

How Red Hat and Microsoft ‘Hit Refresh’

Nick Wallace – Open Source Lead, Microsoft UK

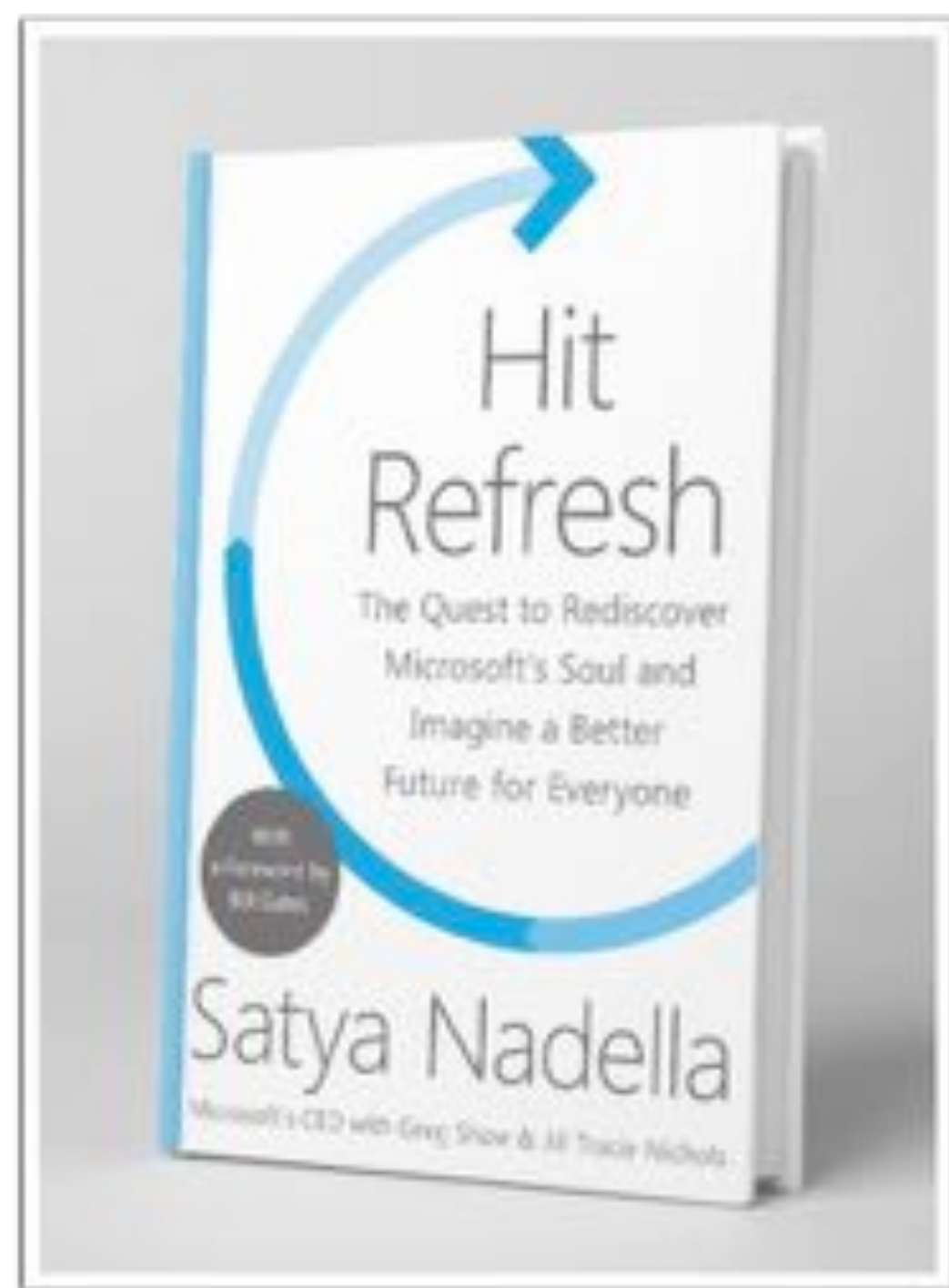
A photograph of four Microsoft founders standing behind several early personal computers in an office setting. The founders are Bill Gates (left, in a suit), Paul Allen (top left, in a white sweater), Steve Jobs (center, in a blue suit), and Steve Wozniak (right, in a red sweater). The computers are early models of the Apple II series, featuring monochrome monitors and keyboard units. The background consists of light-colored curtains.

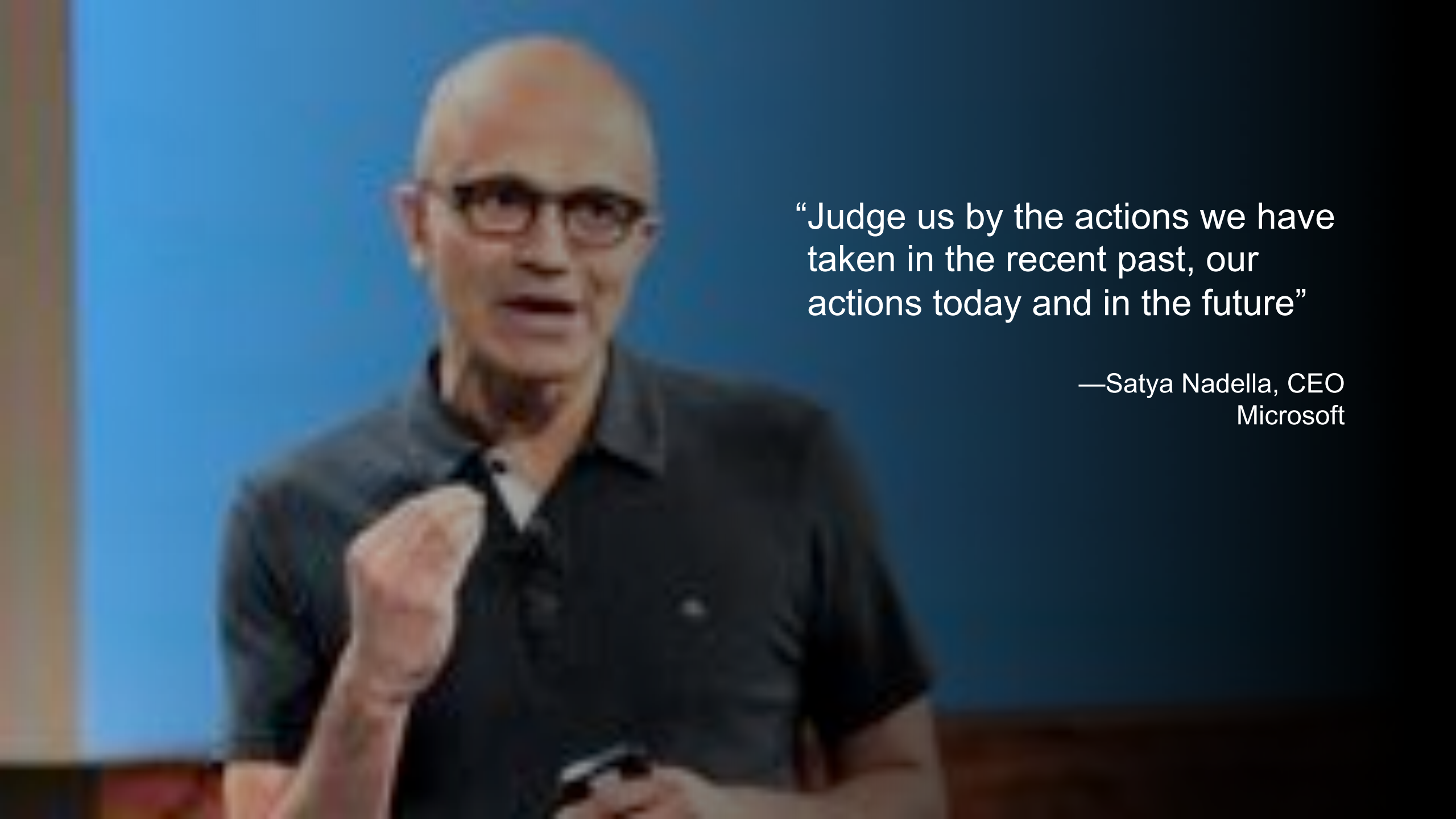
Microsoft is a company of and for developers

The competitive landscape had shifted... **new and surprising partnerships were needed.**

“...it was **certain** that we need to make first-class support for Linux in Azure. **We made that decision by the time we got to the parking lot.**

This may sound like a purely technical dilemma, but it also posed a **profound cultural challenge.**”



A photograph of Satya Nadella, CEO of Microsoft, speaking. He is wearing glasses and a dark polo shirt, gesturing with his right hand. The background is a solid blue color.

“Judge us by the actions we have taken in the recent past, our actions today and in the future”

—Satya Nadella, CEO
Microsoft

Azure Open Source timeline

2014

Satya "Microsoft loves Linux"

.NET foundation created

2014

2015

VS Code released

HDInsight (Hadoop/Ubuntu) announced

Microsoft jointly forms Node.js foundation

2015

2016

.NET Core 1.0

PowerShell Core

SQL on Linux announced

Windows Subsystem for Linux in Windows 10

Microsoft joins Linux foundation

2016

2017

Microsoft Azure Kubernetes Service launched

Draft, Brigade, Kashti projects submitted to Kubernetes community

Microsoft joins Cloud Native Computing & Cloud Foundry Foundations

Azure Database for Postgres & MySQL announced

Azure Databricks (Apache Spark) announced

2017

2018

VS Code ranked #1 developer tool

Service Fabric Open Sourced

Azure Sphere with Linux kernel

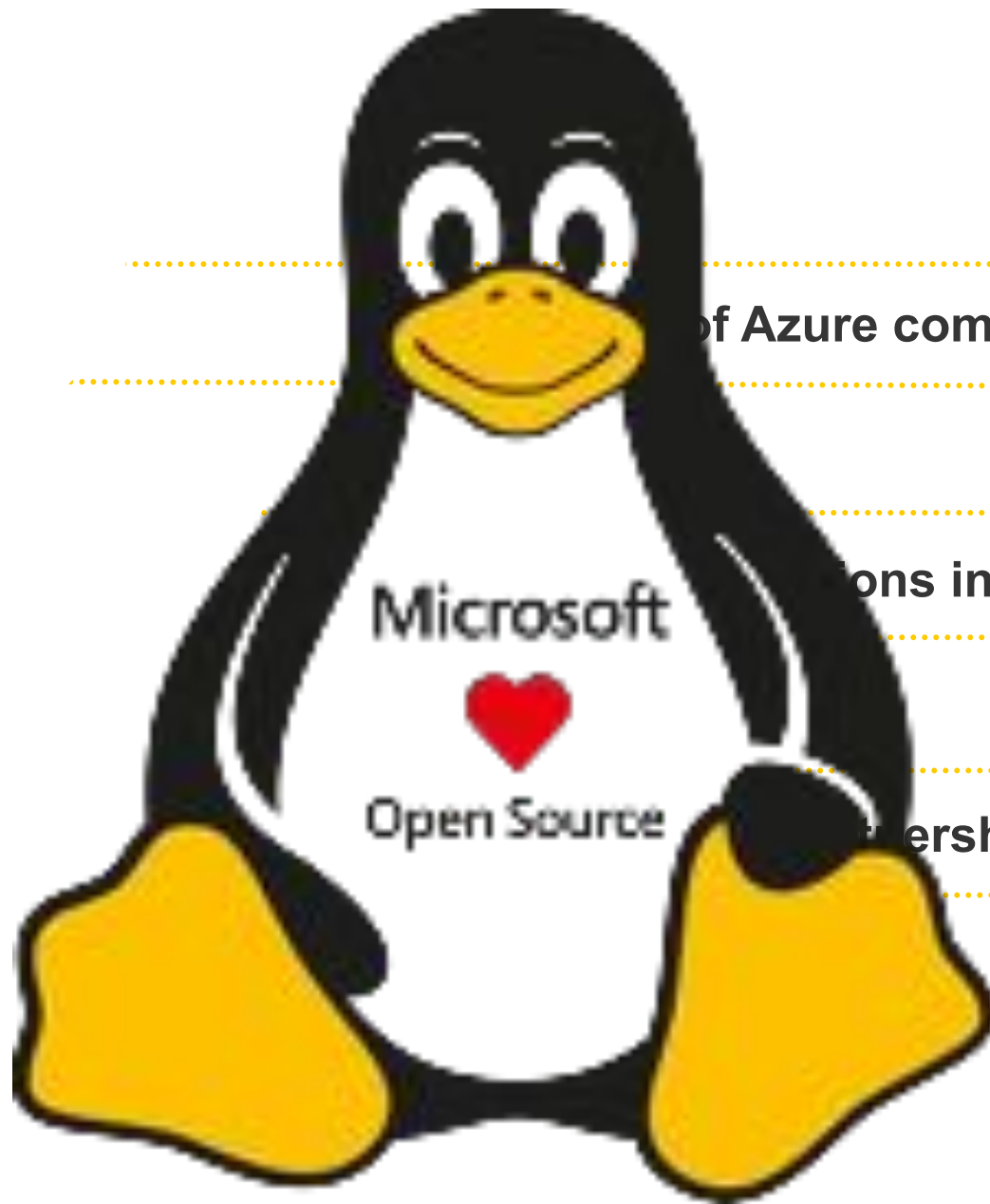
GitHub intent to acquire announced

~5,000 Microsoft employees committing to open source projects on Github

Azure trending to 50% Linux

OpenShift on Azure announced

2018



of Azure compute is Linux

ons in Azure Marketplace Linux

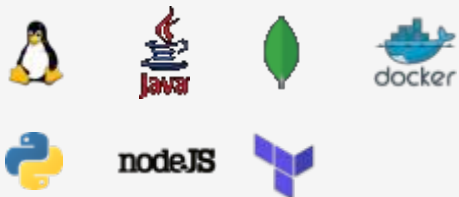
Partnerships with OSS providers

Our approach to open source on Azure



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
Brigade
TypeScript
F#

PowerShell
ACS Engine
Graph Engine
Visual Studio
Code
Office UI
Fabric
SONiC



Contribute

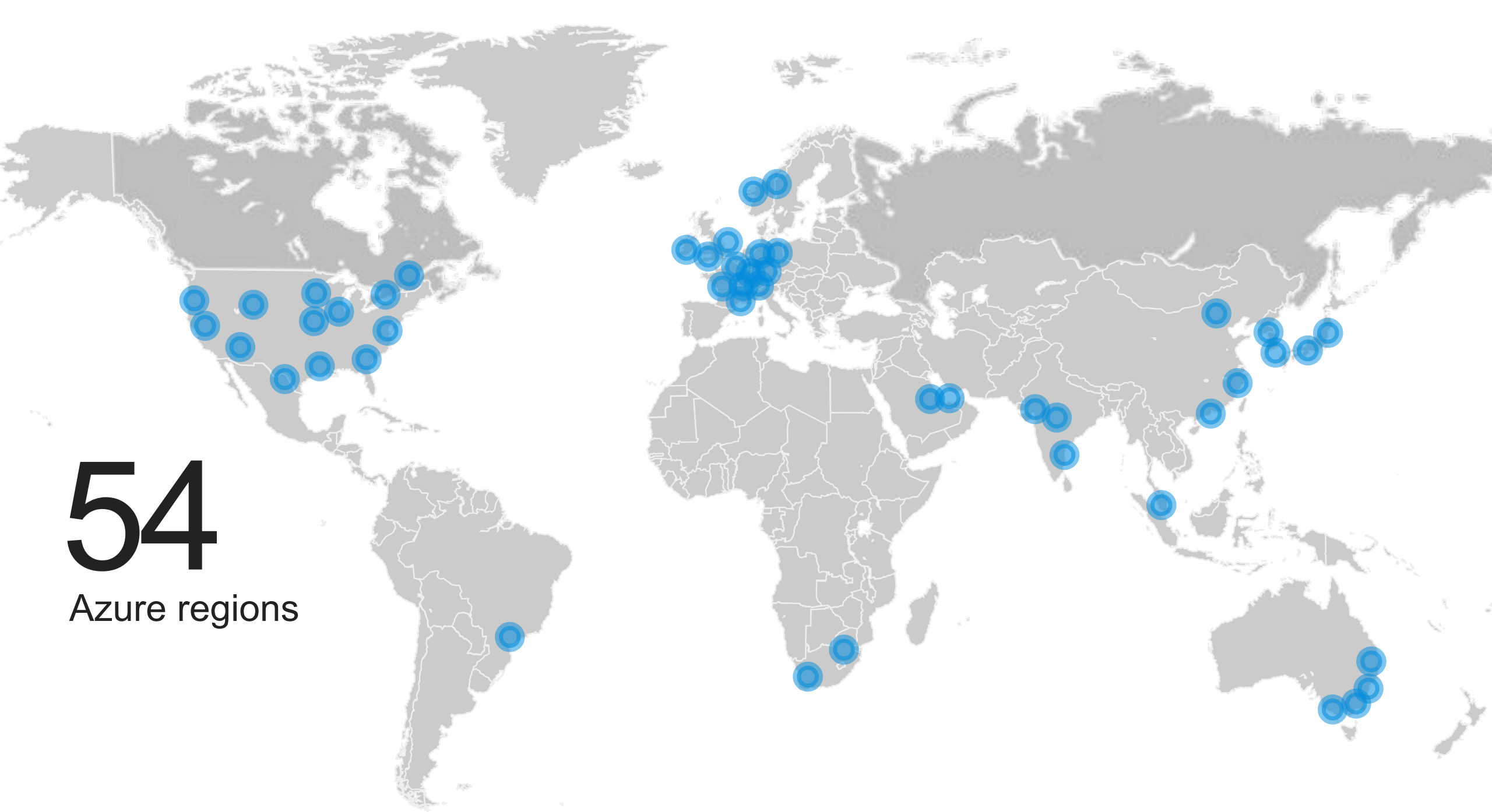
to the open source ecosystem



ECOSYSTEM







54

Azure regions

Key Red Hat on Azure scenarios



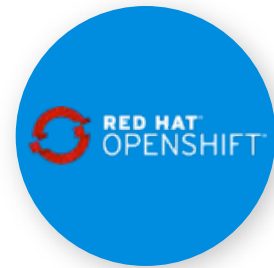
Red Hat Enterprise Linux on Azure



SAP on Red Hat Enterprise Linux



SQL Server on Red Hat Enterprise Linux

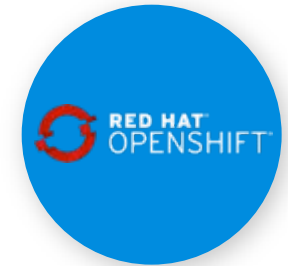


Red Hat OpenShift on Azure

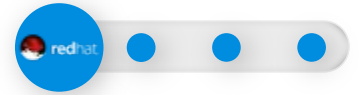
Key Red Hat on Azure scenarios



**Red Hat Enterprise Linux on
Azure**



Red Hat Enterprise Linux (RHEL) on Azure



RHEL on Azure



**Migration of
legacy workloads
from UNIX and
Mainframe**



**Enterprise
workloads
running on Azure
e.g. Oracle**



**Integrated
support process
with co-located
staff**

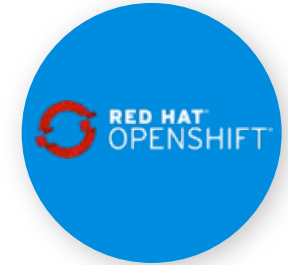
Key Red Hat on Azure scenarios



**Red Hat Enterprise Linux
on Azure**



Key Red Hat on Azure scenarios



**SAP on Red Hat Enterprise
Linux**

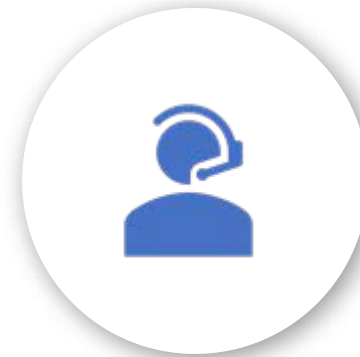
SAP on Red Hat Enterprise Linux



**Most powerful
scalable cloud for
SAP Hana**



**Deep partnership
between SAP,
Microsoft & Red
Hat.**



**First-class hybrid
support
experience for
Red Hat on Azure**

Key Red Hat on Azure scenarios



**SAP on Red Hat Enterprise
Linux**

Key Red Hat on Azure scenarios



**SQL Server on Red Hat
Enterprise Linux**

SQL Server on Red Hat Enterprise Linux



**Choice of
language &
platform**



**Integrated
support**



Discounted rate

Key Red Hat on Azure scenarios



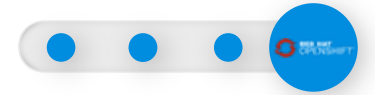
**SQL Server on Red Hat
Enterprise Linux**

Key Red Hat on Azure scenarios



Red Hat OpenShift on Azure

Red Hat OpenShift on Azure



Red Hat OpenShift on
Azure



Jointly engineered,
operated and supported by
Microsoft and Red Hat



First managed Red Hat
OpenShift on public cloud



Enterprise grade



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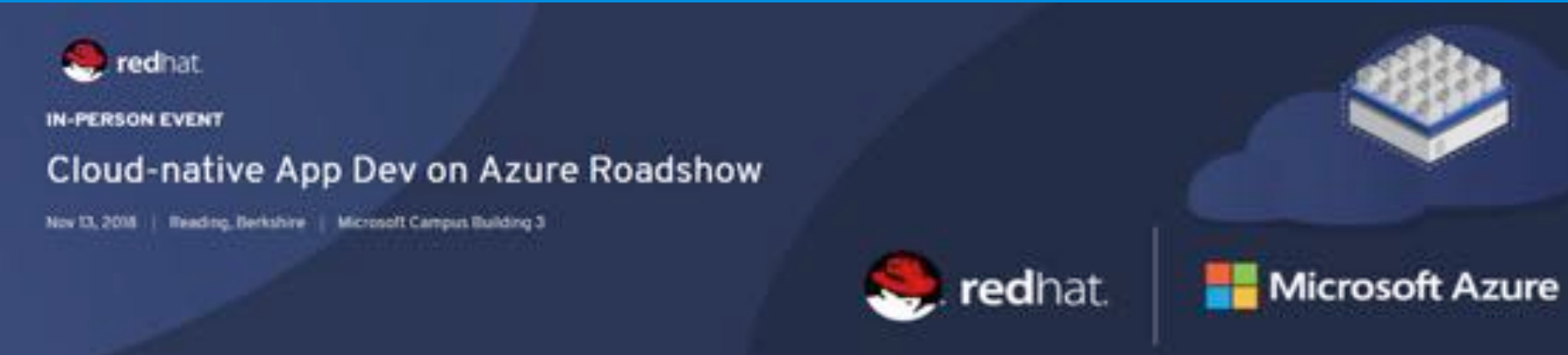
Thank you!




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Nov 13, 2018 | Reading, Berkshire | Microsoft Campus Building 3

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