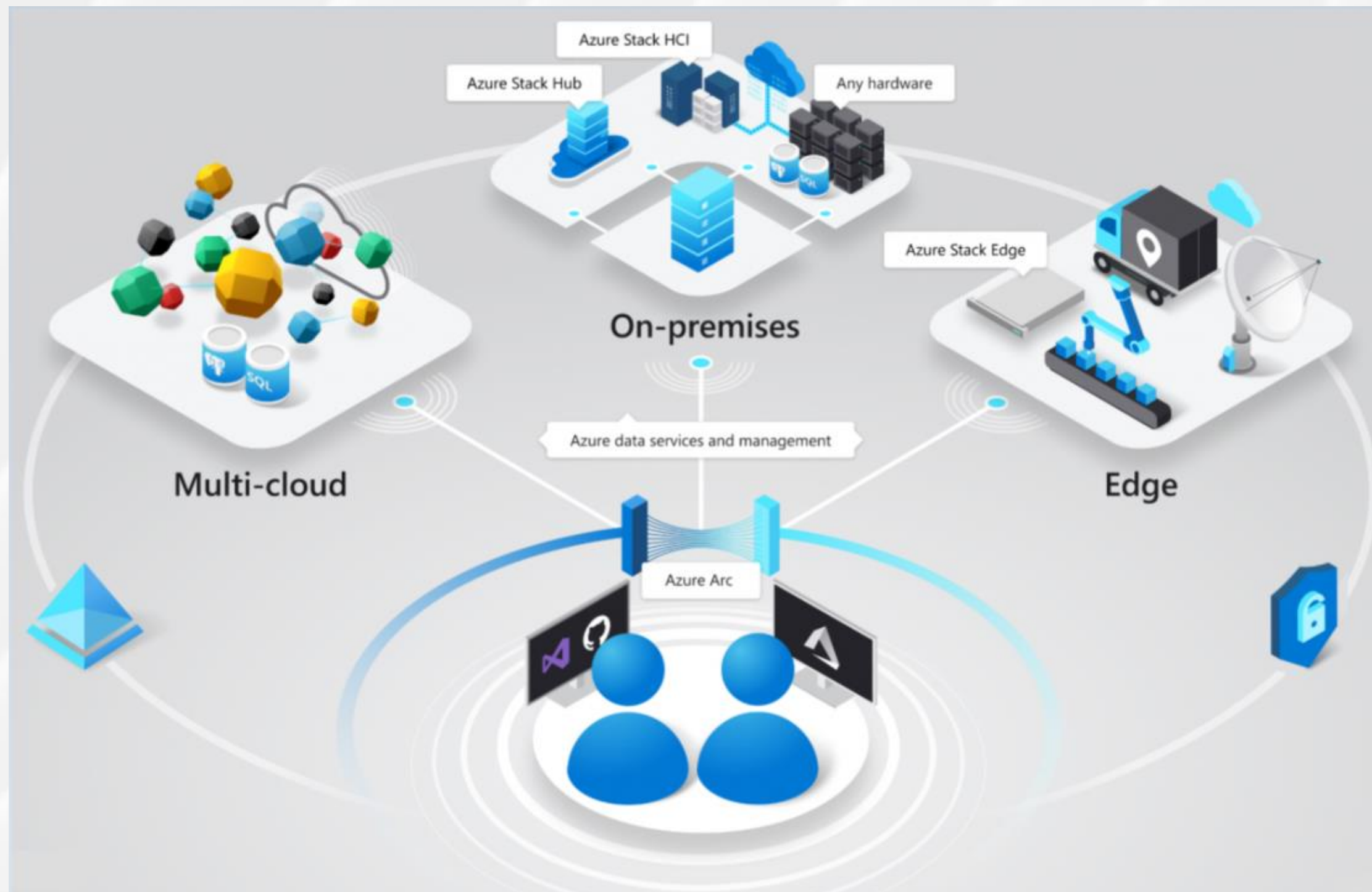
Azure Arc is a bridge that extends the Azure platform to help you build applications and services with the flexibility to run across datacenters, at the edge, and in multi-cloud environments

Business Needs

Adopting Hybrid and Multi-Cloud adds complexity and introduce challenges

1 **CENTRALIZE GOVERNANCE**
Enforcing compliance requirements and centralizing governance across environments

2 **PROTECT AND MONITOR RESOURCES**
Enforcing security standards, centralizing observability across environments, monitoring costs in multi-cloud scenarios

3 **MODERNIZE ON-PREM DATACENTERS**
Giving new life to your on-prem by introducing azure serverless, azure managed data services, azure policy and more through Arc

Centralize Governance

Adopt Azure Arc to organize and govern across environments

UNIFIED CONTROL PLANE

Get Kubernetes clusters and servers that are sprawling across clouds and datacenters under control by centrally governing from a single place

ENFORCE COMPANY STANDARDS

Use Azure Tags and Azure Policy to enforce company standards wherever the resources are located

BRING AZURE TO YOUR ENVIRONMENT

Use familiar Azure services and management capabilities, regardless of where your resources live

Protect and Monitor

Adopt Azure Arc to secure and observe resources with Azure battle-tested tools

MICROSOFT DEFENDER FOR CLOUD

Deploy Microsoft Defender for cloud on your servers and Kubernetes clusters across clouds and datacenters to secure them

AZURE MONITOR SUITE

Deploy Azure Monitor and Azure Monitor for Containers in an effortless way and get a production-ready managed observability platform on any site

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Modernize Datacenters

Bring Azure App and Data services anywhere with Azure Arc

RUN APP SERVICES ANYWHERE

Deploy and manage azure app services on any Kubernetes cluster, including Azure functions, Azure logic apps, Azure event grid and Azure API Management

RUN AZURE SQL ANYWHERE

Deploy and manage Azure SQL, Azure PostgreSQL securing your data assets across on-premises, clouds and edge Kubernetes clusters

ONBOARD SERVERS, SQL SERVERS, VMWARE VCENTERS, SCVMM

Manage your entire environment together by projecting your existing non-Azure and/or on-premises resources into Azure Resource Manager

Key Features

Benefits of adopting Azure Arc

CONSISTENCY

for governance, inventory and management of resources and workloads

ZERO TOUCH SECURITY AND MONITORING

on any resource and workload across environments

UNIFIED EXPERIENCE

The same tooling, regardless on where the workload is running, can be used

NEW LIFE TO OLD DATACENTERS

with Azure managed app services and data services

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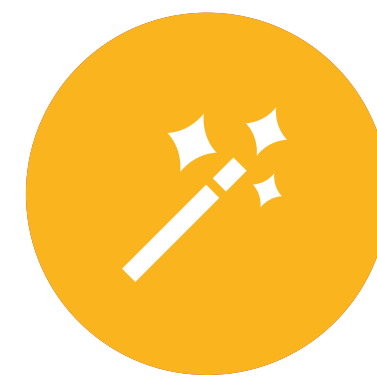CLUSTER

Effortless Deployment

Two efficient approaches to deploy Azure Arc

Interactively

suitable approach for installing the Azure Arc agent on a small number of servers. Different options:

- Azure Portal
- Powershell script
- Windows Admin Center
- Azure ARC Setup Wizard

At Scale

more efficient solutions for installing the Azure Arc agent on multiple servers at the same time. Different options:

- Configuration manager script
- Group Policy
- Ansible Playbook
- Automation Update Management
- SCVMM enabled servers

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