

Microsoft Azure Workshop

Welcome

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Agenda

- 9:00am *Registration*
- 9:30am *Workshop starts, with breaks for coffee*
- 12:30pm *Lunch, networking and informal 1:1s*
- 3:00pm *Formal close*

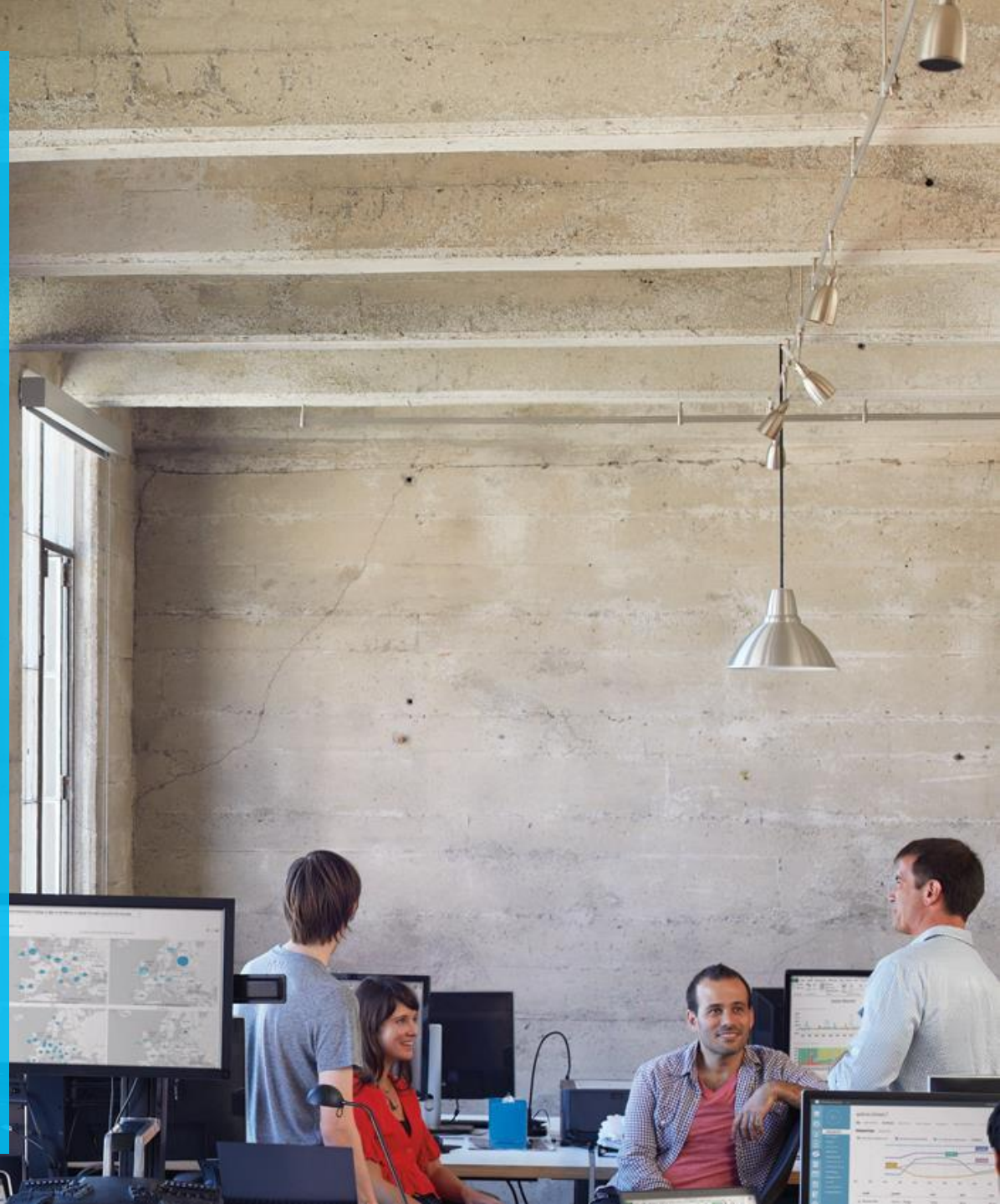
Workshop

- *Modern Cloud*
- *Development and DevOps*
- *Internet of Things*
- *Cortana Analytics*



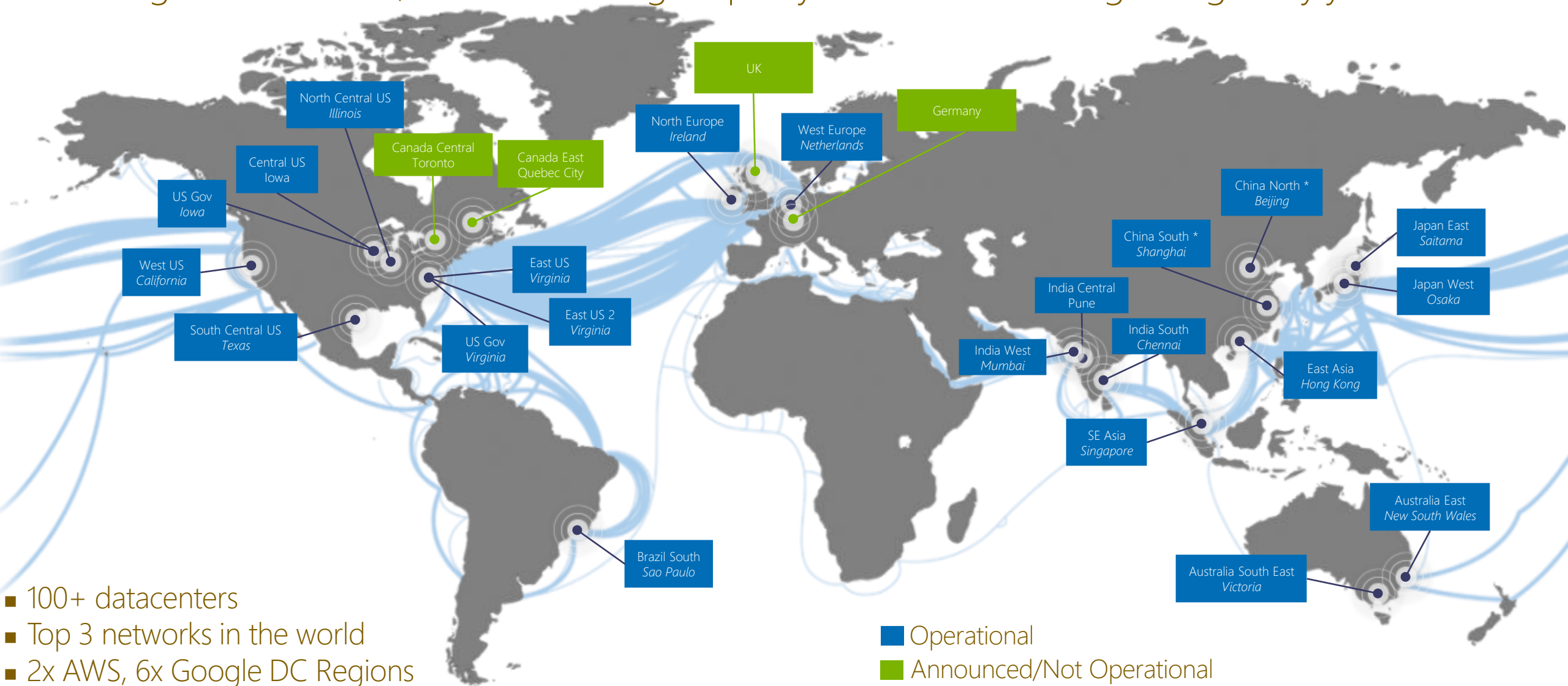
Microsoft Azure

The cloud platform
built for business and
innovation



Huge infrastructure scale is the enabler

24 Regions Worldwide, 22 ONLINE...huge capacity around the world...growing every year



- 100+ datacenters
- Top 3 networks in the world
- 2x AWS, 6x Google DC Regions
- G Series – Largest VM in World, 32 cores, 448GB Ram, SSD...

■ Operational

■ Announced/Not Operational

* Operated by 21Vianet

Azure momentum

~100,000

New Azure customer
subscriptions/month

20 Million

SQL database hours
used every day

> 50 Trillion

Storage objects
in Azure

> 5 Trillion

Storage transactions
every month

425 Million

Azure Active
Directory Users

60 Billion

Hits to Websites run on
Azure Web App Service

57%

Of Fortune 500 Companies
use Microsoft Azure

1 Trillion

Messages delivered every
month with Event Hubs

Azure is an Open Cloud

MS Integrated

Languages, Dev
Tools & App
Containers



CMS & Apps



Devices



Databases



Management



Operating
systems



Ecosystem Provided



Jenkins

Bring your own

Windows® **Web App Gallery**
Dozens of .NET & PHP CMS and Web applications



Xamarin



APACHE **CORDOVA™**

Via HTML/JS, cross-platform and native



cleardb



MySQL



mongoDB

DocDB

DataStax



ANSIBLE



SALTSTACK

libcloud

jclouds



VM Depot PREVIEW
by Microsoft Open Technologies



FreeBSD

Bring
your own

Platform Services

Security & Management

- Portal
- Active Directory
- Multi-Factor Authentication
- Automation
- Key Vault
- Store / Marketplace
- VM Image Gallery & VM Depot

Compute

- Cloud Services
- Service Fabric
- Batch
- Remote App

Web and Mobile

- Web Apps
- API Apps
- API Management
- Mobile Apps
- Logic Apps
- Notification Hubs

Developer Services

- Visual Studio
- Azure SDK
- Team Project
- Application Insights

Hybrid Operations

- Azure AD Connect Health
- AD Privileged Identity Management
- Backup
- Operational Insights
- Import/Export
- Site Recovery
- StorSimple

Integration

- Storage Queues
- Biztalk Services
- Hybrid Connections
- Service Bus

Analytics & IoT

- HDInsight
- Machine Learning
- Data Factory
- IoT and Event Hubs
- Stream Analytics
- Mobile Engagement

Data

- SQL Database
- SQL Data Warehouse
- Redis Cache
- Search
- DocumentDB
- Tables

Media & CDN

- Media Services
- Content Delivery Network (CDN)

Infrastructure Services

Compute

- Virtual Machines
- Containers

Storage

- BLOB Storage
- Azure Files
- Premium Storage

Networking

- Virtual Network
- Load Balancer
- DNS
- Express Route
- Traffic Manager
- VPN Gateway
- Application Gateway

Datacenter Infrastructure (24 Regions, 19 Online)



Analytics and IoT

Transform data into intelligent action

