

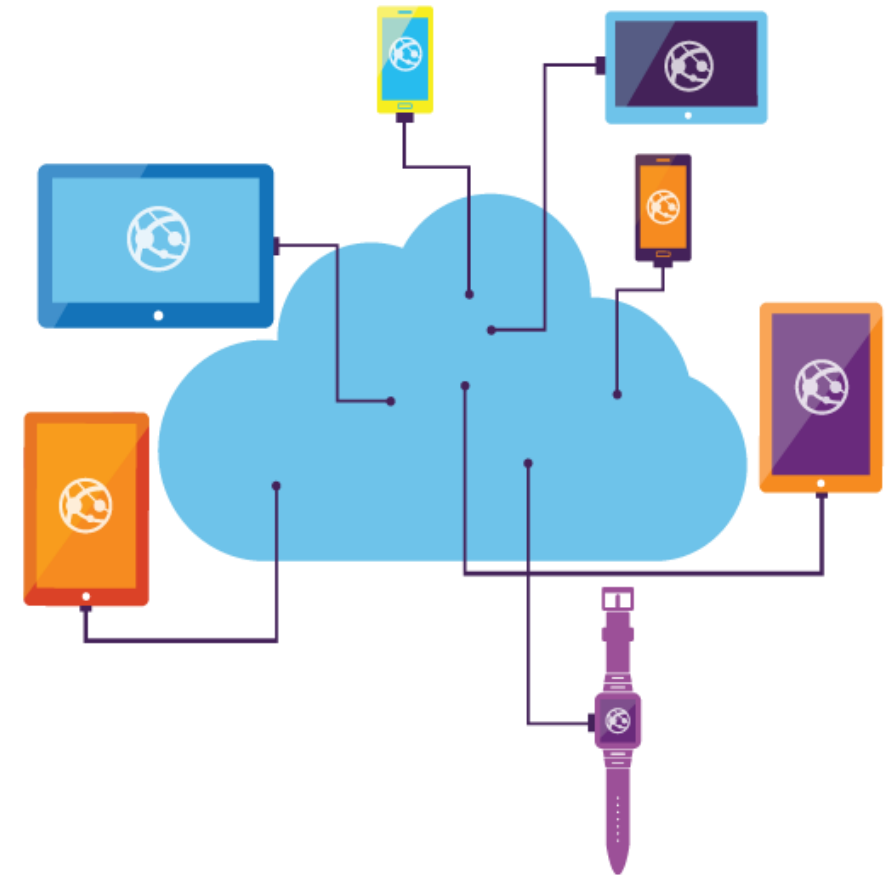
Introducing Microsoft Azure

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What is the cloud?

An approach to computing that's about internet scale and connecting to a variety of devices and endpoints

Cloud Computing

Microsoft Azure



IaaS

Infrastructure-as-a-Service

host



PaaS

Platform-as-a-Service

build

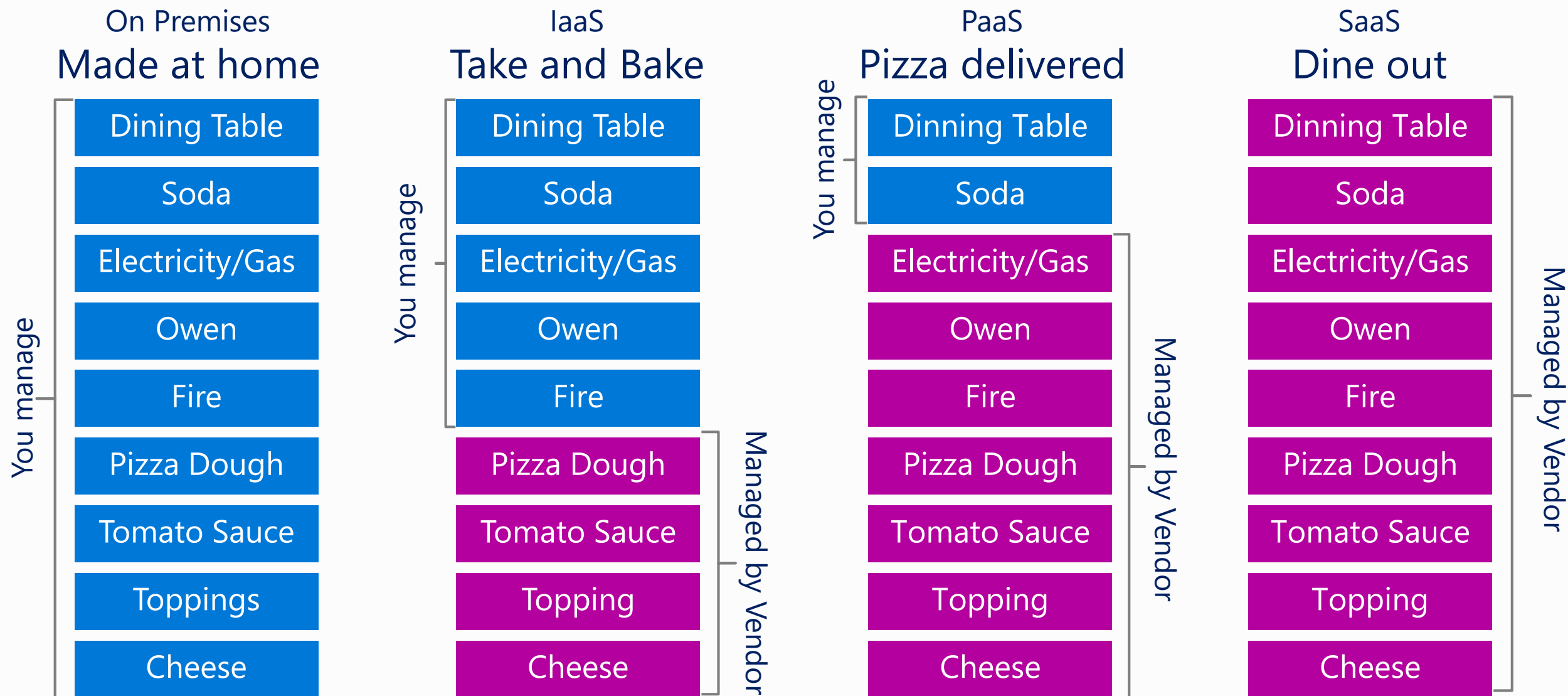


SaaS

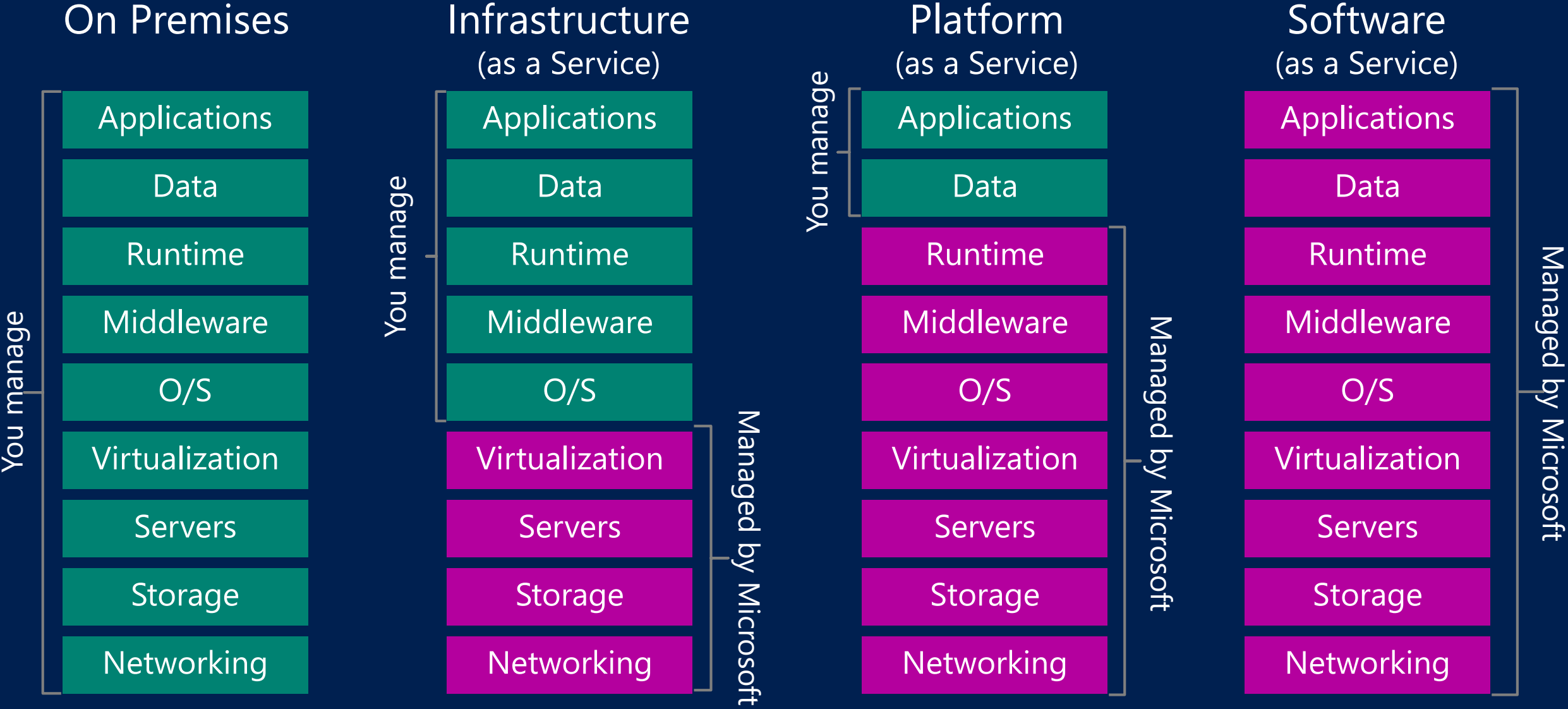
Software-as-a-Service

consume

Cloud Services *being hungry!*



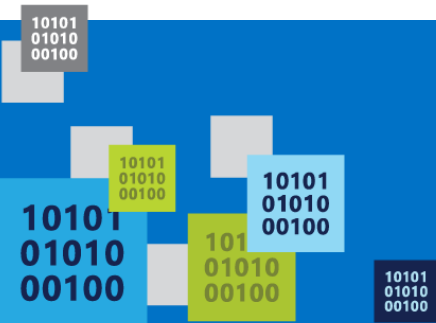
Cloud Services (a.k.a Cloud Models)



Why the cloud?

- Rapidly setup environments to drive business priorities
- Scale to meet peak demands
- Increase daily activities, efficiency and reduced cost.

Why the cloud?



Infrastructure designed for Scale

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

* Operated by 21Vianet

 Windows Azure



38

Azure compute
regions open today

More than AWS and
Google Cloud combined

Datacenters recently
added in Canada, China,
and India







Hyper-scale

Enterprise
proven

Hybrid

Azure

Leading the journey to the Cloud

Microsoft Azure

DEVELOPER + APP PLATFORM

Visual Studio Family + Azure App Service

DATA + ANALYTICS

Cortana Analytics Suite

INTERNET OF THINGS

Azure IoT Suite

CLOUD INFRASTRUCTURE

Azure + Azure Stack + Operations Management Suite

Microsoft Azure

CLOUD INFRASTRUCTURE

Compute



Virtual Machines



Containers



Remote App



Batch

Storage



Blob Storage



Azure Files



Premium
Storage



Active Directory



Multi-Factor Auth



Automation



Key Vault

Security + Management

Networking



Express Route



Virtual Network



Load Balancer



DNS



Traffic Manager



VPN Gateway



Application
Gateway

Hybrid Operations



Azure AD
Connect Health



AD Privileged
Identity Mgmt



Backup



Operational Insights



Import/Export



StorSimple



Site Recovery






Demo: Azure Portal







Microsoft Azure

DEVELOPER + APP PLATFORM





App Platform Services

-  App Service
-  Notification Hubs
-  API Management
-  Service Fabric
-  Cloud Services



Integration

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

Development Tools

-  Visual Studio
-  Visual Studio Online
-  Application Insights
-  Azure SDK

Media & CDN

-  Content Delivery Network
-  Media Services

CLOUD INFRASTRUCTURE

Azure + Azure Stack + Operations Management Suite

Azure App Service

Build and scale great cloud apps



.NET, Java, Node.js, PHP, Python

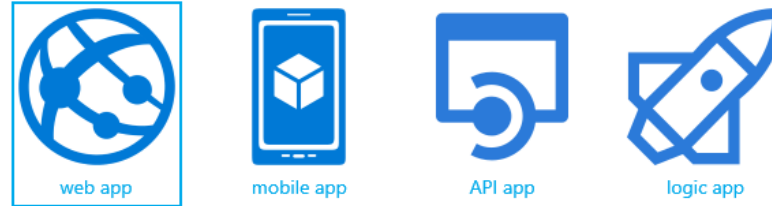
Auto patching

Auto scale

Integration with existing apps

Continuous deployment

1) Select your App Service

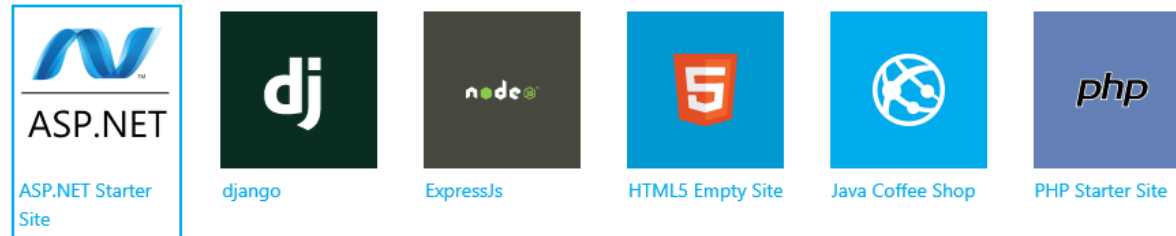


No Cost

No Signup or
Account Required

2) Select a template and create your web app

Change language:



Create ➔

Try App Service Today

Azure App Service Web Apps



Start simple

Easily create and scale your new sites in seconds

Automatically scale your sites that scale with your business

Quickly improve performance and reduce latency with right resources

Built-in web jobs support



Code smart

Leverage existing skills –
Languages and databases you know

Start with open source apps
and frameworks

Develop with VS and WebMatrix

Supports X-Plat development



Go live

Improve developer productivity
through continuous automated
deployment

Built-in monitoring of perf and
usage data

Built-in diagnostics to assist with
debugging

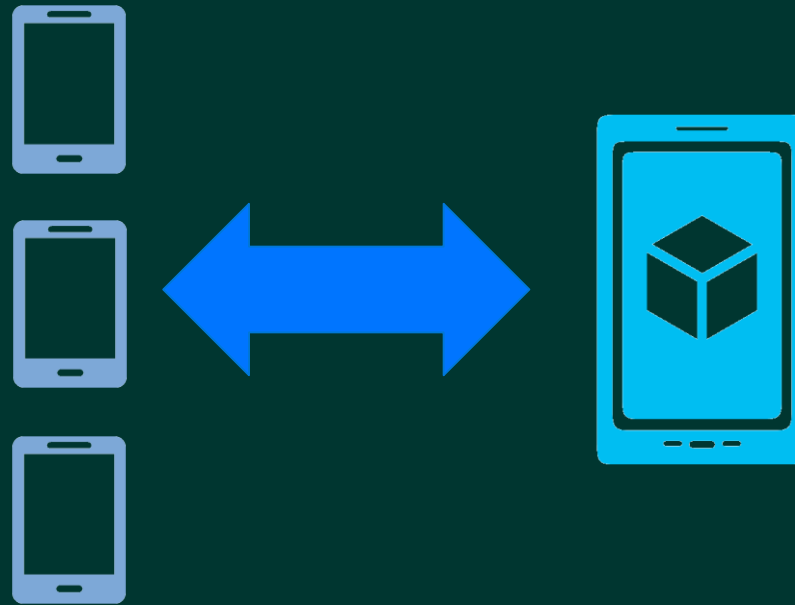
Built for DevOps

Office Blog
microsoft.com

ASP.NET site

Azure App Service Mobile Apps

- Provides essential services to support client development
- Client Support
 - iOS
 - Android
 - HTML5/Web
 - Xamarin
 - Windows
 - Windows Phone
 - PhoneGap
 - Sencha



Storage



Authentication



Logic



Push



Scheduler

Microsoft Azure

DATA + ANALYTICS

Data



SQL Database



DocumentDB



Redis Cache



Search



SQL Data Warehouse



Data Lake



Tables

Analytics



HDInsight



Machine Learning



Data Factory



Mobile Engagement

INTERNET OF THINGS

Azure IoT Suite

CLOUD INFRASTRUCTURE

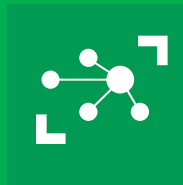
Azure + Azure Stack + Operations Management Suite



Intelligent
action

Microsoft Azure

INTERNET OF THINGS



IoT Hub



Stream
Analytics



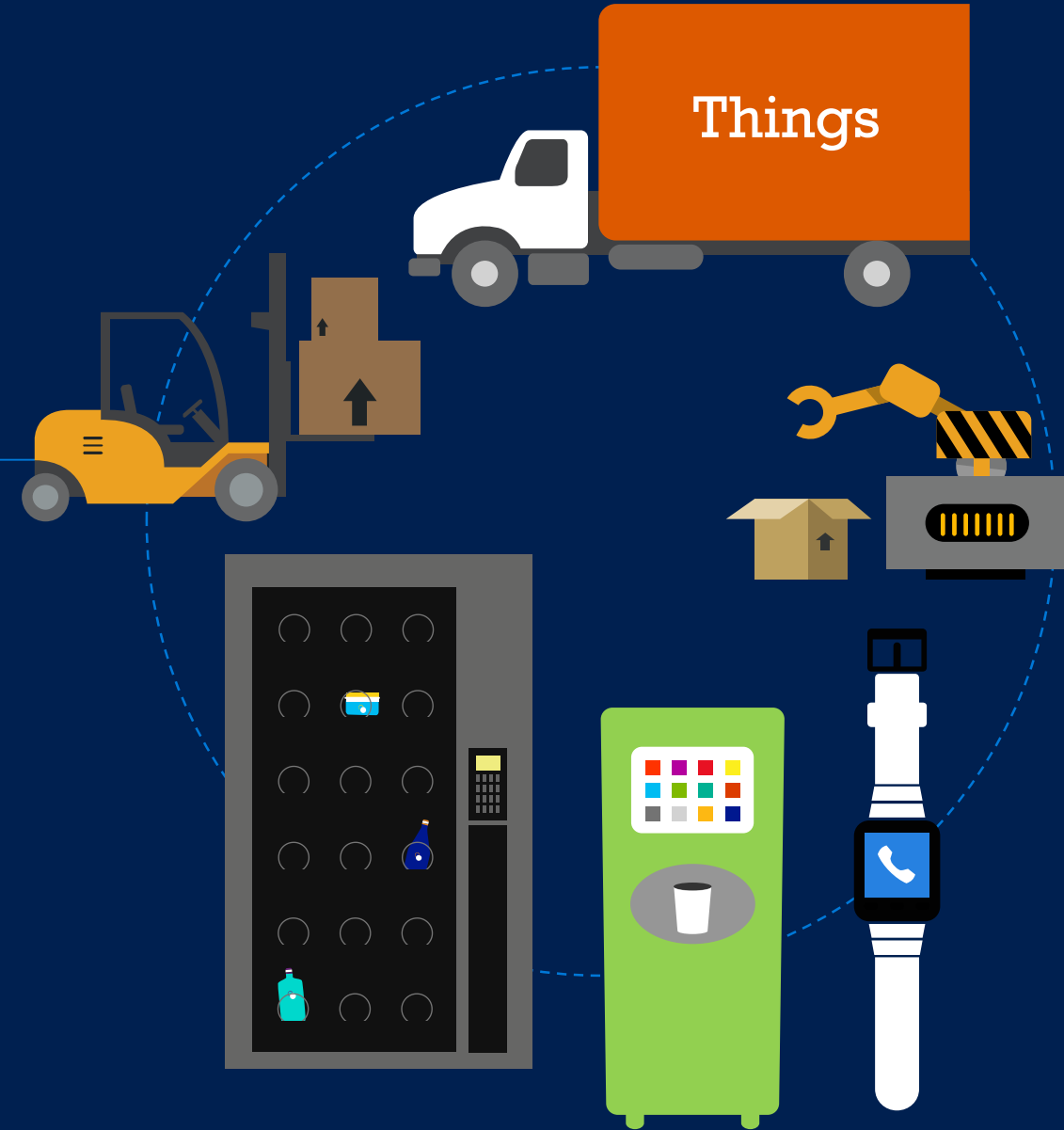
Logic Apps

CLOUD INFRASTRUCTURE

Azure + Azure Stack + Operations Management Suite

Now Available to Purchase Azure IoT Suite

Device Connectivity and Security
Data Ingestion and Command & Control
Stream Processing & Predictive Analytics
Workflow Automation
Dashboards and Visualization
Preconfigured Solutions



A stylized background featuring a large, white, cloud-like shape with a blue outline. To the left, there are smaller, darker blue cloud shapes. The overall color scheme is light blue and white.

Get started today at
<http://azure.microsoft.com>