Azure App Service

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Balance of responsibility

Balance of control and responsibility depends on the category of the service

MOVE-IN READY
Use immediately with minimal configuration

SOME ASSEMBLY REQUIRED
Existing services are a starting point, with additional configuration for a custom fit

BUILD FROM THE GROUND UP
Building blocks, create your own solution or apps from scratch

Responsibility	On-Prem	IaaS	PaaS	SaaS
Applications	Customer	Customer	Customer	Microsoft
Data	Customer	Customer	Customer	Microsoft
Runtime	Customer	Customer	Microsoft	Microsoft
Middleware	Customer	Customer	Microsoft	Microsoft
O/S	Customer	Customer	Microsoft	Microsoft
Virtualization	Customer	Microsoft	Microsoft	Microsoft
Servers	Customer	Microsoft	Microsoft	Microsoft
Storage	Customer	Microsoft	Microsoft	Microsoft
Networking	Customer	Microsoft	Microsoft	Microsoft

Customer   Microsoft

Platform Services

Security & Management

- Security Center
- Portal
- Azure Active Directory
- Azure AD B2C
- Multi-Factor Authentication
- Automation
- Scheduler
- Key Vault
- Store/Marketplace
- VM Image Gallery & VM Depot

Media & CDN

- Media Services
- Media Analytics
- Content Delivery Network

Integration

- API Management
- BizTalk Services
- Logic Apps
- Service Bus

Compute Services

- Container Service
- VM Scale Sets
- Batch
- RemoteApp
- Dev/Test Lab

Application Platform

- Web Apps
- Mobile Apps
- API Apps
- Cloud Services
- Service Fabric
- Notification Hubs
- Functions

Developer Services

- Visual Studio
- Mobile Engagement
- VS Team Services
- Xamarin
- Application Insights
- HockeyApp

Data

- SQL Database
- SQL Data Warehouse
- DocumentDB
- SQL Server Stretch Database
- Redis Cache
- Storage Tables
- Azure Search

Intelligence

- Cognitive Services
- Bot Framework
- Cortana

Analytics & IoT

- HDInsight
- Machine Learning
- Stream Analytics
- Data Catalog
- Data Lake Analytics Service
- Data Lake Store
- IoT Hub
- Event Hubs
- Data Factory
- Power BI Embedded

Hybrid Cloud

- Azure AD Health Monitoring
- AD Privileged Identity Management
- Domain Services
- Backup
- Operational Analytics
- Import/Export
- Azure Site Recovery
- StorSimple

Infrastructure Services

Compute

- Virtual Machines
- Containers

Storage

- Blob
- Queues
- Files
- Disks

Networking

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

Datacenter Infrastructure (32 Regions, 24 Online)

Azure App Service

Enterprise-grade apps

Global data center footprint

Hybrid support

AAD integrated

Secure + compliant

Fully managed platform

Built-in auto scale and load balancing

High availability with auto-patching

Reduced operations costs
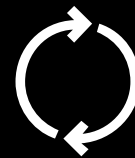
Backup and recovery

High productivity development

.NET, Java, PHP, Node, and Python

Staging and deployment

Testing in production

App gallery marketplace

App Service

Web Apps

Mobile Apps

API Apps
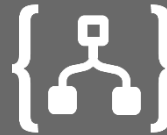
Logic Apps

Functions

DevOps productivity

| Source code control integration | CI/CD build and deploy | Staged deployments with slots | Auto scale on demand | Monitoring and alerting |

Application templates

| Umbraco | Orchard | Episerver | WordPress | DNN Platform | Joomla | Drupal |

acquia drupal 7

Multiple languages and frameworks

ASP.NET | ASP.NET Core 1.0 | Java | python | nodeJS | php

Enterprise workloads

| Industry standards | Global scale | Corporate connectivity | Azure Active Directory | Dedicated environments |
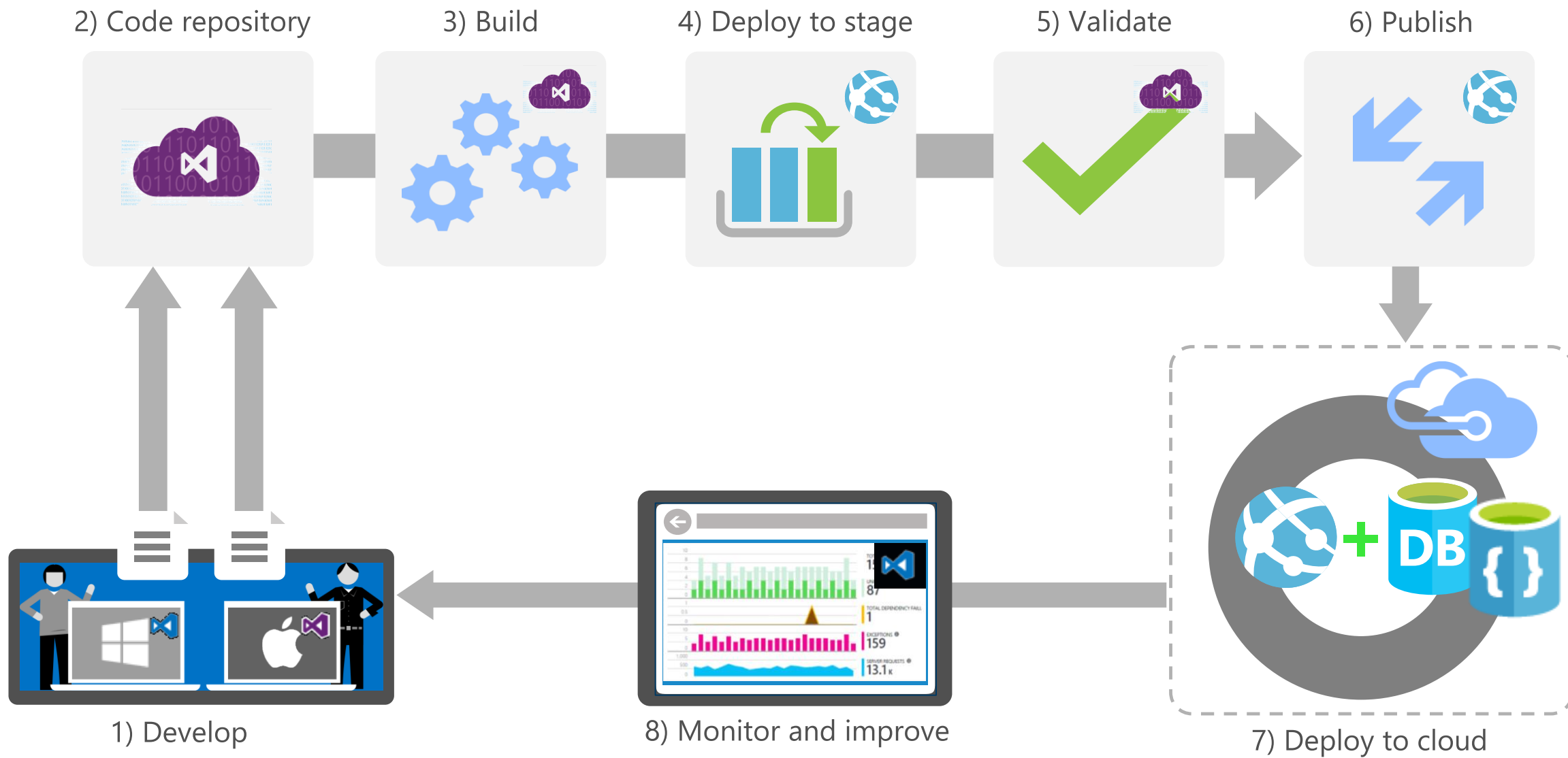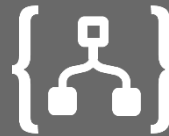
AICPA SOC 2 | ISO/IEC 27018 | PCI PCI-DSS

2) Code repository   3) Build   4) Deploy to stage   5) Validate   6) Publish

1) Develop   8) Monitor and improve   7) Deploy to cloud

Demo

1) API design

2) Generate clients

3) Implement logic

4) Compose

Swagger

Visual Studio

Web API

Java

PHP

node JS

Azure

DB

8) Measure

7) Control

5) Publish

6) Share

CACHE

QUOTAS

SECURITY

Azure

API

Developer Portal

Demo

App Service

Web Apps

Mobile Apps

API Apps
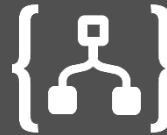
Logic Apps

Functions

Connect SaaS applications

salesforce

SharePoint Online

box   Marketo   SAP

Unlock value across on-premises and cloud

IBM Connections   SharePoint   Microsoft SQL Server   BizTalk Server Connector

Automate EAI, B2B/EDI, and business processes

XML {JSON} Flatfile   VETER Pipeline   AS2/X12/Edifact

Format conversion   Enterprise messaging   B2B

Enhance integration solution with Azure services

Functions   API management   Cognitive services   Machine learning   Blob storage   SQL database

Demo

App Service

Web Apps

Mobile Apps

API Apps

Logic Apps

Functions

Event-driven

Timer

Data processing

WebHook + API

Bind into services

Azure Blob Storage

Azure Queues

Azure Service Bus

OneDrive

Dropbox

Box

Google Drive

Accelerate development

Local development

Integrated DevOps

Package management

Function monitoring

Languages supported

C#

F#

JavaScript

PHP

PowerShell

Bash

Batch

Demo

App Service

Web Apps

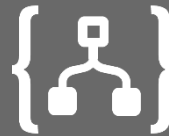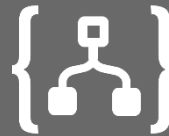Mobile Apps

API Apps

Logic Apps

Functions

Offline sync

SQL

User authentication

Facebook

Twitter

Microsoft

Google

Azure Active Directory

Push notifications

iOS
Apple iOS OSX

Android

Windows

Kindle

In-App

Data connections

Azure SQL database

Mongo DB

Document DB

Office 365

Azure tables

Demo

App Service

## From on-premises to the Cloud

Azure App Service (Multi-tenant)

Get your API, Mobile App or Web App created in seconds in the cloud. We provide the infrastructure, you provide your application code.

App Service Environment

Take control of your entire cloud environment. Manage all of the servers behind your public endpoint creating an isolated environment specifically for your organization.
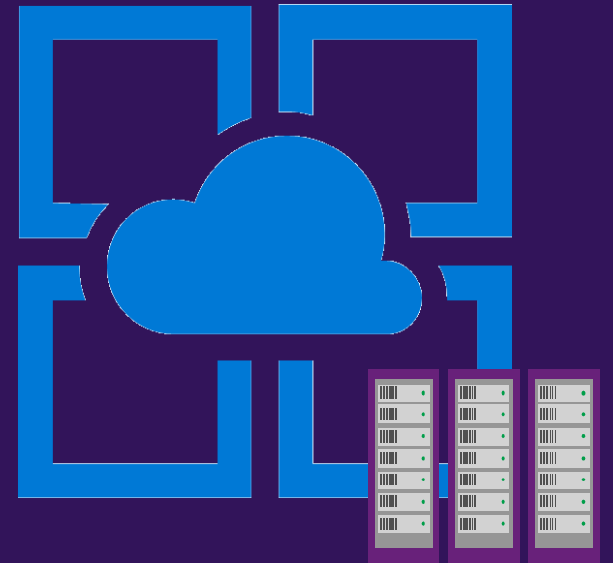
Azure Stack

Not able to take advantage of the Cloud? App Service on Azure Stack brings the power of Azure App Service to your own data centers.

Get started with Azure App Service !

Build free (no credit card required!) apps today! aka.ms/tryappservice

Learn more and get free training at http://azure.microsoft.com