

The open source journey of Microsoft and SUSE

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Technology Trends Shaping Our World



What Does This Mean for You?



NEW DEMANDS



NEW OPPORTUNITIES

New Ways to Leverage Open Source

Open Source Projects Have Exploded



Where Do You Start?

- Which open source projects are relevant for you?
- What will work with your existing IT deployment and with other projects?
- Is the technology enterprise ready and viable long term?
- What skills and support do you need?



SUSE: What it Means to be Open



➔ Committed to open source

➔ Being a leader and contributor within the open source community

➔ Delivering technology and corporate openness, interoperability and flexibility for our customers/partners



The Open, Open Source Company

Software-Defined Infrastructure and Application Delivery Approach



Infrastructure &
Lifecycle
Management

SUSE Manager


SUSE OpenStack
Cloud Monitoring

Application Delivery



Container Management

SUSE CaaS Platform

 **kubernetes**



Platform as a Service

SUSE Cloud Application Platform

CLOUD  **FOUNDRY**

Software-Defined Infrastructure



Private Cloud / IaaS

SUSE OpenStack Cloud



openstack.



Compute

Virtual Machine
& Container



 **OPEN** CONTAINER INITIATIVE



Storage

SUSE Enterprise
Storage



ceph



Networking

SDN &
NFV

 **Open vSwitch**

 **ONF**

 **DPDK**

 **ONAP**



Operating System

SUSE Linux Enterprise Server

 **THE LINUX FOUNDATION**

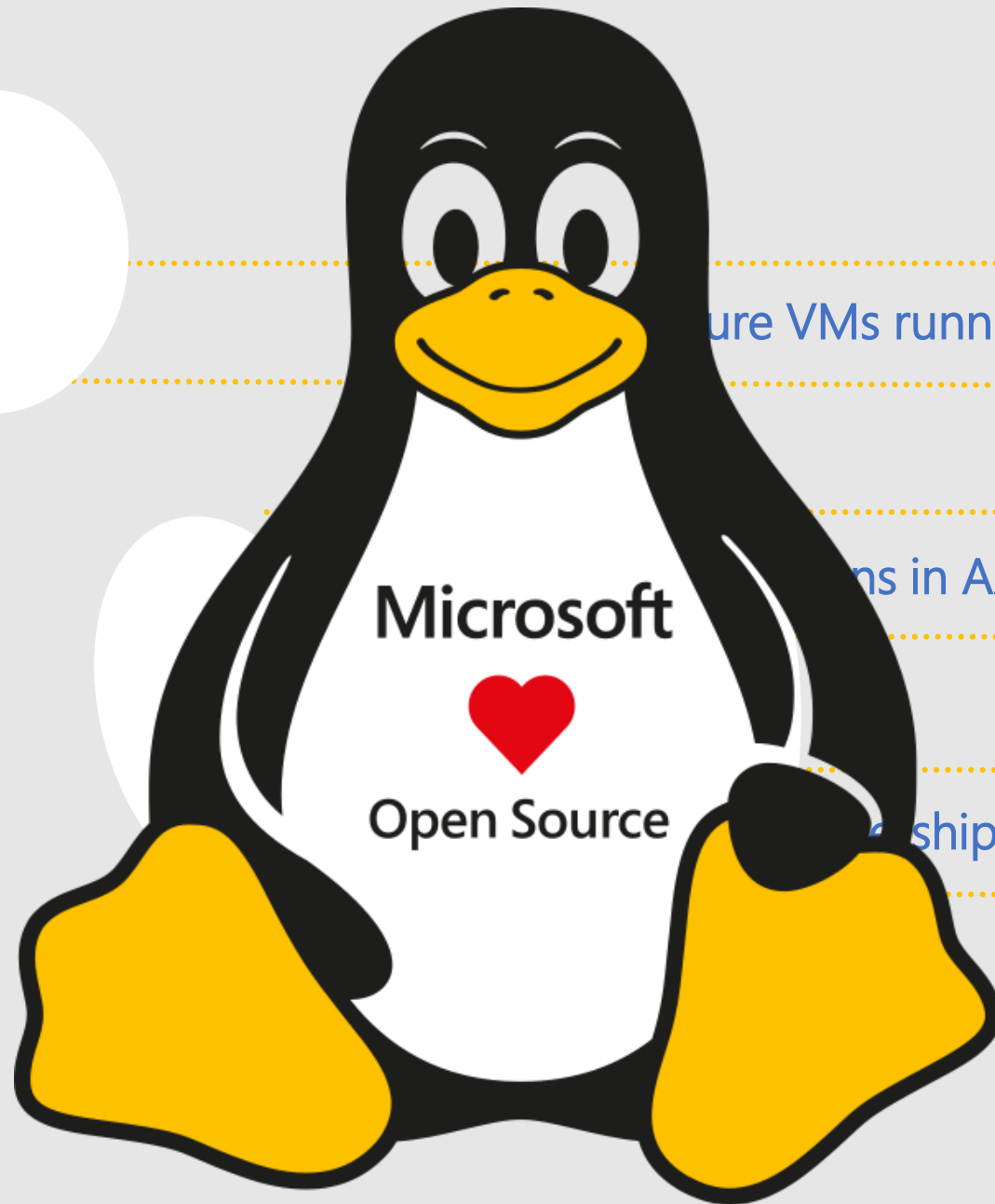
 **openSUSE**



Public Cloud

SUSE Cloud
Service Provider
Program

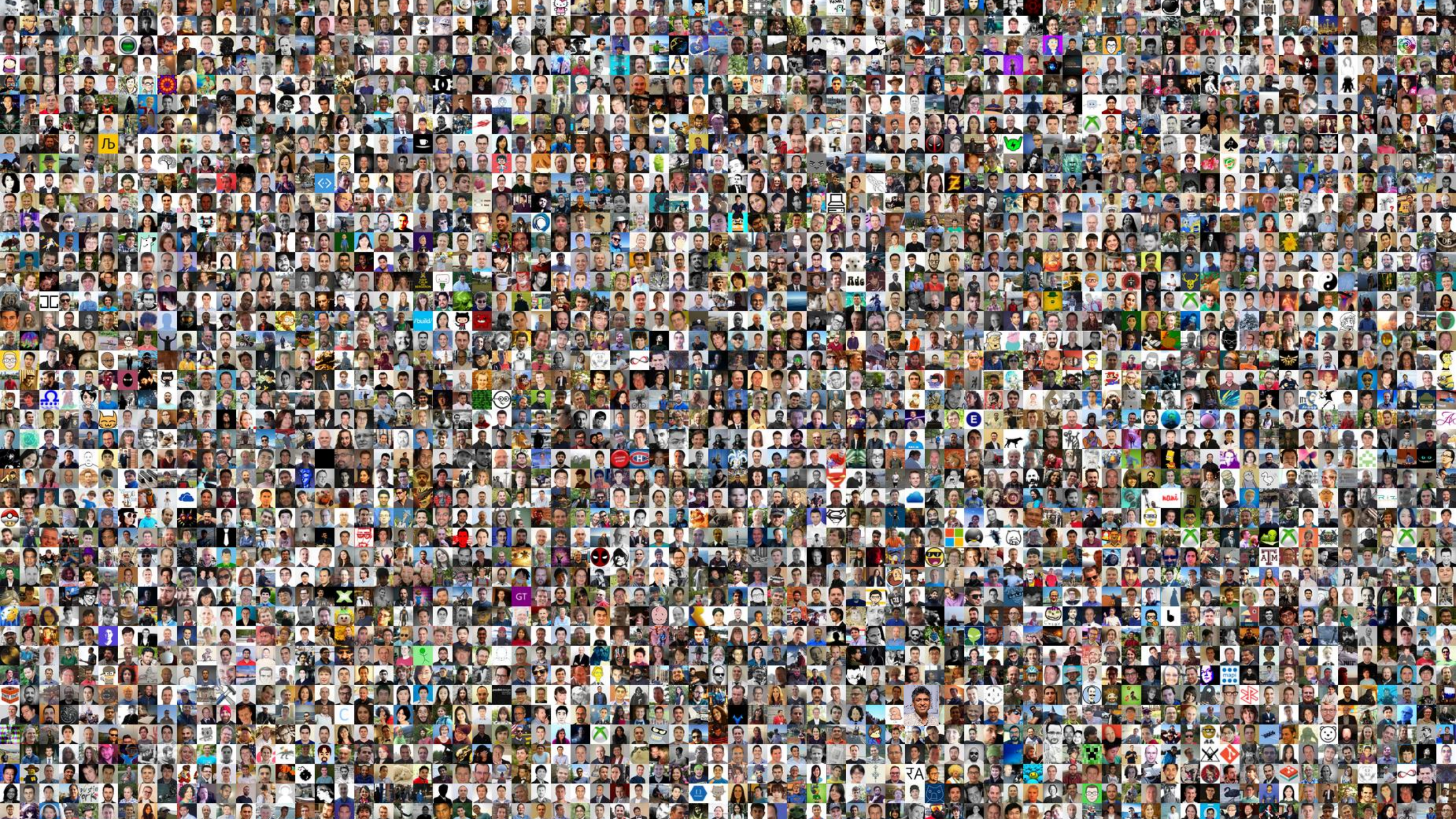
Physical Infrastructure: Server, Switches, Storage



ure VMs running Linux

ns in Azure Marketplace Linux based

ships with OSS providers



Our approach to open source in the cloud



Enable

open source use cases in the cloud



Integrate

open source technologies in our platform



Release

innovative technologies as open source

Draft
R Server
.NET Core
CNTK
Roslyn
TypeScript
F#

PowerShell
ACS Engine
Graph Engine
PowerBI Visuals
Office UI
Fabric
MSR projects



Contribute

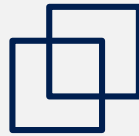
to the open source ecosystem



OPEN SOURCE ECOSYSTEM



Azure. Open Cloud for all.



Productive

Hybrid

Intelligent

Trusted

Unparalleled developer productivity



Productive



Hybrid



Intelligent



Trusted



Integrated tooling

Visual Studios
3rd parties | DevOps



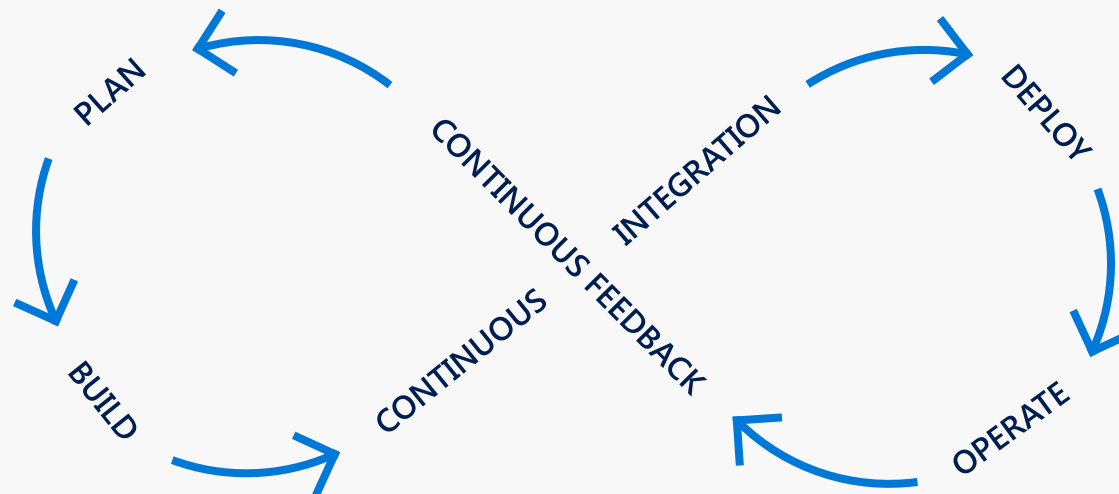
100+ services

Azure functions
Kubernetes | Logic apps



Unified management

Single cloud | Policy



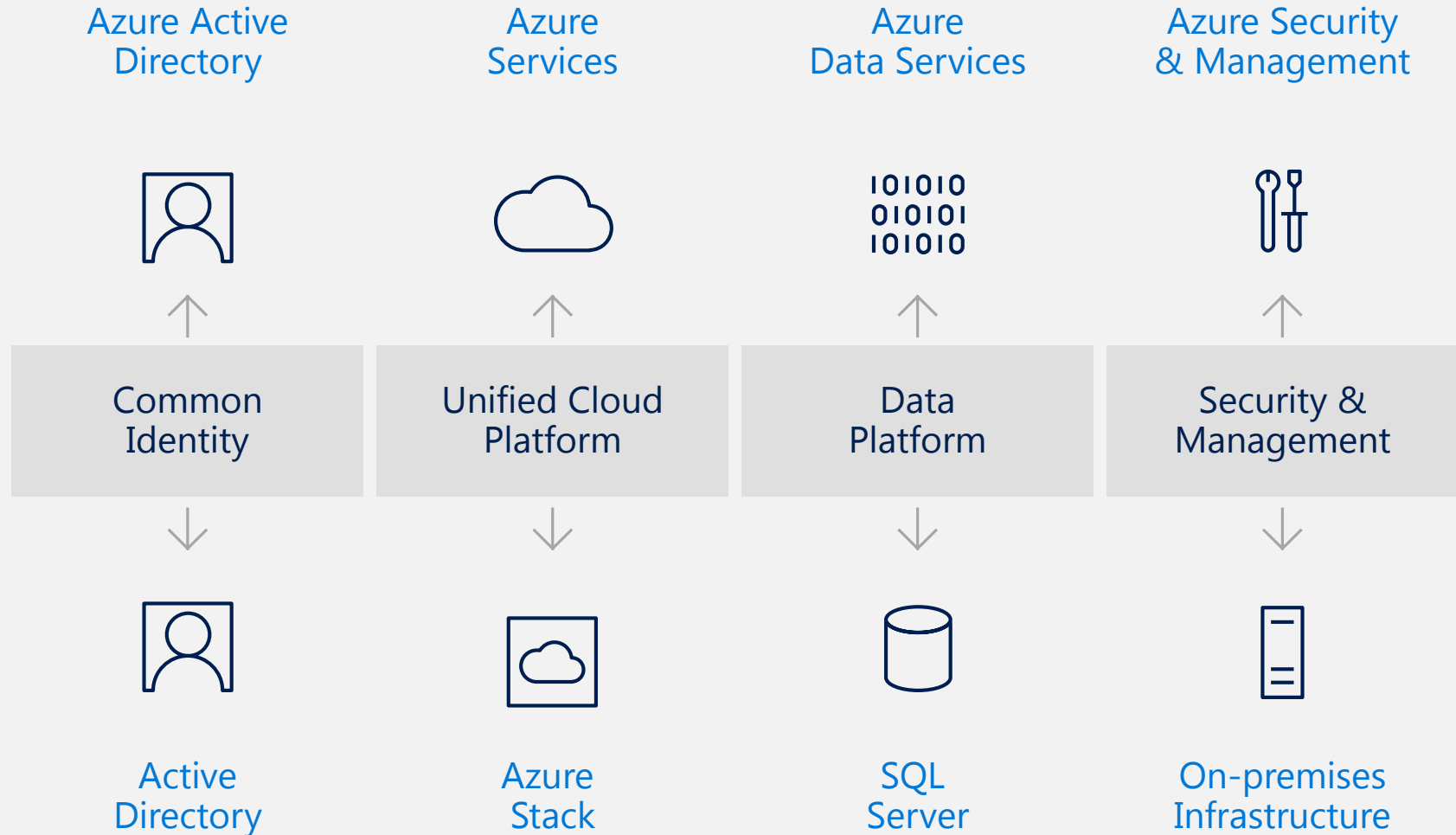
Providing the only consistent, hybrid cloud

Productive

Hybrid

Intelligent

Trusted





Productive



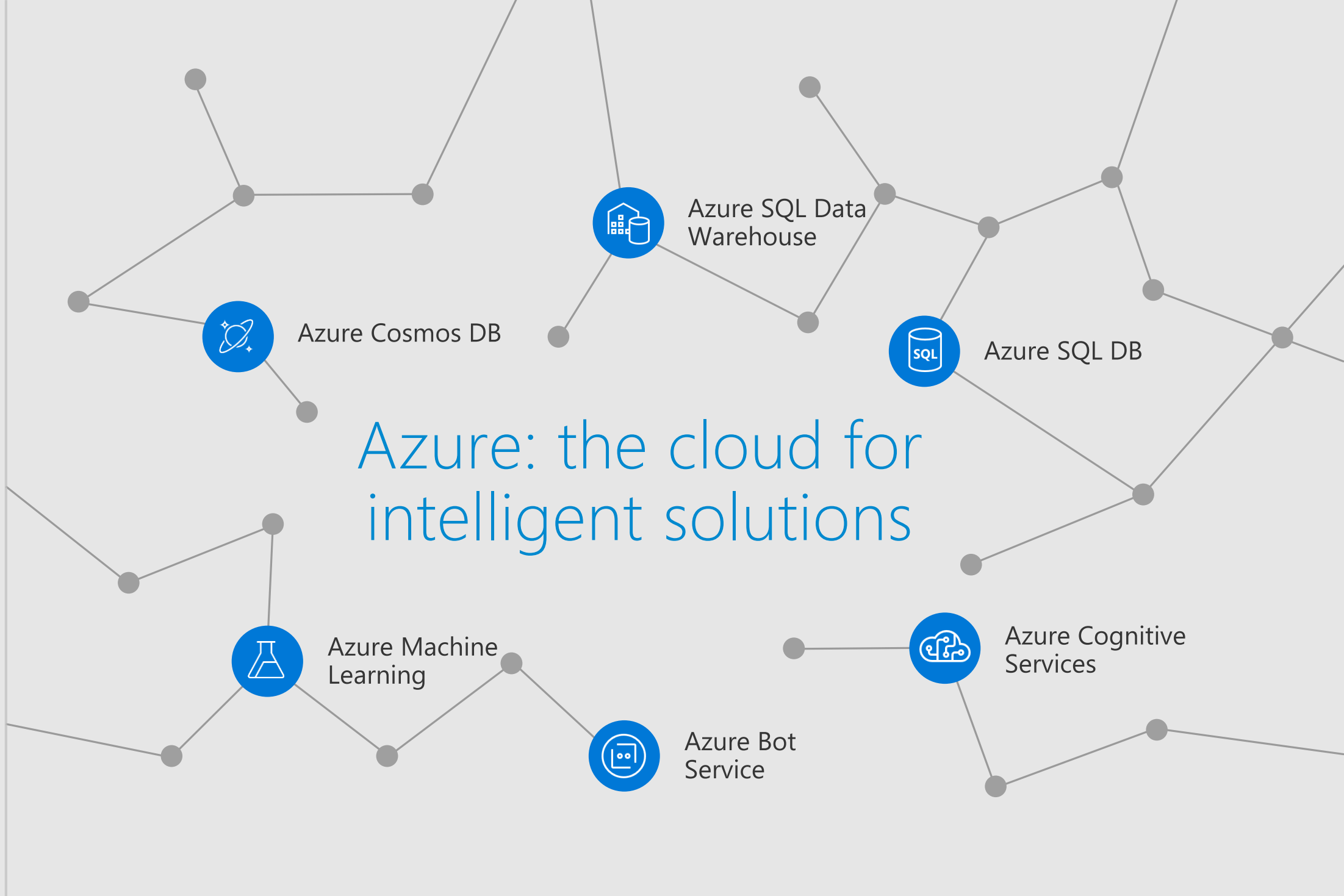
Hybrid



Intelligent



Trusted





Productive



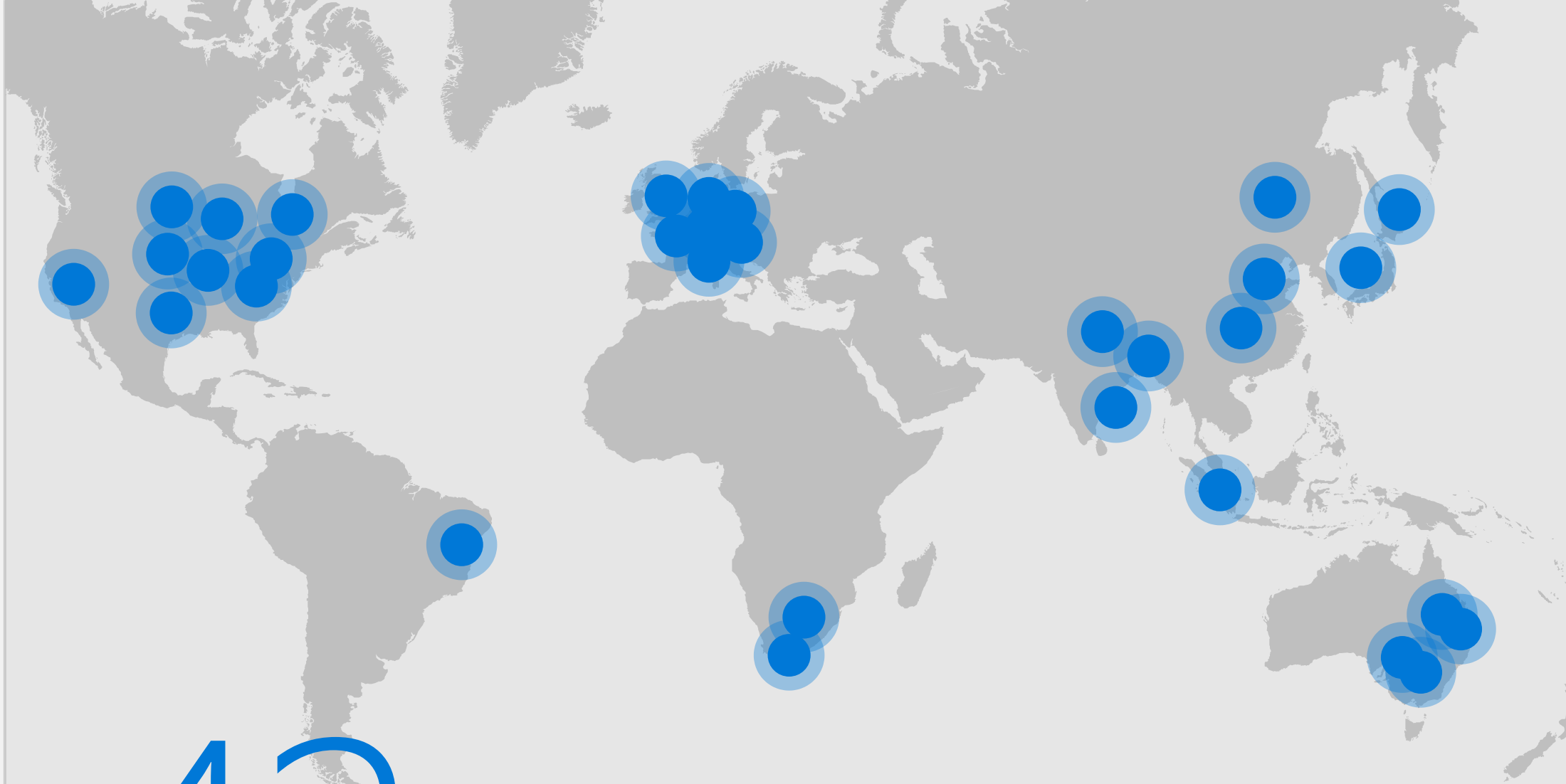
Hybrid



Intelligent

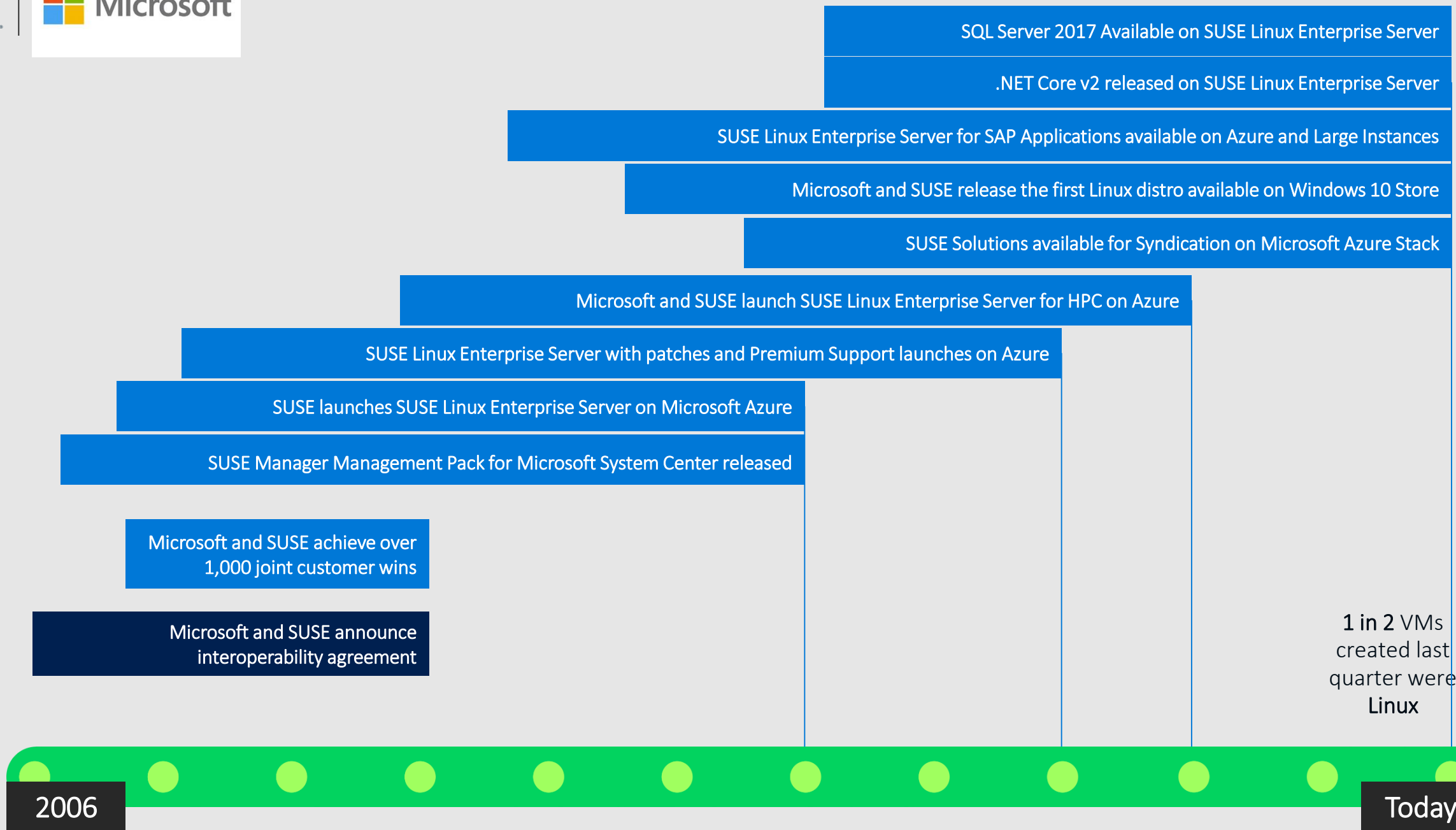


Trusted

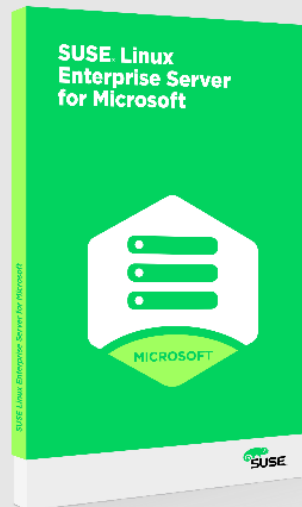


42 Azure regions

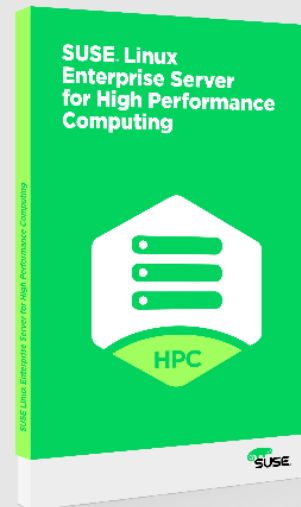
Learn more:
Microsoft.com/datacenter



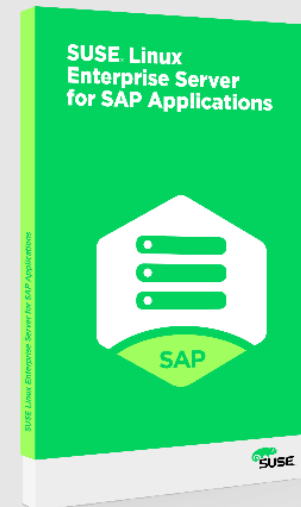
Enterprise Open Source Solutions Optimized for Azure



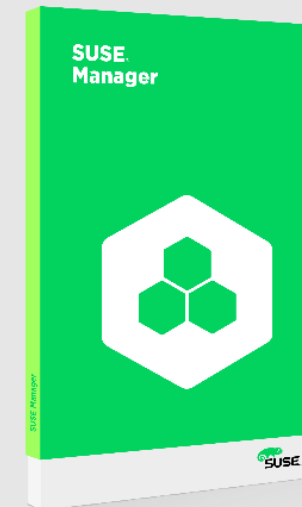
**SUSE Linux
Enterprise Server -
Azure**



**SUSE Linux
Enterprise Server
for HPC**



**SUSE Linux
Enterprise Server
for SAP
Applications**

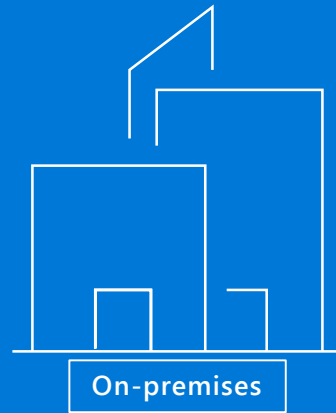


SUSE Manager

The Transition to S/4HANA

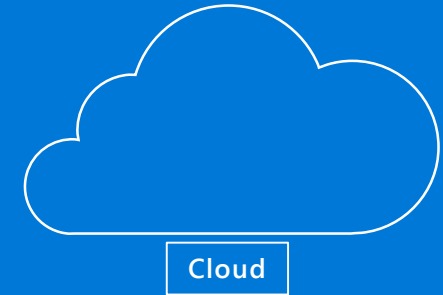
Global Enterprise Businesses Run on SAP

2025



anyDB (SQL, DB2, Oracle DB)

SAP R/4 Architecture



In-memory SAP HANA

S/4HANA



Their Digital Transformation is Powered by S/4HANA

A Hybrid Approach with Higher Level Services

- Rapid Innovation with On-demand Instances
- Massive scale-out capability with bare-metal
- Intelligence, Insights and Integrations





The Recommended OS for SAP and S/4HANA



Software, Services, and Support for Mission-Critical SAP on Azure

- The Development Platform for SAP HANA
- Engineered and Tuned for SAP on Azure
- Integrated Support with Extended Lifecycle
- HA + Automated Failover for SAP HANA

The Recommendation
for SAP L

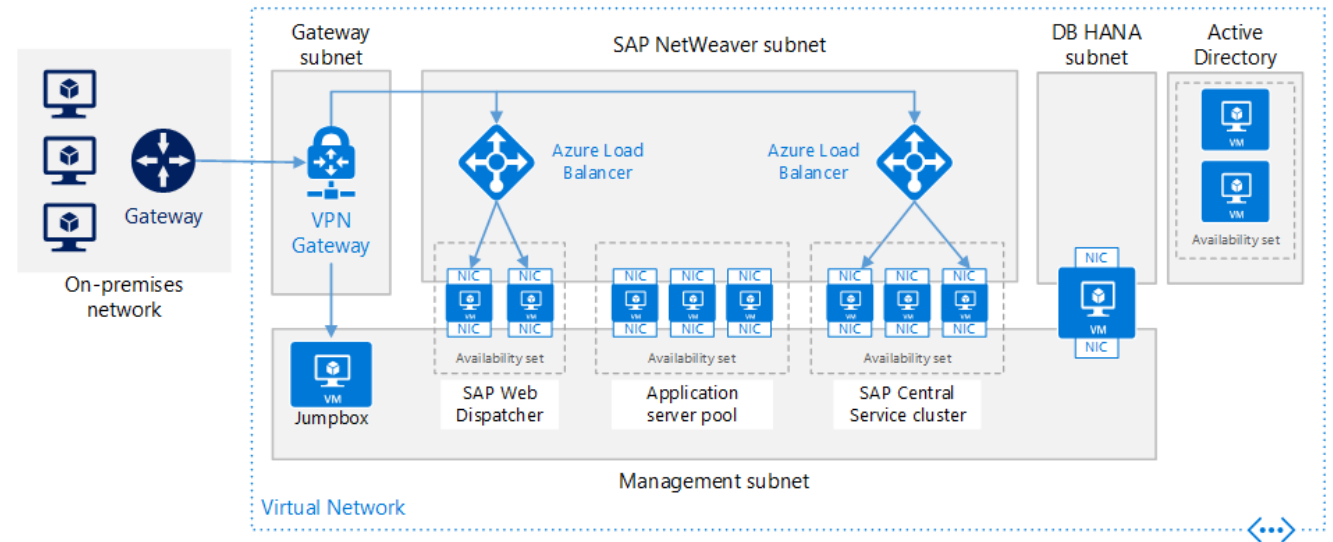
Jointly Tuned Offerings Deliver
Industry Leading Performance for
SAP on Azure Large Instances

SAP Benchmarks ([as of Jan '18](#))

ent Cloud
S/4HANA

Up to
20TB
OLTP

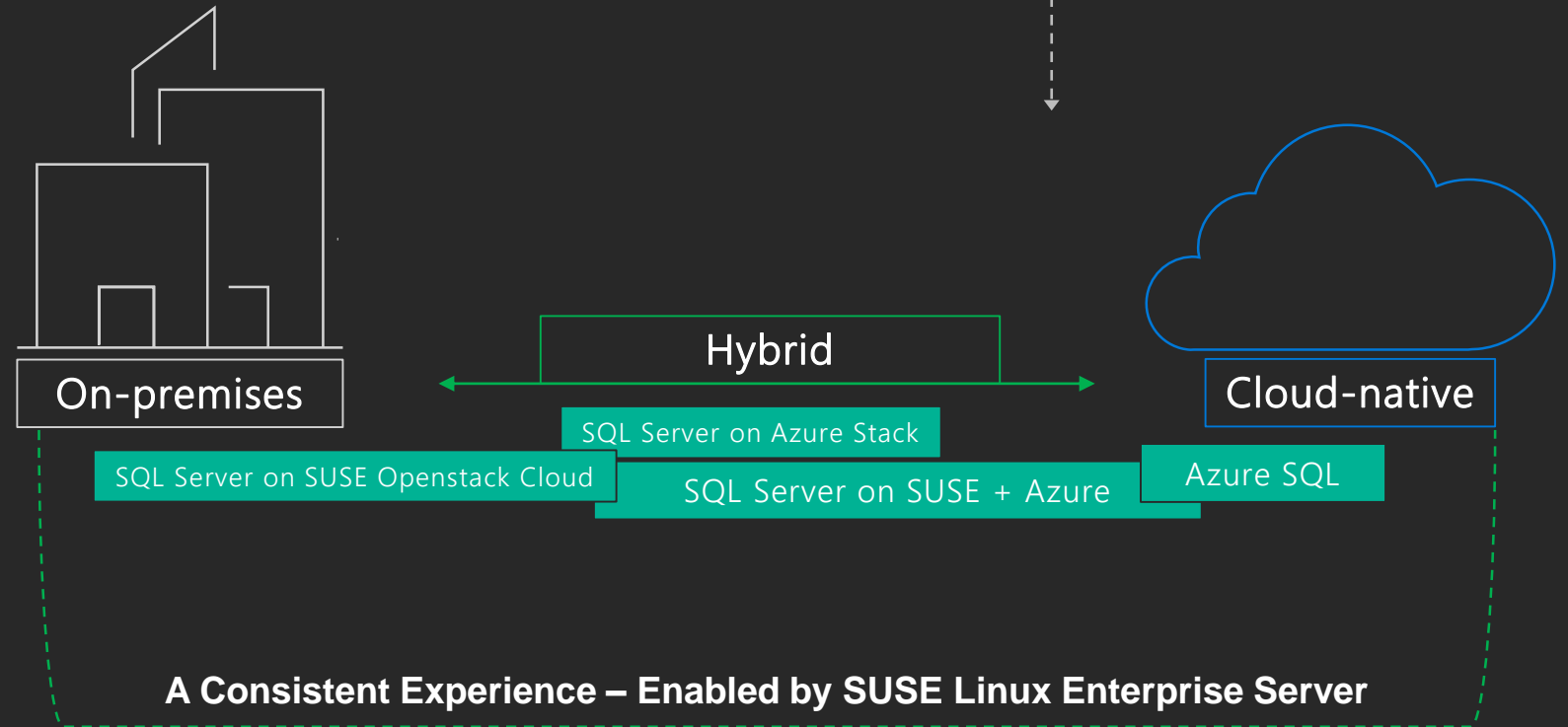
Jointly Engineered Solution Templates for SAP Landscapes... including High Availability



Quick Deploy on Azure Marketplace

Transition to Cloud-Native

SQL Server Provides the Bridge to a Cloud-Native Data Platform



Industry Leading Database on Linux

- The least vulnerable DB over the last 7 years
- AI: Support for 1M predictions per second
- #1 Performance in TPC-E and TPC-H benchmarks



Most Secure Database
for 7 years in a row





Enterprise Linux and Open Source Solutions Engineered for Azure



Specifically Tuned for a High Performance Data Platform

- The Leading OS for SAP HANA... for a reason
- Persistent Memory Support (NVDIMM / NVMe)
- Joint engineering with IHVs and CSPs

Enterprise
Open Source
Engineered

#1 in the World Benchmark for Price to Performance

(on HPE ProLiant DL380 Gen10)

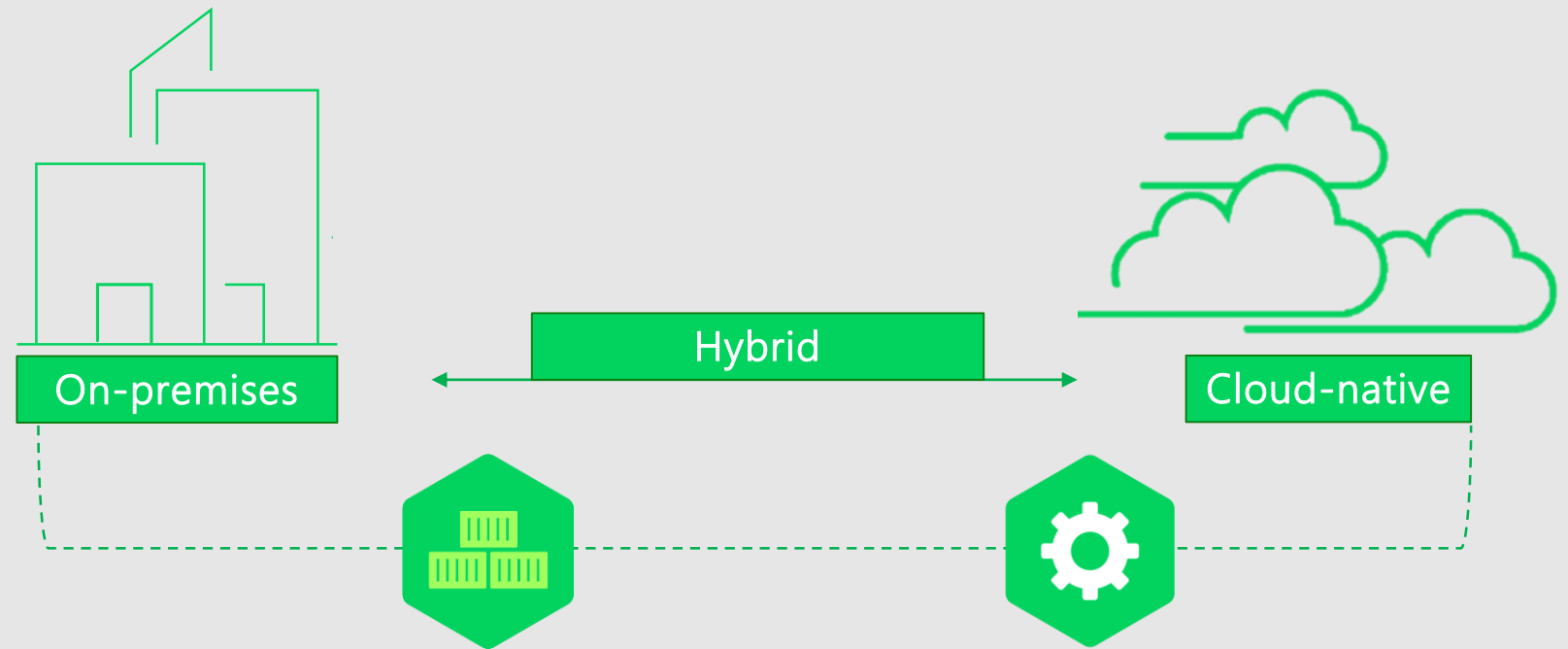
TPC.org Benchmark ([TPC-H as of Feb'18](#))

Database for
in a row

Up to
50%
reduction in
HW Costs

Up to
45%
performance
boost in Data
Analytics

Speed App Delivery at Scale



Container infrastructure solutions that adapt to your requirements.

Container Infrastructure and Cloud Application Delivery Solutions Integrated with Azure

Application Delivery



Container Management
SUSE CaaS Platform



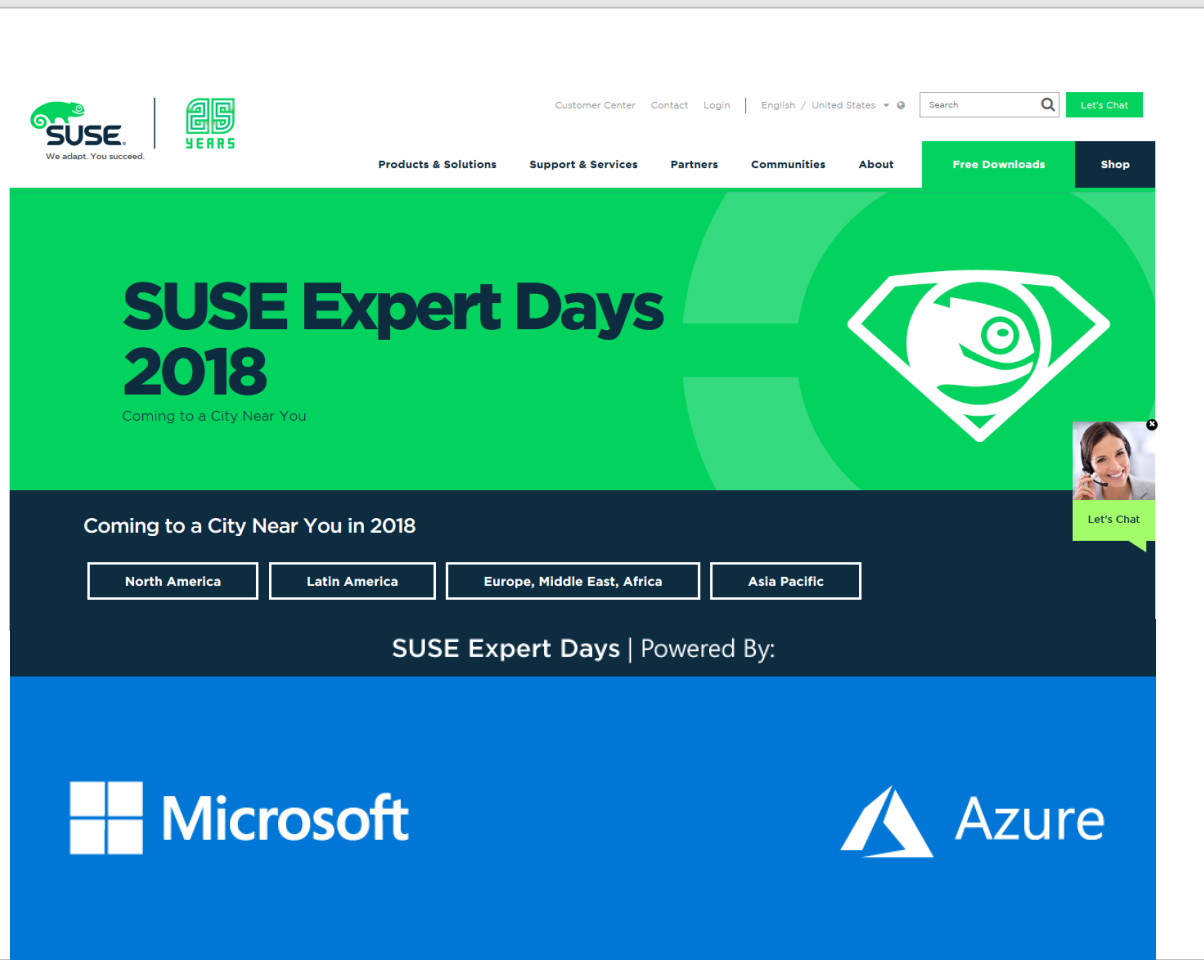
Platform as a Service
SUSE Cloud Application Platform



Coming in Spring!

Opportunities to Learn More

SUSE Expert Days



SAP on Azure Workshops



Wege zu SAP S/4HANA auf Microsoft Azure

Termine:
24.10.2017 Hallbergmoos
26.10.2017 Walldorf
21.11.2017 Hamburg
30.11.2017 Ratingen

Uhrzeit:
11:00 - 16:45 Uhr

Anmeldung:
events.suse.com/PublicCloud

Register today!

Who should attend:

- SAP Technical architects
- SAP administrators
- Technical decision makers

Topics

- Why move SAP workloads to Azure
- Azure architecture
- Effective MS Azure architecture for SAP Workloads
- Demo and Discussions

Workshop highlights

- Workshop designed to empower attendees with crucial concepts and value propositions of Microsoft Azure in the context of SAP landscapes.
- At the end of the workshop, participants will have gained an understanding of each topic.

Agenda

"We realized that our future lay in the smart use of data, to create more intelligent manufacturing processes, to reduce manufacturing costs, and to provide more innovative ways to meet customer needs. By speeding up SAP, we've been able to speed up the whole business. When you can speed order processing from hours to minutes, you can accelerate ordering, increase plant productivity, and improve shipment times."

Richard Cammish—CIO






"Our success depends on our ability to try, evaluate, and deploy innovation quickly. And we believe Azure cloud services will help us to succeed."

Brad Huggins - Manager, Innovation Group





"This is the first, large-scale instance of SAP BW HANA in Microsoft Azure," says Andrew Wilson, Accenture's CIO. "It is an enormous step forward and marks a major collective achievement for the combined teams across Accenture and our ecosystem partners Microsoft and SAP, clearly demonstrating the art of the possible."

Andrew Wilson—CIO



S/4HANA on Azure

Alegri

Seeing 60% reduction in costs by running and automating their S/4HANA environments on SUSE and Azure.



We adapt, you win.

To learn more contact us at azure@suse.com



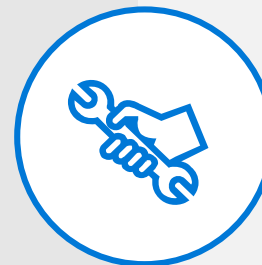
Mission Critical and SAP HANA

Seamless support and certified for the largest SAP environments on the cloud – transition to S/4HANA with confidence in SUSE and the Intelligent Cloud



World Beating Performance

Unmatched performance for SQL Server 2017 on SUSE Linux Enterprise Server – with a bundled offering unique to Azure



Engineering and Innovation

We build together and have an exciting roadmap focused on delivering industry leading performance of enterprise open source solutions on Azure

Please Complete your Session Evaluations

Get your cool IoT Dev Kit!

Fill out your feedback form and turn it in before you leave.

