



# Microsoft Azure Workshop

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@ScroffTheBad



## People

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## Agenda

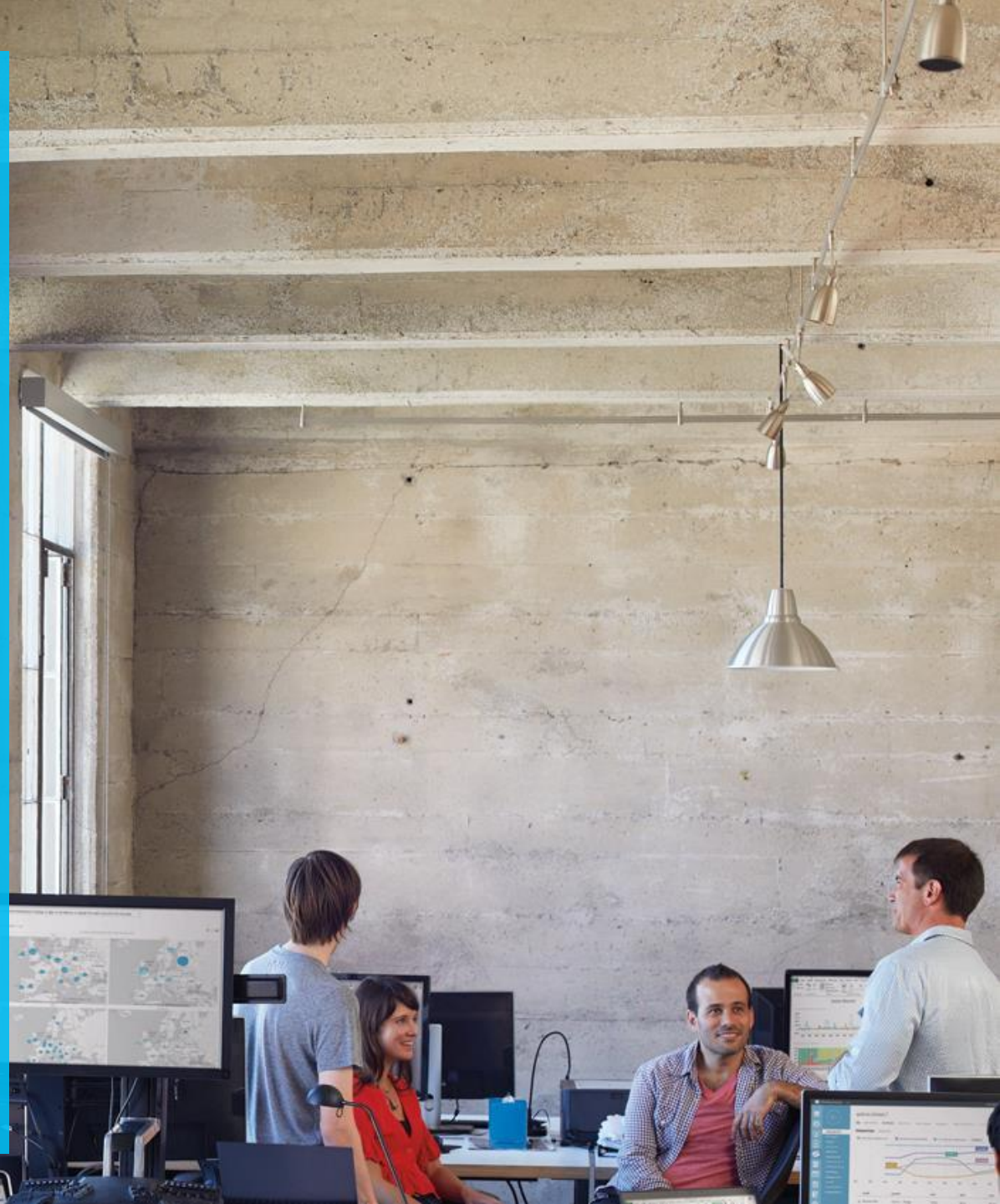
- 10:00 AM Workshop starts, with breaks for coffee, and lunch around 1pm
  - Data on Azure
  - Microservices and containerisation
  - DevOps
  - Design Considerations - Richard 'Tricky' Bassett [tricky@trickybusiness.com](mailto:tricky@trickybusiness.com)
  - Partnering with Microsoft
- 2:15 PM Intelligence as an Embedded Service Masterclass
- 4:15 PM Informal networking and close





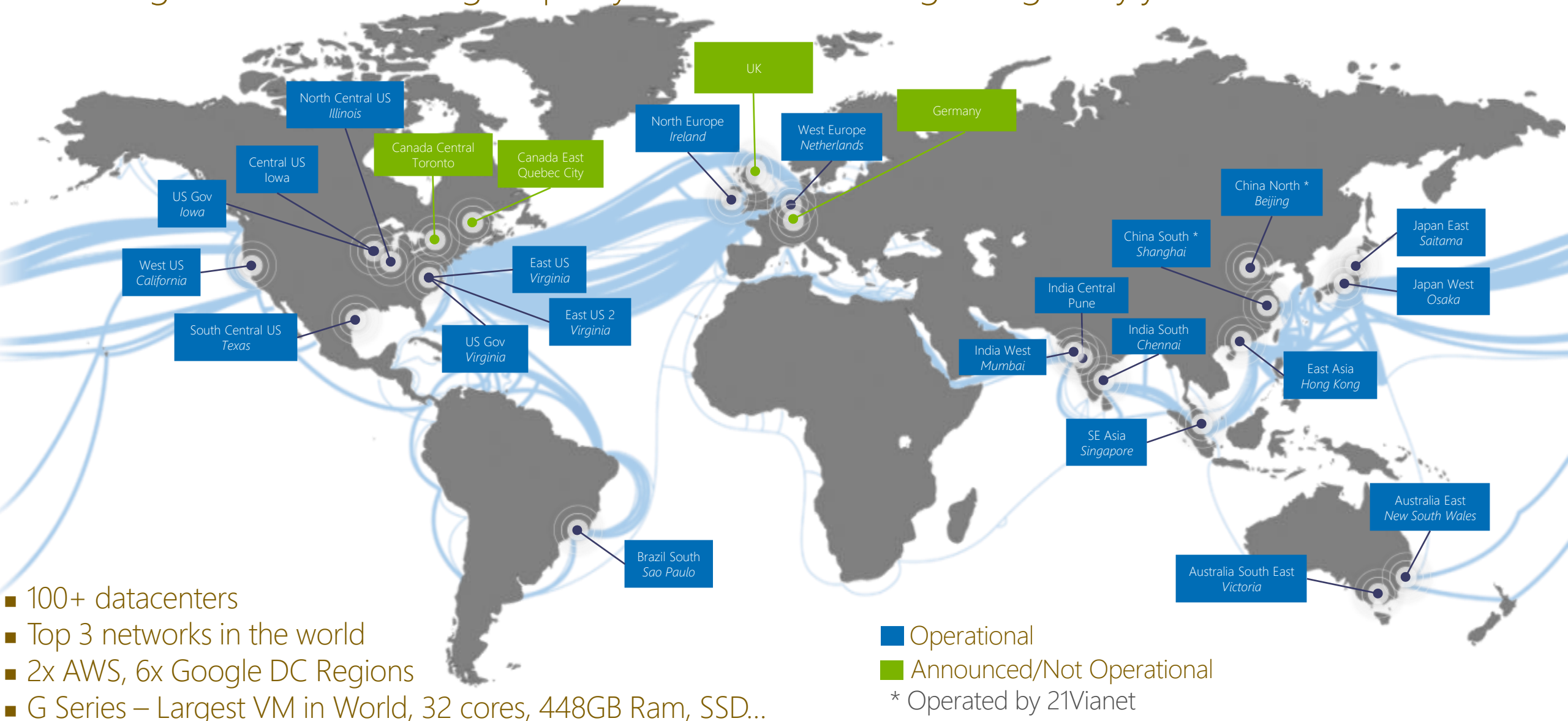
# Microsoft Azure

The cloud platform  
built for business and  
innovation



# Huge infrastructure scale is the enabler

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



# 500+

New releases in  
the last 12 months

Azure Site Recovery: Protect VMWare and Physical Servers in Public Preview

Azure Backup Generally Available

Azure API Management Premium simplifies high availability and massive scale for APIs

ExpressRoute for Office 365

Azure Active Directory Dynamic Membership For Groups

Automatic Password Change for Social Media Shared Accounts

Compute-Intensive A10 and A11 Virtual Machine Instances

Remote Desktop app for Windows Phone support for Gateway and Remote Resources

Informatica Cloud Agent availability in Linux and Windows Virtual Machines

Azure DocumentDB Hadoop Connector

Azure HDInsight support for more VM sizes

Enterprise-Grade Array-Based Replication and Disaster Recovery with ACB and Custom Gateway CA



# Azure is an open cloud

## DevOps

**Nagios**

**VAGRANT**



**Gradle**

Clients



**Xamarin**



APACHE  
**CORDOVA**

## Management



**puppet labs**



ANSIBLE

**SALTSTACK**



mist.io



libcloud



**SCALR**  
CLOUD MANAGEMENT

## Applications



PaaS &  
DevOps

apprenda®

**Jelastic**



CLOUD  
FOUNDRY



## App Frameworks & Tools



**nodeJS**



Java



**IntelliJ IDEA**

**eclipse**

## Databases & Middleware



**redis**

**clear db**

**cloudera**



mongoDB



**Couchbase**

## Infrastructure



**redhat**



**bitnami**

**ORACLE**  
LINUX



FreeBSD



**docker**

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)



# IOT & DATA INNOVATION PROGRAM

Jul – Sep 2016

## WHAT IS IT?

Microsoft is partnering with communities to launch a new round Internet of Things & Data Innovation Programme to support up to **5 startups** to accelerate bringing products and services to market through free technology, tools, training, go to market advisory & networking opportunities:

- Up to \$120k free Azure cloud services for 1 year (via BizSpark Plus)
- Microsoft Tech Advisory to support development
- Networking & Pitch Advisory with Microsoft Ventures Accelerator
- Free technology and tools incl Azure, Visual Studio, Office365, Windows 10
- Go To Market advisory & Networking opportunities with Microsoft partners and customers.

*Deadline 30<sup>th</sup> June  
for applications*



Microsoft Azure



