TECH CONFERENCE
DotNet 2020

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Living in the hybrid side,

desarrollo de soluciones con Azure Arc

para tus entornos.

ORGANIZATION

plain concepts

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Thank you!

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Customer environments and application requirements are evolving

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?

100's–1,000's of apps


VMs


Databases


Containers


Serverless

Diverse infrastructure


Datacenters


Hosters


Branch offices


OEM hardware


IoT devices


Edge

Multi-cloud

Customer challenges when hybrid

Complexity: *I need to have health visibility in single pane of glass to all my existing and future infrastructure and applications"*

Compliance: *I need to manage security and incident management across my public cloud and datacenter assets*

Inconsistency: *I want my on-prem skills work in the cloud, and my cloud skills to work on-prem.*

Regulation: *Our DB layer must remain on-premises due to sensitive patient data and data availability needs*

Latency: *We can't take a dependency on the internet. If we lose connectivity, we still want to be able to access the data.*

Legacy: *Our older systems take too much maintenance. We want evergreen technology and to pay for it like a utility*


Multi-cloud


Datacenter


Edge

Azure Hybrid

Innovation anywhere with Azure

Microsoft

Single control plane with Azure Arc

Bring Azure services
to any infrastructure

Modernize datacenters
with Azure Stack

Extend AI to the edge
with Azure IoT

Azure Arc

Azure Arc enabled infrastructure

Connect and operate hybrid resources as native Azure resources

Visibility: Bring distributed Windows, Linux, SQL and Kubernetes together **a single plane of glass**

Compliance: Reduce risk and cost by establishing a single governance frame for all your workloads without additional overhead or additional approval processes

Consistency: Simplify the way you work by consolidating tooling and using cloud-native technology and practices everywhere

Azure Arc enabled services

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

Flexibility: Reduce risk and adhere to regulatory requirements by deploying cloud services on-premises

Latency: Deploy data services on-premises, close to your data sources with support for both disconnected and connected workloads

Always current: Get evergreen SQL and Hyperscale on-premises with a cloud billing model

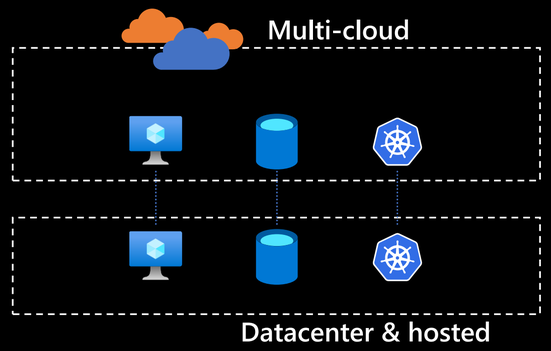
Multi-cloud

Datacenter

Edge

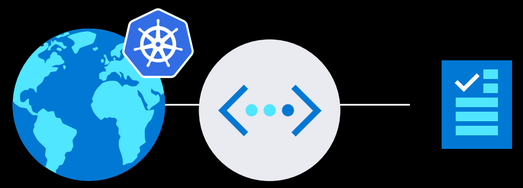
Azure Arc Use cases

Bring Azure services and management to any infrastructure



Organize and govern across environments

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



At-scale Kubernetes app management

Deploy and manage Kubernetes applications at scale across environments using DevOps techniques, ensuring that applications are deployed and configured consistently from source control, at scale.

Run data services anywhere

Deploy and manage data services where you need it for latency or compliance requirements.

Always use the most current technology and seamlessly manage and secure your data assets across on-premises, clouds, and edge.

Demo Time

- Organize and govern across environments
- At-scale Kubernetes app management
- Run data services anywhere

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Azure Arc Architecture

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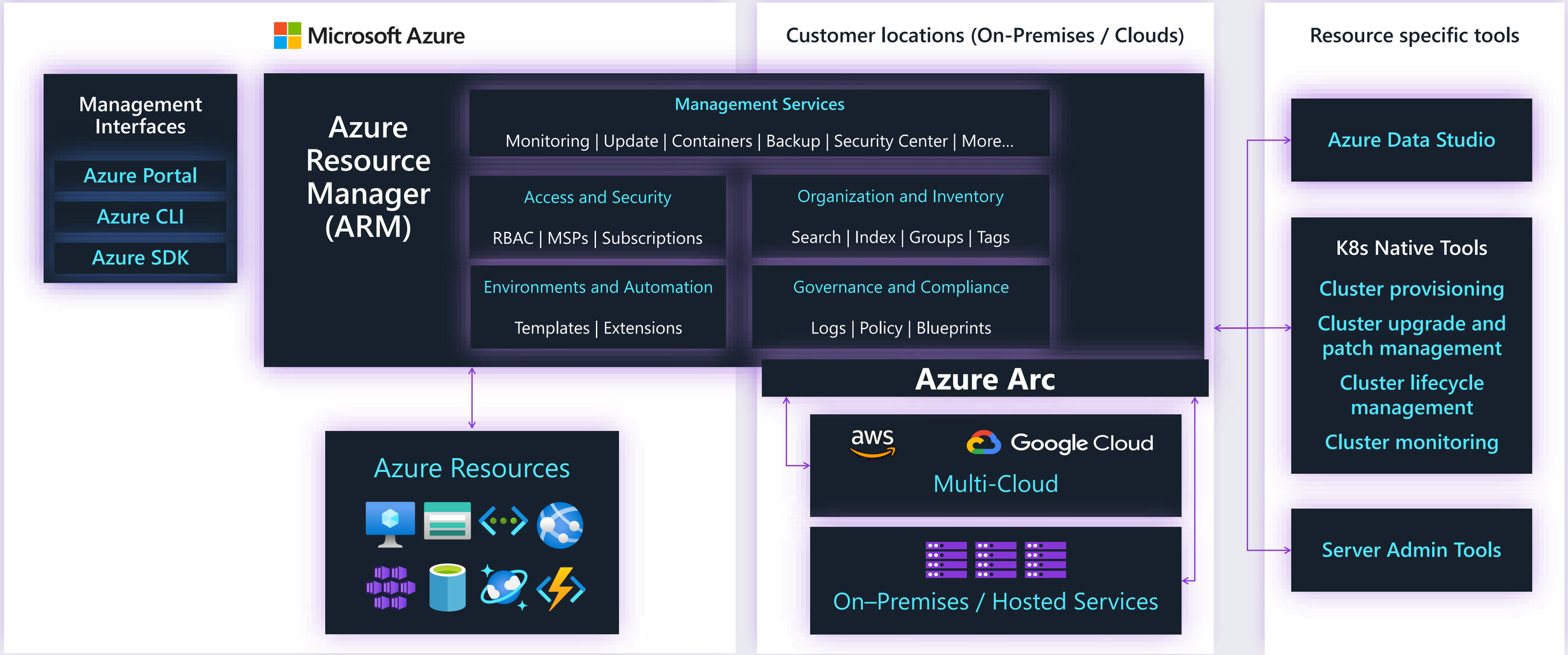

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Azure Arc Architecture

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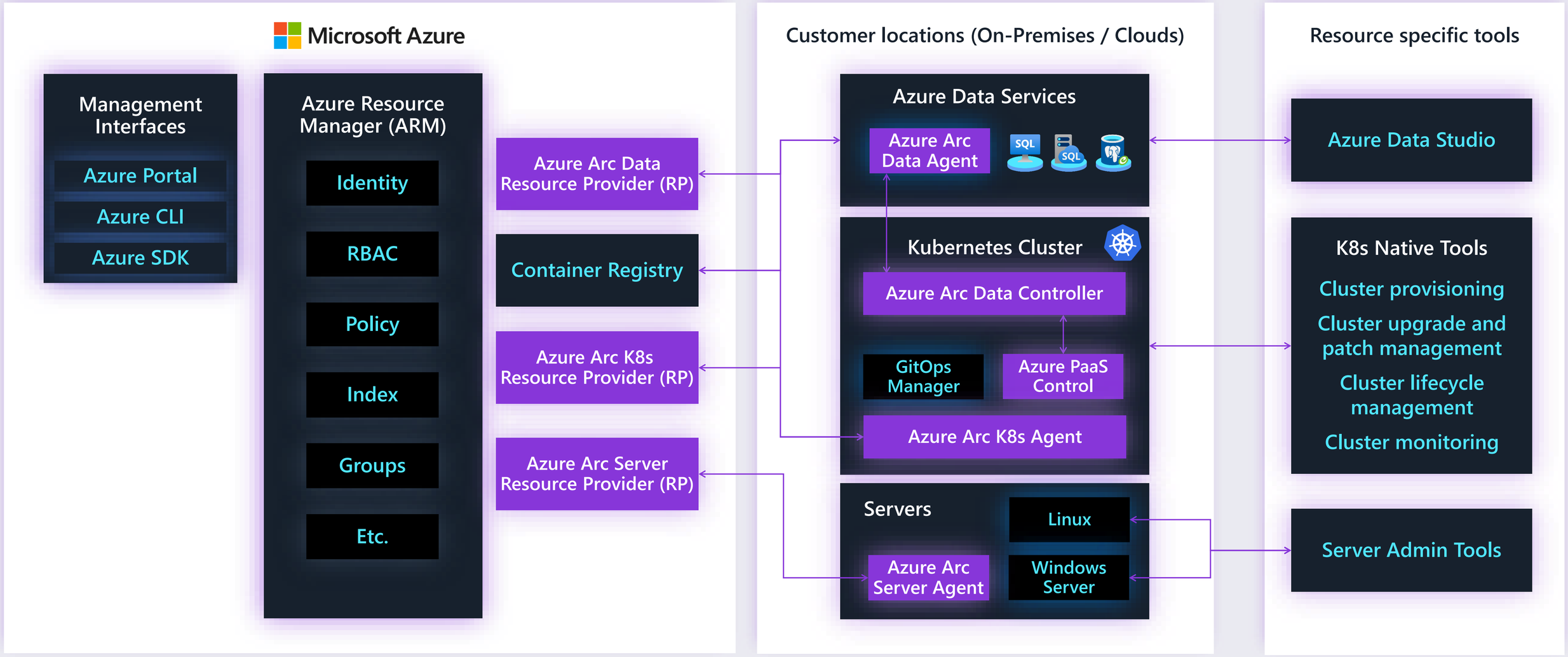

Azure Arc Components


Azure Arc
Africa's Talking
atmosera
avanade
BrainScale
ClearDATA
SECURE • HEALTHCARE • CLOUD
The Software Experts
Crayon
DEXMACH
EY
Building a better working world
FERGUSON
FUJITSU
Insight
KPMG
Red Hat
SIEMENS
Healthineers

Questions & Answers

Thanks and …
See you soon!

Thanks also to the sponsors.
Without whom this would not have been posible.