A Journey
To The Cloud

Where are you today? Where can you be tomorrow?

Azure: The Art of the Possible

Dan Fluet Dan.Fluet@Tallan.com
Cloud Practice Director

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Agenda

Schedule Of Events	Session	Speaker
9:00-9:30am	Event Check-in & Breakfast	
9:30-10:30	Azure - Art of the Possible	Dan Fluet - Cloud Practice Director
10:30-12:00	Interactive Demos: Deployment in Microsoft Azure - Service Fabric - Reliable Actors - Reliable Services - .NET CORE - Deployment through Visual Studio - Team Foundation Server / VSTS	Steve Kimble - Sr Consultant
12:00-1:00	Lunch / Networking	
1:00-2:00	Interactive Demos: Azure Event Hubs & Stream Analytics - Event Hub - Stream Analytics - Integration with Service Fabric - Integration with Azure Service Bus	Steve Kimble - Sr Consultant
2:00-2:30	Interactive Demo - Mobile Notifications - Orchestrations - Azure Logic Apps	Steve Kimble - Sr Consultant
2:30-2:45	What's New In Visual Studio 2015 - Application Insights - Target Platforms - Emulators	Dan Fluet - Cloud Practice Director
2:45 - 3:00	Q&A Wrap Up	

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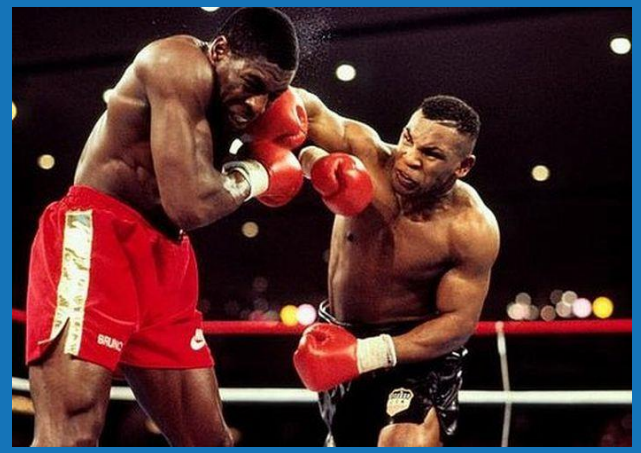

Pain is a kind of **shortcut** to mindfulness:

it makes us suddenly aware of **EVERYTHING**
in the environment - Brock Bastian

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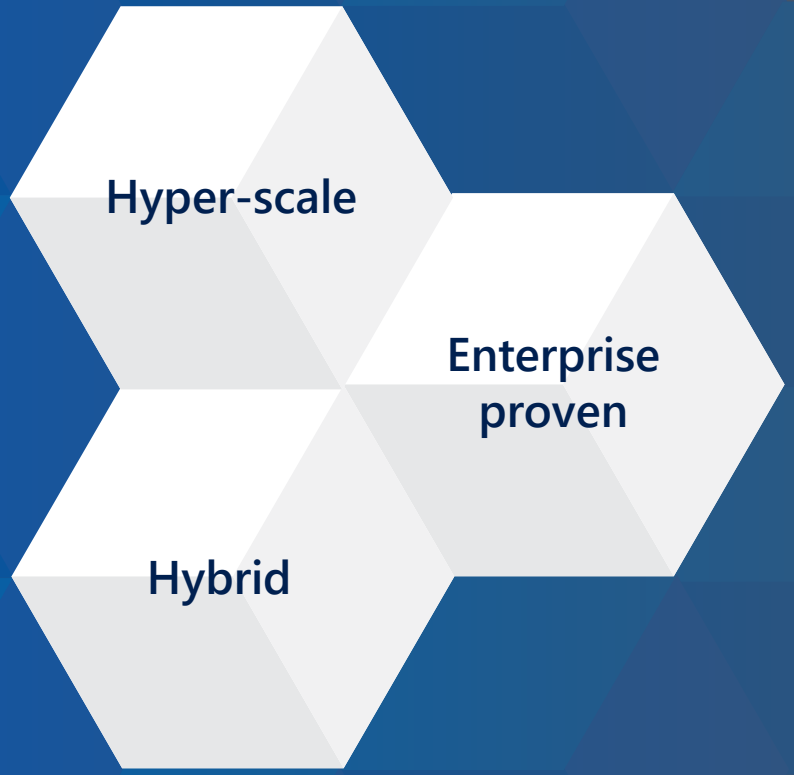

Azure

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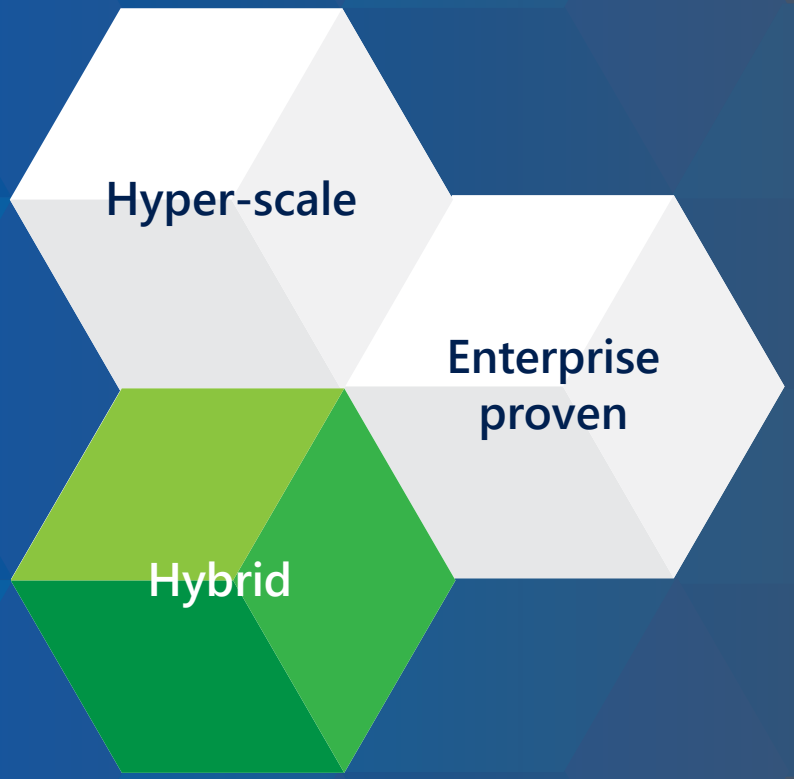
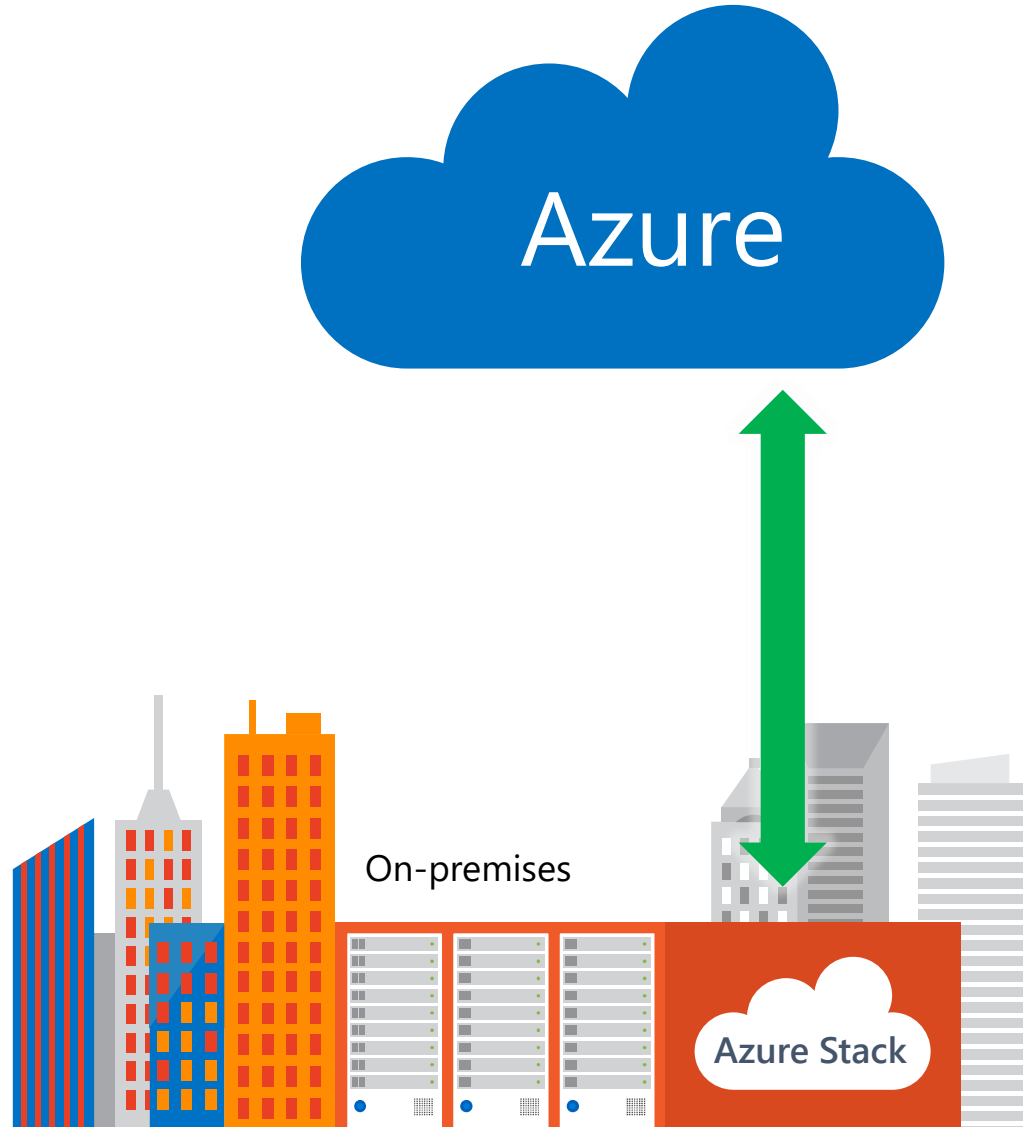


Hybrid



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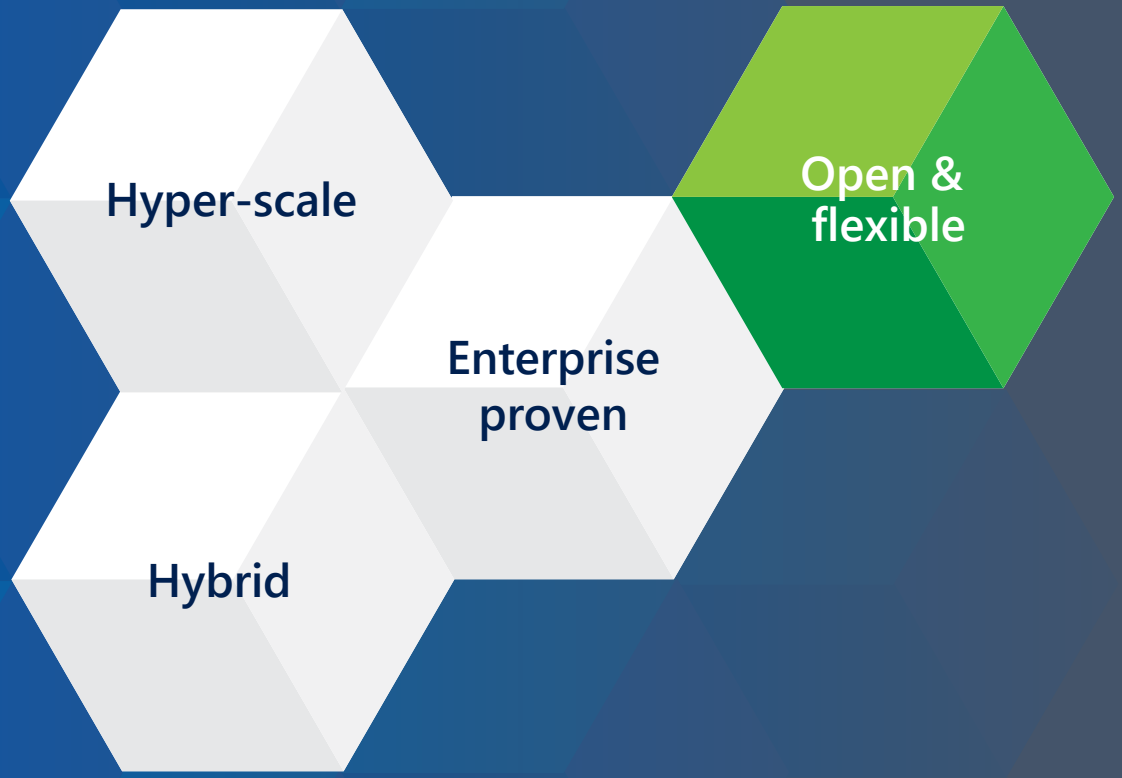

Open + Flexible

Management

puppet labs · CHEF · ANSIBLE · GitHub

Applications

apprenda · WordPress · Joomla! · Drupal · CLOUD FOUNDRY

App Frameworks

nodeJS · python · Java · php · Ruby

Databases & Middleware

cloudera · mongoDB · hadoop · MySQL

Infrastructure

FreeBSD · Linux · docker

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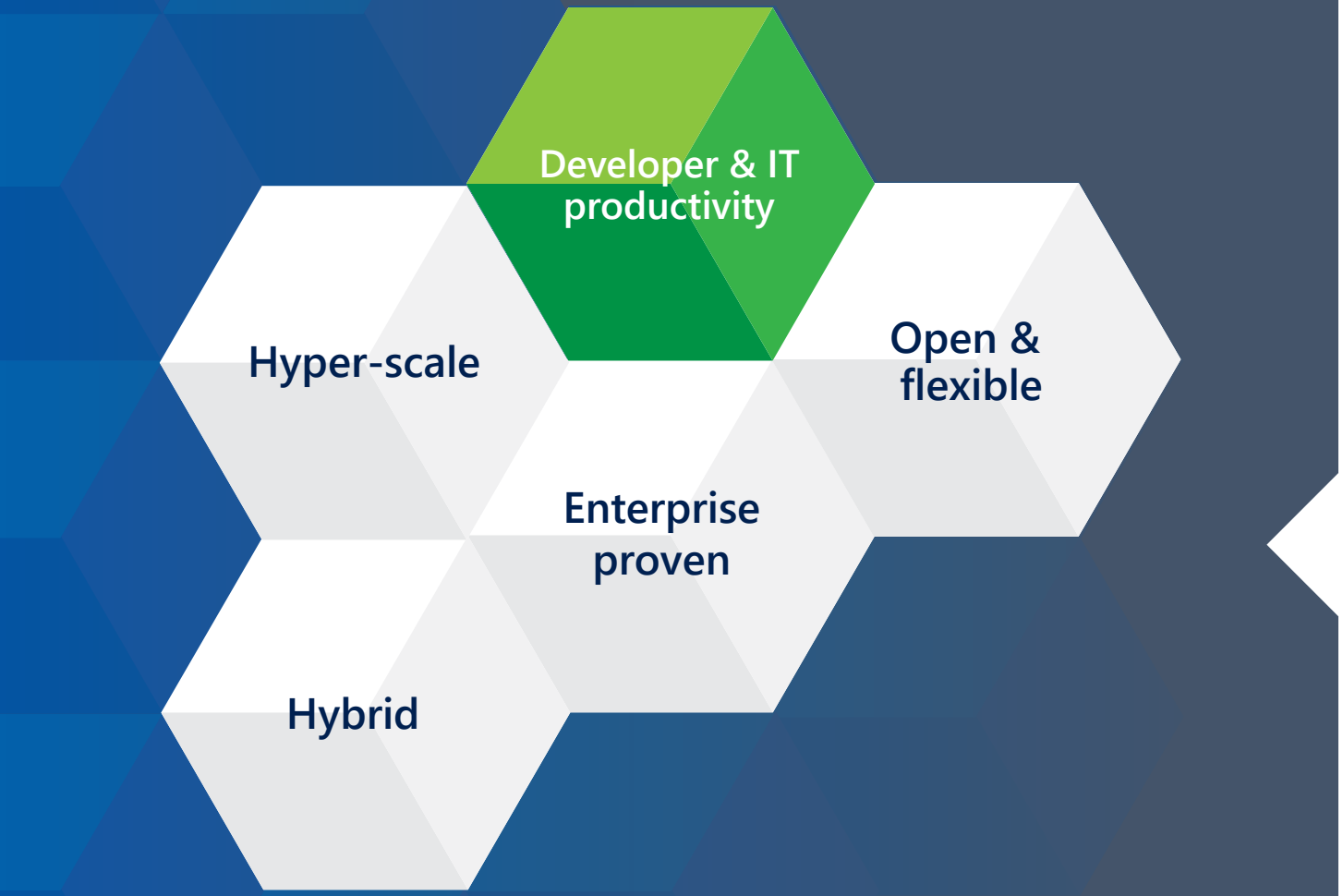
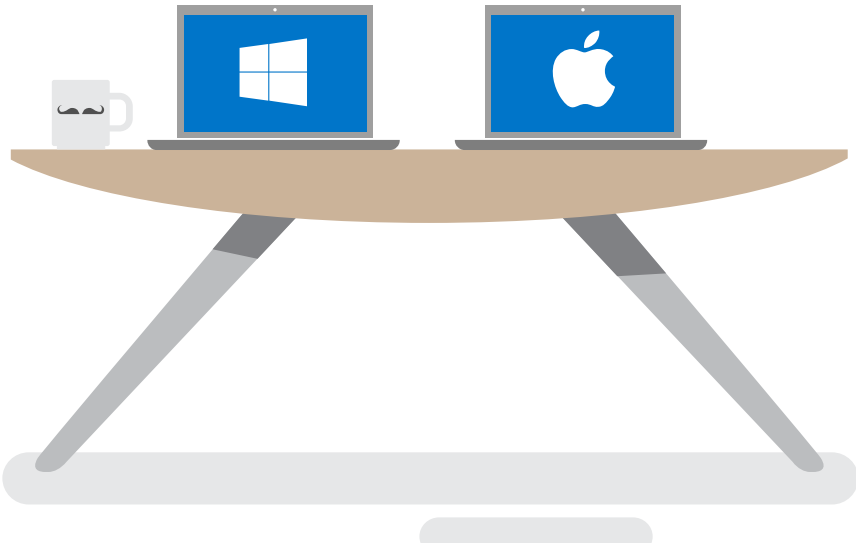


Dev + IT productivity

- Visual Studio
- GitHub
- Eclipse
- Chef + Puppet
- Powershell



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Developer & IT productivity

Hyper-scale

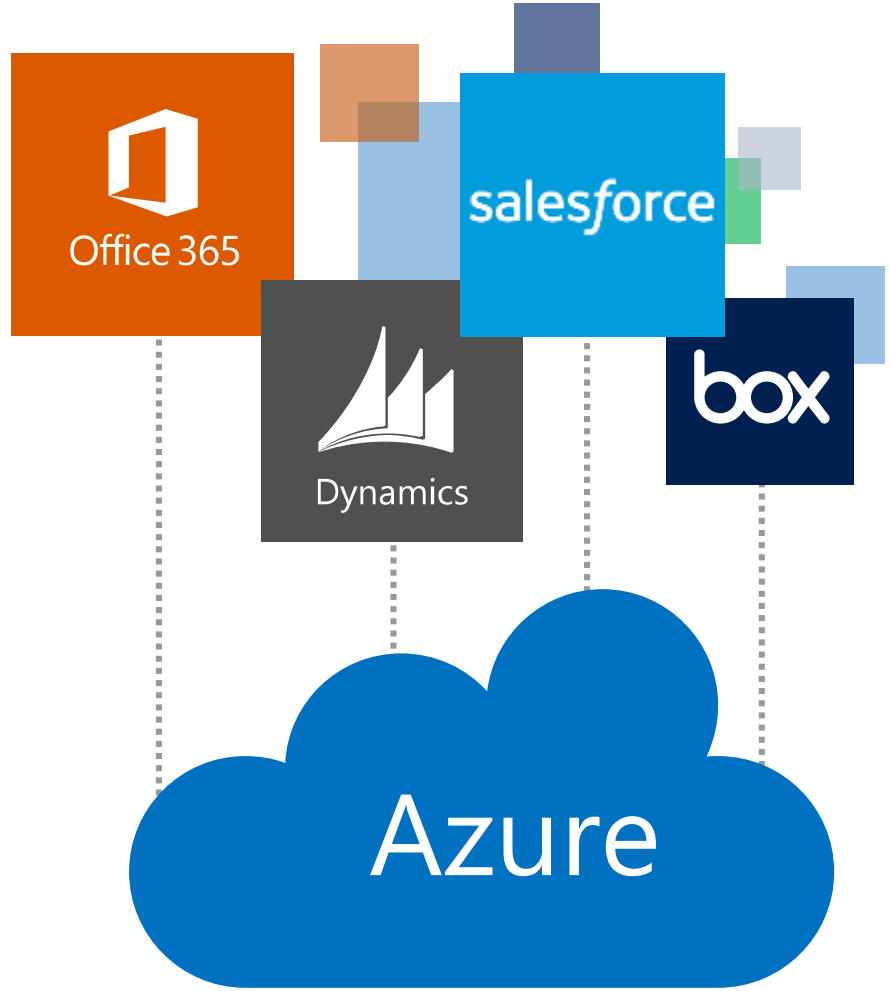
Open & flexible

Enterprise proven

Hybrid

Platform for SaaS extensibility

SaaS extensibility



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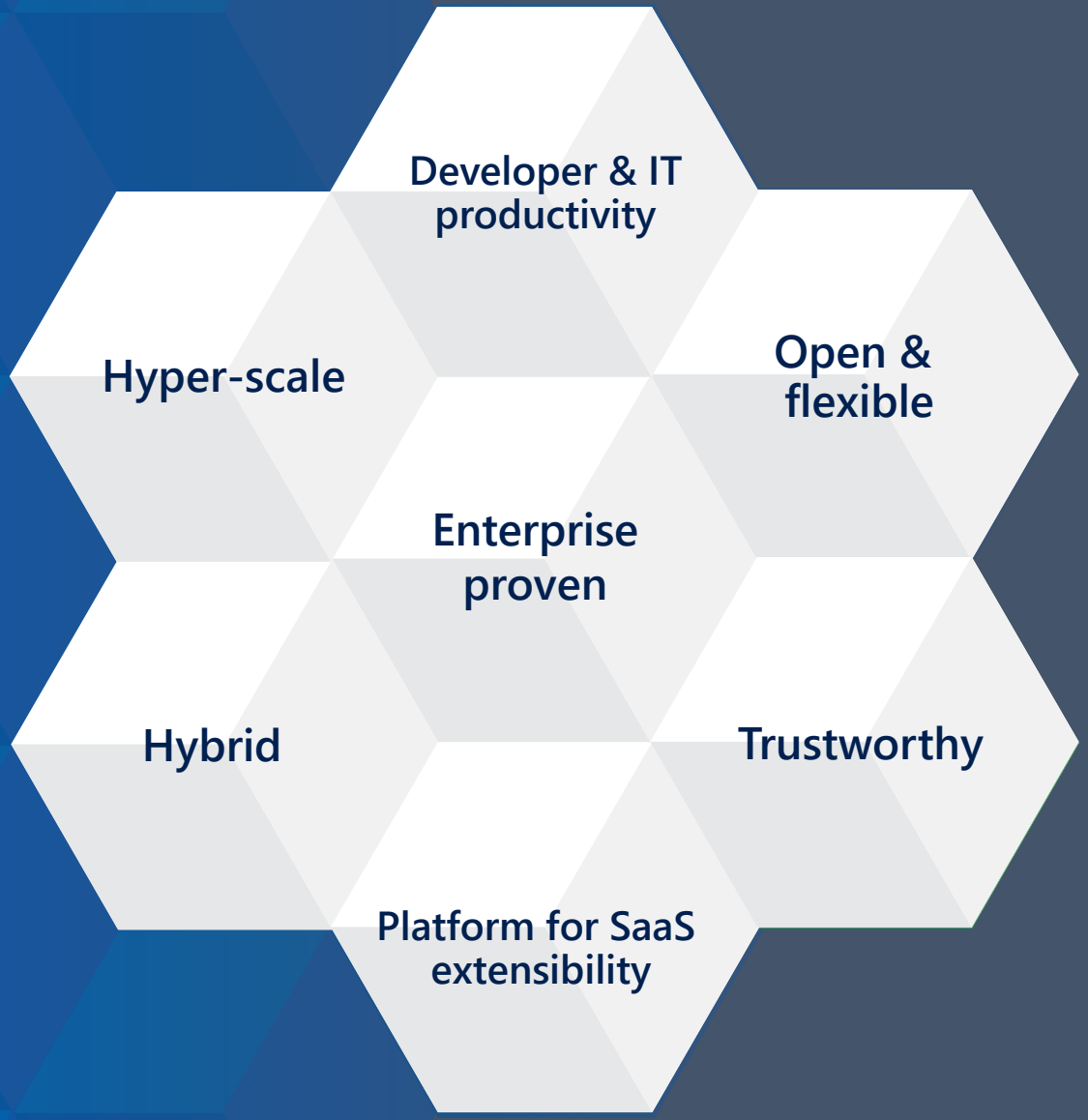

Trustworthy

More compliance certifications than any other cloud

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Azure momentum

>90,000

New Azure customer subscriptions/month

>1.5 Million

SQL Databases running on Azure

>500 Million

Users in Azure Active Directory

1.5 Trillion

Messages per month processed by Azure IoT

777 Trillion

Storage Transactions per day

60 Billion

Hits to Websites run on Azure Web App Service

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>80%

of Fortune 500 use the Microsoft Cloud

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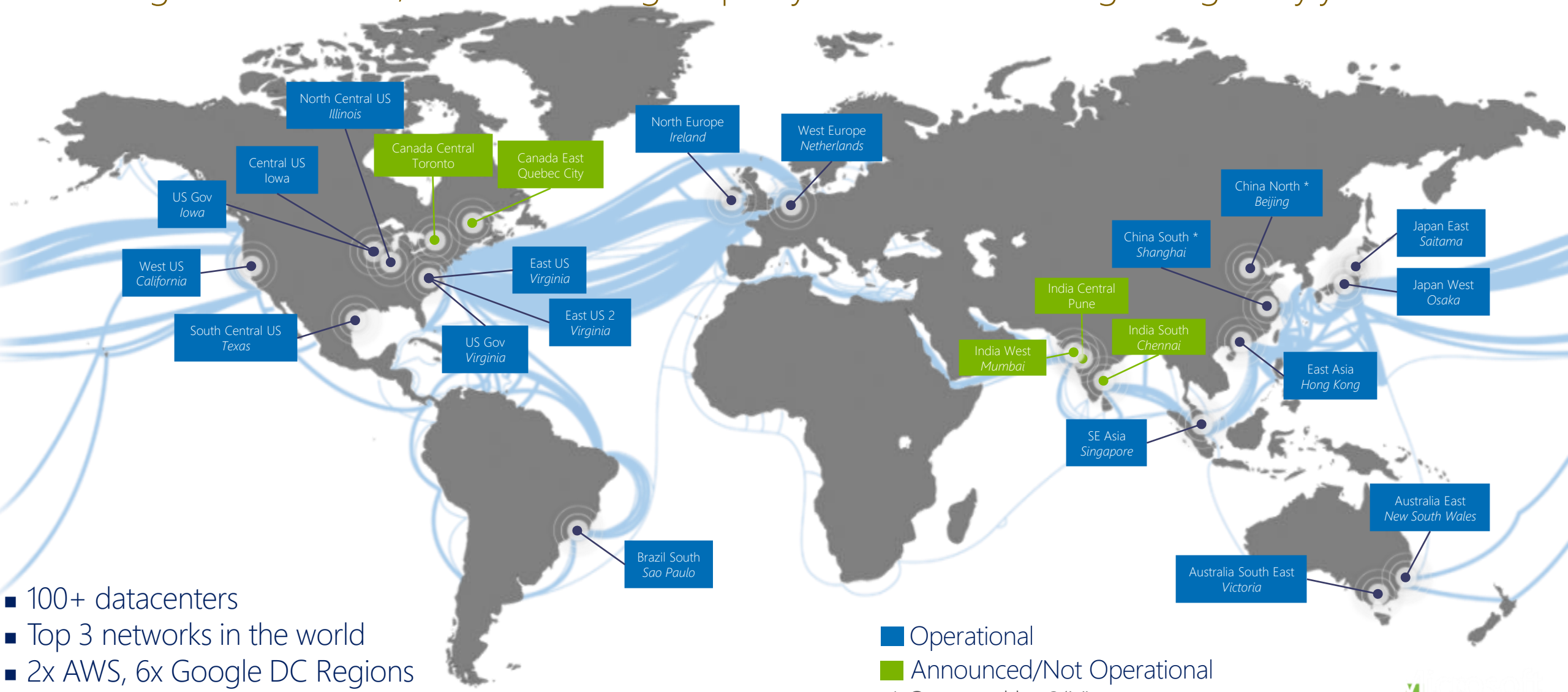
Microsoft

Huge infrastructure scale is the enabler

24 Regions Worldwide, 19 ONLINE…huge capacity around the world…growing every year



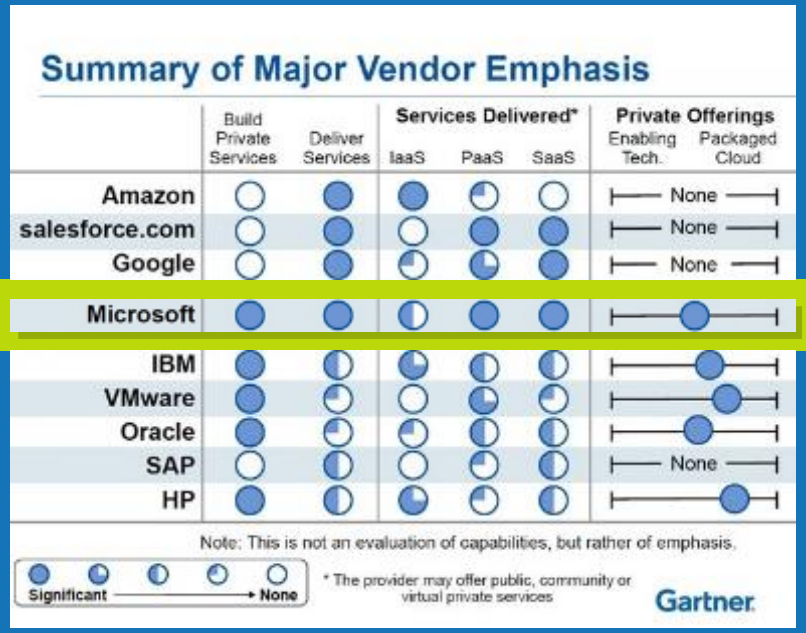
- 100+ datacenters
- Top 3 networks in the world
- 2x AWS, 6x Google DC Regions
- G Series – Largest VM in World, 32 cores, 448GB Ram, SSD…

Operational

Announced/Not Operational

* Operated by 21Vianet

Industry validation

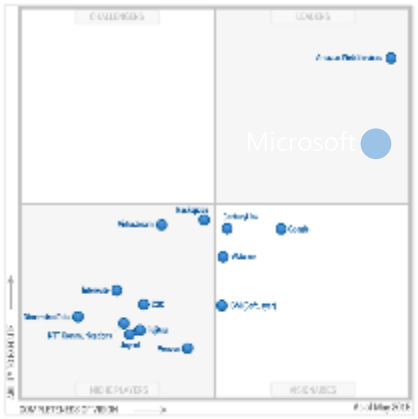


"Microsoft's comprehensive hybrid story, which spans applications and platforms as well as infrastructure, is highly attractive to many companies, drawing them towards the cloud in general."

LYDIA LEONG,
GARTNER

Microsoft Leads Everywhere…

Public Cloud IaaS (May 2015)



Cloud Storage (June 2015)

Enterprise App PaaS (Jan 2014)

X86 Server Virt (July 2015)

Operational DBMS Systems (Oct 2014)

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

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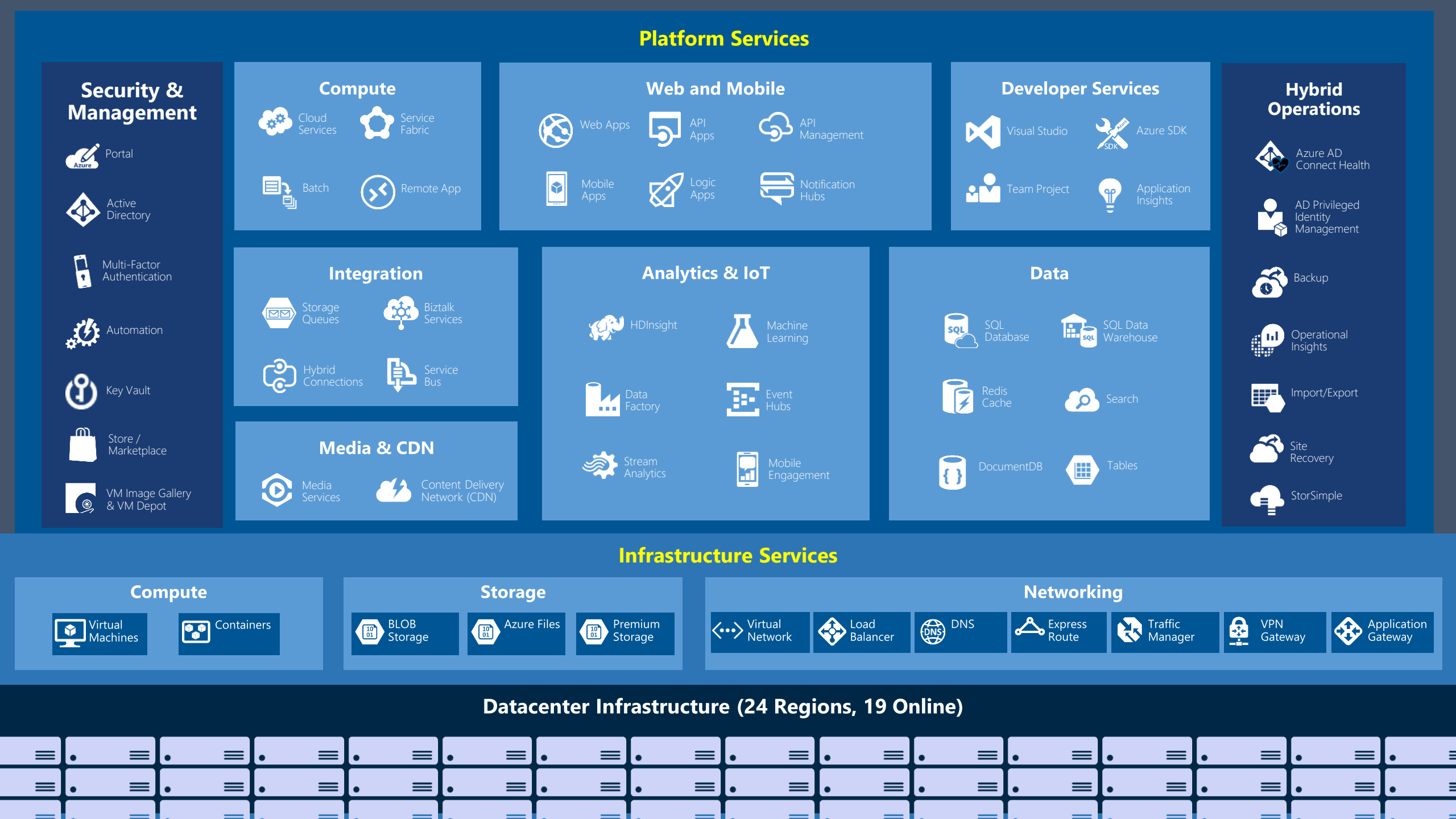
Platform Services
Security & Management
Portal
Active Directory
Multi-Factor Authentication
Automation
Key Vault
Store / Marketplace
VM Image Gallery & VM Depot
Compute
Cloud Services
Service Fabric
Batch
Remote App
Web and Mobile
Web Apps
API Apps
API Management
Mobile Apps
Logic Apps
Notification Hubs
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
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)

Reinvent productivity
& business processes
BUSINESS
TRANSFORMATION
Differentiation • Agility • Cost
Create more
personal computing
Build the
intelligent cloud platform

What if I Could ….

… use tools I am familiar with …

… scale when needed …

… deploy
when I’m
ready …

… secure it easily …
SECURITY

demo

Why Partner with Microsoft on Azure?

Partner with the market leader in cloud compute
Learn from Tallan experts about cloud architecture
Build Cloud Compute offerings, skills and sales opportunities cost effectively
Take advantage of joint sales opportunities
Accelerate time to market for your cloud offerings
Increase customer SAT through expert solution selling, design and architecture
Decrease and expedite partner cost of sale
Gain competitive advantage
Recognize new opportunities and markets

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… on
Azure?

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