



Microsoft Azure

Applications

Data + intelligence

Infrastructure

We've entered
a new era of computing,
but fundamental
elements of computing
remain the same

Apps that create
and contain data

Data that flows into
and out of applications

Infrastructure that is
the foundation for both



1970s

Mainframe era
One computer
per many users



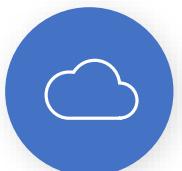
1980s

Personal
computer era
One computer
per user



2000s

Mobility era
Several computers per
user



2010s

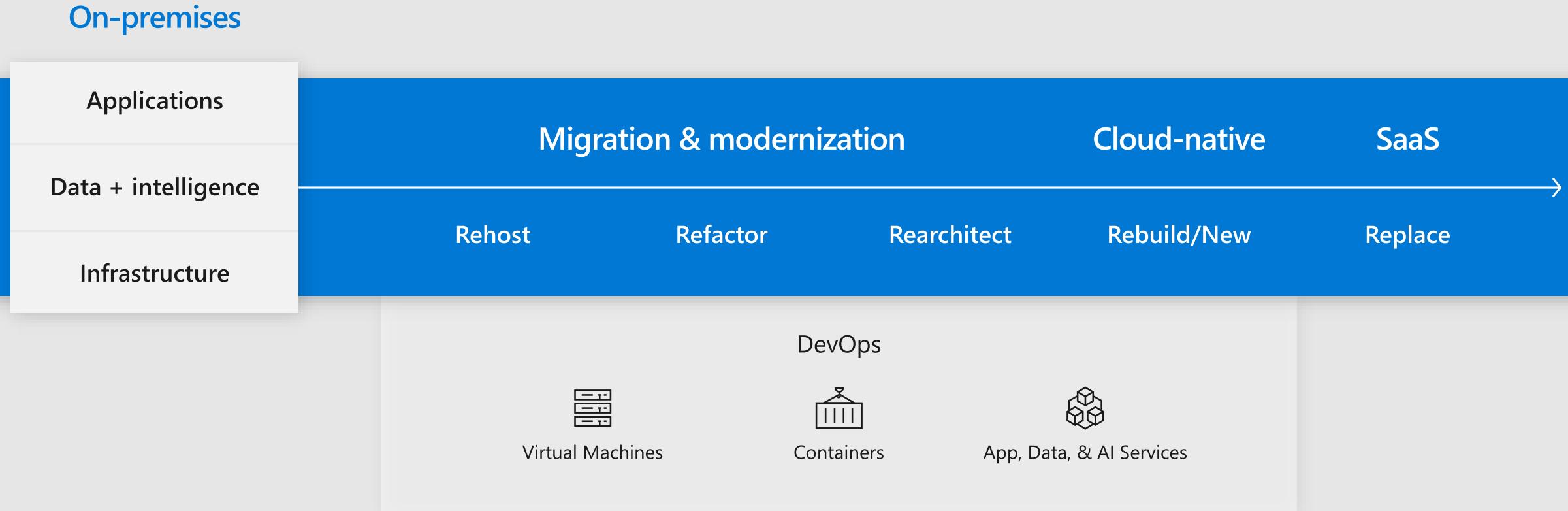
Cloud era
Many computers per
many users



2020 and beyond

Ubiquity era
Millions of computers
per many users

Customer cloud journey



Infrastructure that powers the Microsoft Cloud



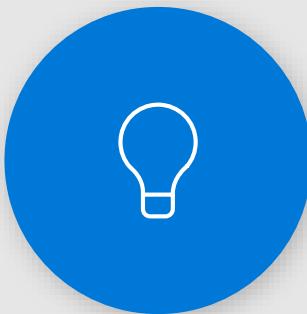
Global reach,
local presence



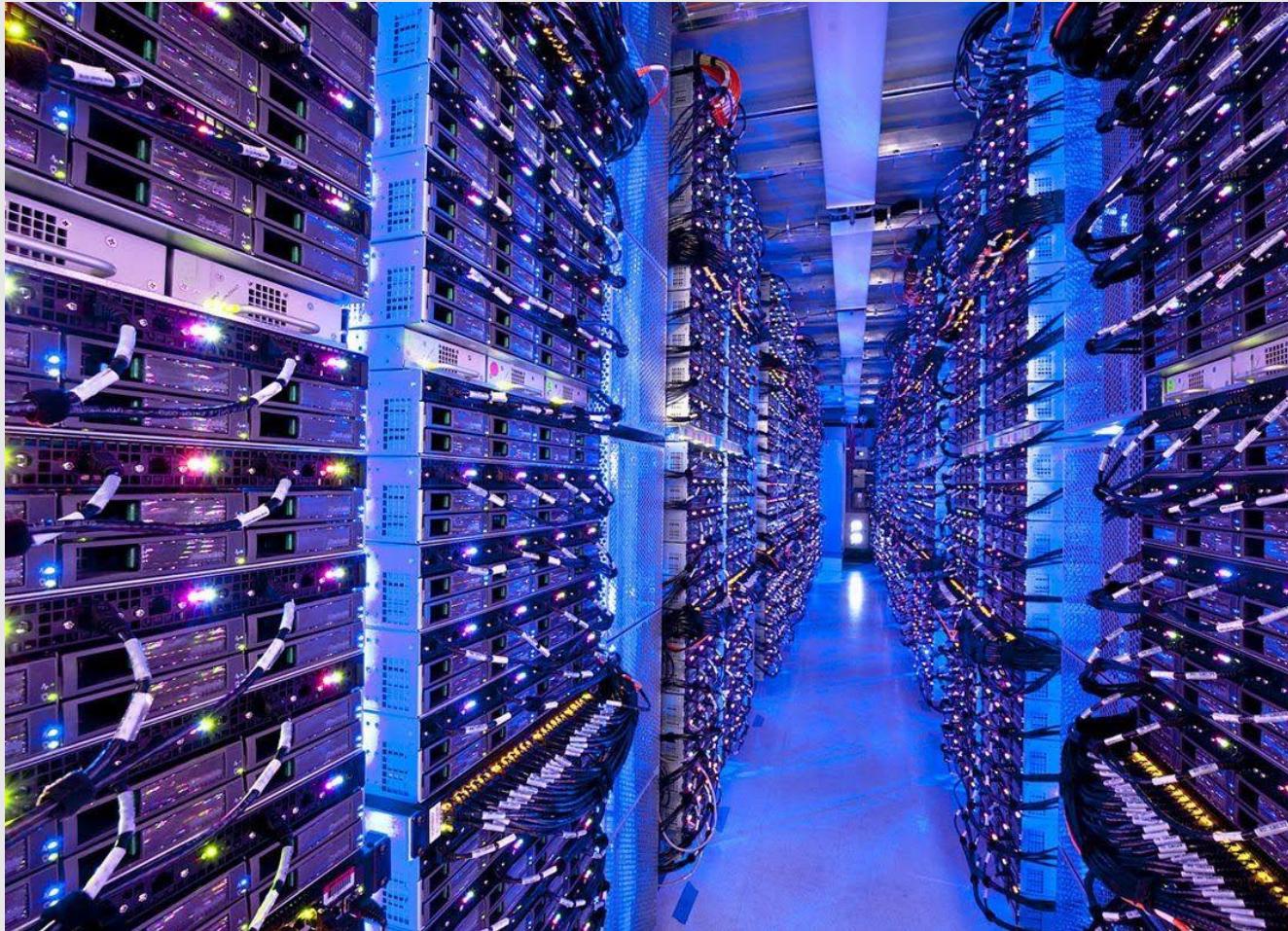
Secure
and compliant



Advancing a
sustainable future



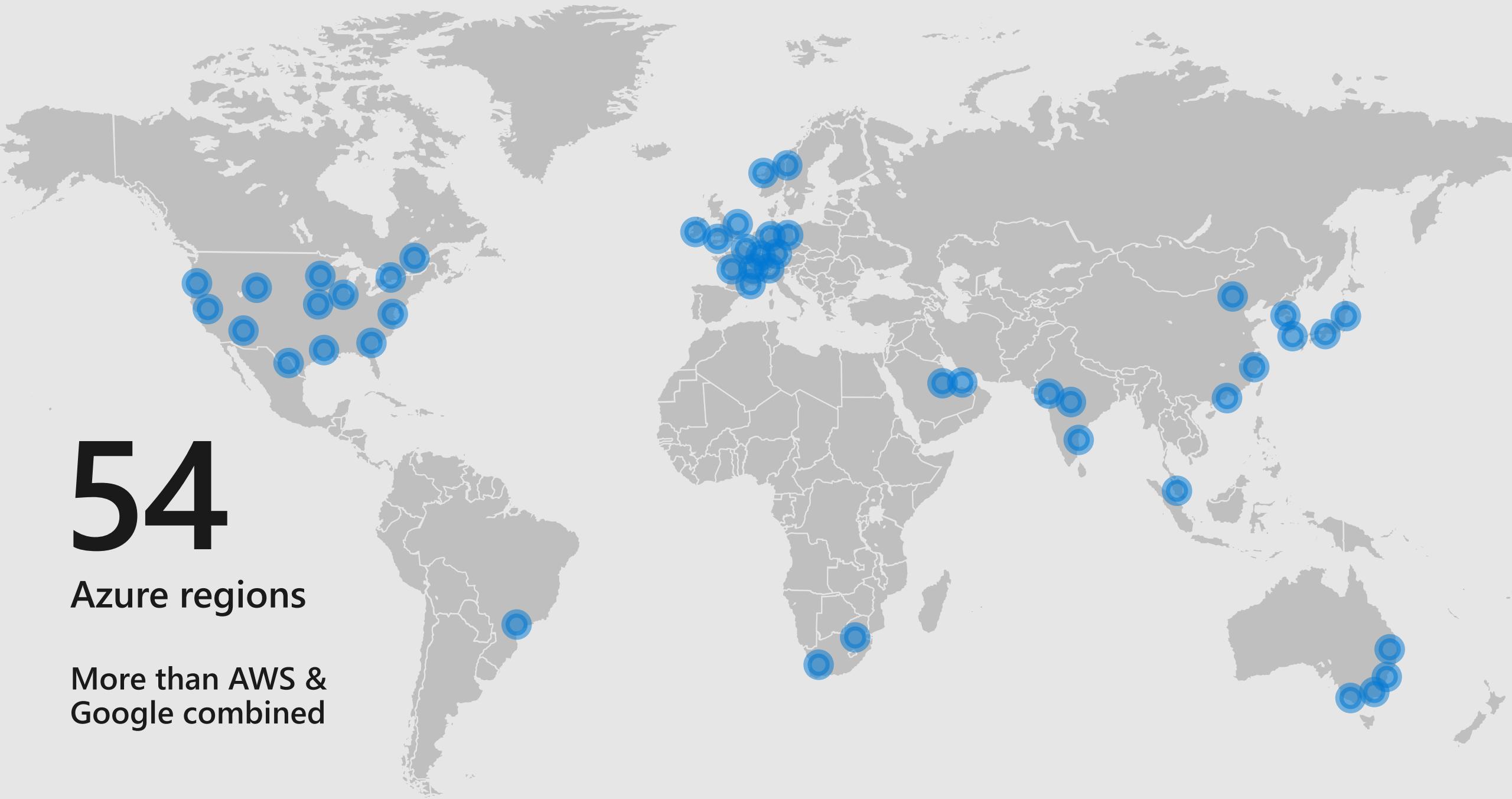
Innovation
and intelligence



54

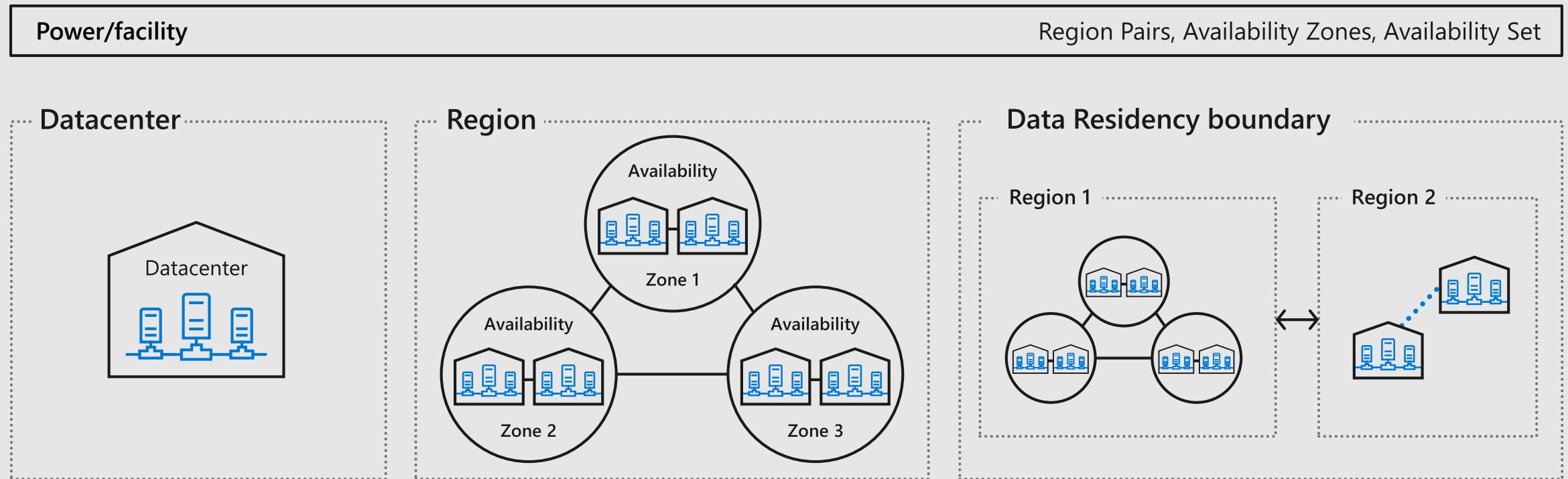
Azure regions

More than AWS &
Google combined



Azure resiliency as a platform

Resilient from hardware, datacenter, and regional outages



Availability Sets

High availability protection from hardware failures in a datacenter

Availability Zones

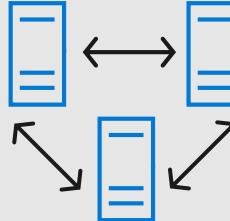
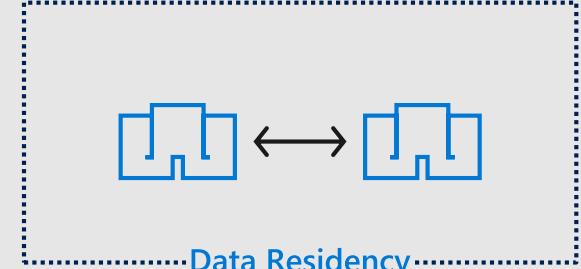
High availability protection against loss of datacenters. Multiple datacenters per physically separated zone. Each zone features independent network, cooling, and power

Region Pairs

Protection for your data and applications from the loss of an entire region with Geo-redundant storage (GRS) and Azure Site Recovery

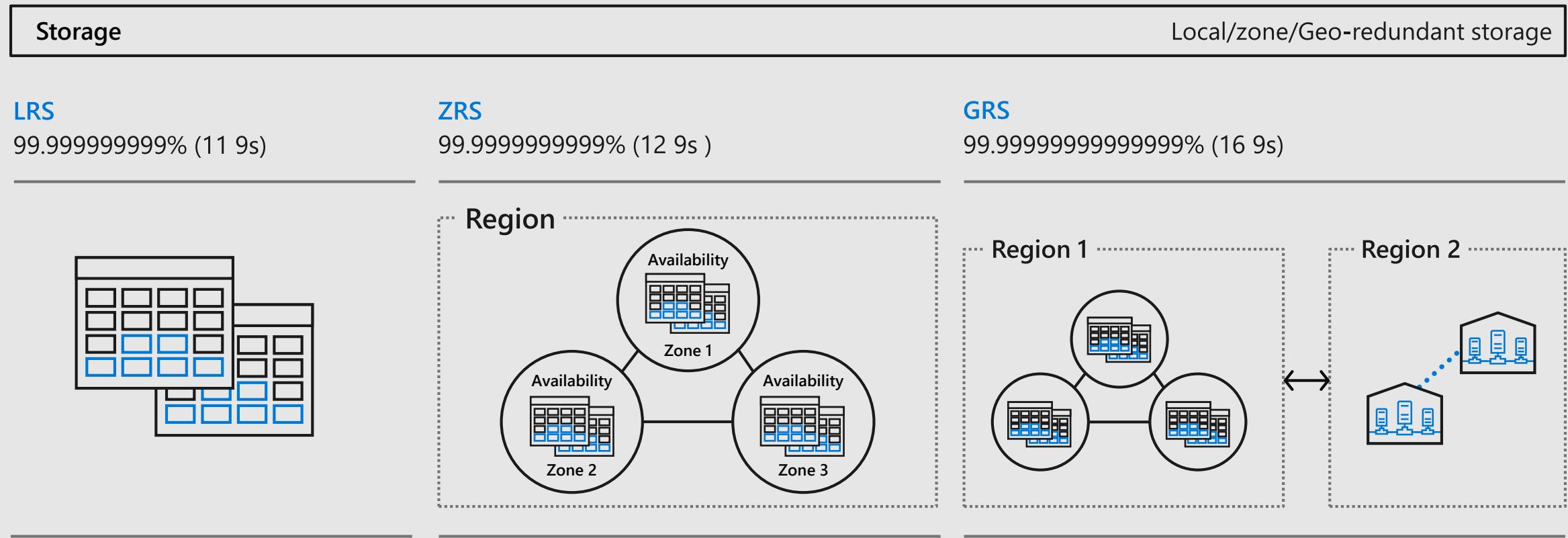
Azure resiliency as a platform

Industry-leading high availability SLA

Power/facility	Region Pairs, Availability Zones, Availability Set		
Industry-only	• Industry-leading high availability SLA	• Industry-leading broadest choice of Data Residency	•
VM SLA 99.9%	VM SLA 99.95%	VM SLA 99.99%	Regions 52
			
Single VM Protection with Premium Storage	Availability Sets Protection against failures within datacenters	Availability Zones Protection from entire datacenter failures	Region Pairs Protection from disaster with Data Residency compliance

Azure storage resiliency solutions

Azure storage provides replication options based on availability needs



Locally redundant storage

The simplest, low-cost replication strategy that Azure Storage offers

Zone-redundant storage

A simple option for high availability and durability

Geo-redundant storage

Cross-regional replication to protect against region-wide unavailability

Azure covers 87 compliance offerings

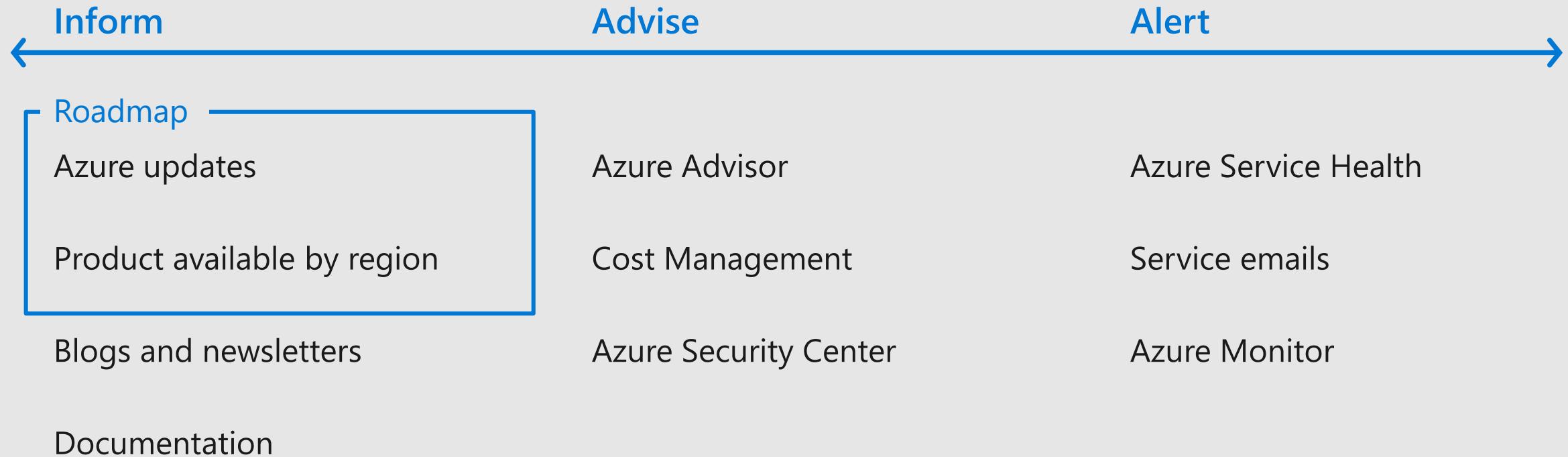
Azure has the deepest and most comprehensive compliance coverage in the industry

Global	ISO 27001:2013 ISO 27017:2015 ISO 27018:2014	ISO 22301:2012 ISO 9001:2015 ISO 20000-1:2011	SOC 1 Type 2 SOC 2 Type 2 SOC 3 CIS Benchmark	CSA STAR Certification CSA STAR Attestation CSA STAR Self-Assessment WCAG 2.0 (ISO 40500:2012)
US Gov	FedRAMP High FedRAMP Moderate EAR ITAR	DoD DISA SRG Level 5 DoD DISA SRG Level 4 DoD DISA SRG Level 2 DFARS	DoE 10 CFR Part 810 NIST SP 800-171 NIST CSF Section 508 VPATs	FIPS 140-2 CJIS IRS 1075
Industry	PCI DSS Level 1 GLBA (US) FFIEC (US) Shared Assessments (US) SEC 17a-4 (US) CFTC 1.31 (US) FINRA 4511 (US) SOX (US) 23 NYCRR 500 (US)	OSFI (Canada) FCA + PRA (UK) APRA (Australia) FINMA (Switzerland) FSA (Denmark) RBI + IRDAI (India) MAS + ABS (Singapore) NBB + FSMA (Belgium) AFM + DNB (Netherlands)	AMF + ACPR (France) KNF (Poland) European Banking Authority (EBA) FISC (Japan) HIPAA BAA (US) HITRUST Certification GxP (FDA 21 CFR Part 11) MARS-E (US)	NHS IG Toolkit (UK) NEN 7510:2011 (Netherlands) FERPA (US) CDSA MPAA (US) FACT (UK) DPP (UK)
Regional	Argentina PDPA Australia IRAP Unclassified Australia IRAP PROTECTED Canada Privacy Laws China GB 18030:2005 China DJCP (MLPS) Level 3	China TRUCS / CCCPPF EU EN 301 549 EU ENISA IAF EU Model Clauses EU – US Privacy Shield GDPR Germany C5	Germany IT-Grundsatz workbook India MeitY Japan CS Mark Gold Japan My Number Act Netherlands BIR 2012 New Zealand Gov CIO Framework	Singapore MTCS Level 3 Spain ENS High Spain DPA UK Cyber Essentials Plus UK G-Cloud UK PASF

Azure Services



How does Azure communicate at scale?



How we listen at scale:

Service telemetry

Support requests

User voice

Research

Events

Community

Stay informed of changes in Azure

[Azure.com/updates](#)

Azure updates is the single source of truth for product updates and roadmap changes

Subscribe to customized RSS Feed to stay informed on updates you care about

Includes packaging, licensing and region availability changes

The screenshot shows the Azure Updates page with a dark header. The top navigation bar includes links for Overview, Solutions, Products, Documentation, Pricing, Training, Marketplace, Partners, Support, Blog, More, and a Free account button. The main title is "Azure updates" with a sub-instruction: "Learn about important Azure product updates, roadmap, and announcements. Subscribe to notifications to stay informed." Below this is a banner for "Get the latest Azure announcements from Microsoft Ignite 2018". The page features a search bar and filters for "Products" (Browse, Search for a product, Filter icon), "Update type" (All, RSS feed), and categories like All, Now available, In preview, and In development. A section titled "October 2018" lists four updates:

- Oct 4 PHP minor version update for November 2018**
In November 2018, Azure App Service will update the PHP stacks to the latest available versions.
Features, SDK and Tools
- Oct 4 Azure SQL Database Managed Instance name change and GUID migration**
Region names and resource GUIDs for Managed Instance General Purpose SQL License were changed on September 27, 2018.
Azure SQL Database, Services
- Oct 4 Public preview: Azure Database for MariaDB**
Azure Database for MariaDB is in public preview.
Azure Database for MariaDB, Microsoft Ignite, Services
- Oct 4 Deprecation of preview API versions for Azure Database for MySQL**
For Azure Database for MySQL, all customers who use the preview APIs must switch to the new API version

On the right side, there's an "Explore" section with links to the Azure blog and a feedback form, and a note about Azure's global reach.

Azure products

AI + Machine Learning

Analytics

Compute

Containers

Databases

Developer Tools

DevOps

Identity

Integration

Internet of Things

Management
and Governance

Media

Microsoft Azure Stack

Migration

Mobile

Networking

Security

Storage

Web

AI + Machine Learning

Create the next generation of applications using artificial intelligence capabilities for any developer and any scenario

Cognitive Services

Add smart API capabilities to enable contextual interactions

Azure Databricks

Fast, easy, and collaborative Apache Spark-based analytics platform

Cognitive Services – Search APIs

Harness the ability to comb billions of webpages, images, videos, and news with a single API call

Cognitive Services – Vision APIs

Use Image-processing algorithms to smartly identify, caption and moderate your pictures

Cognitive Services – Knowledge APIs

Map information and data in order to solve complex tasks

Azure Bot Service

Intelligent, serverless bot service that scales on demand

Machine Learning

Open and elastic AI development spanning the cloud and the edge

Cognitive Services – Language APIs

Process natural language with pre-built scripts, evaluate sentiment, and learn to recognize intent

Cognitive Services – Speech APIs

Convert speech to text or text to speech, translate text or audio, or add speaker recognitions to your app



Azure Databricks

GA
Updates @ Ignite
September 2018

A fast, easy and collaborative
Apache® Spark™ based analytics
platform optimized for Azure

Designed in collaboration with the founders of
 Apache Spark

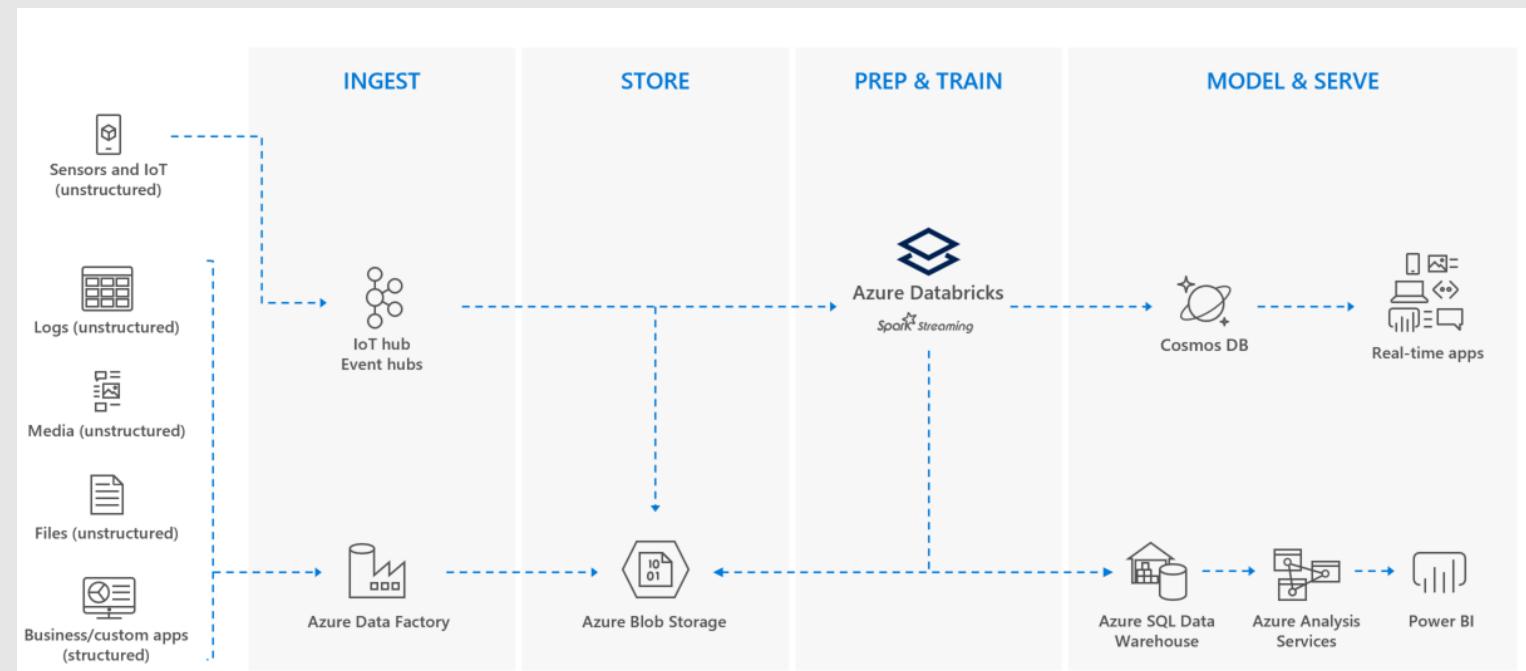
 Autoscaling and auto termination of Spark clusters

 Interactive workspace for data scientists, engineers, and analysts

 Native integration with Azure services like Power BI, SQL DW, Cosmos DB

 Enterprise grade Azure security (Active Directory integration, compliance, enterprise-grade SLAs)

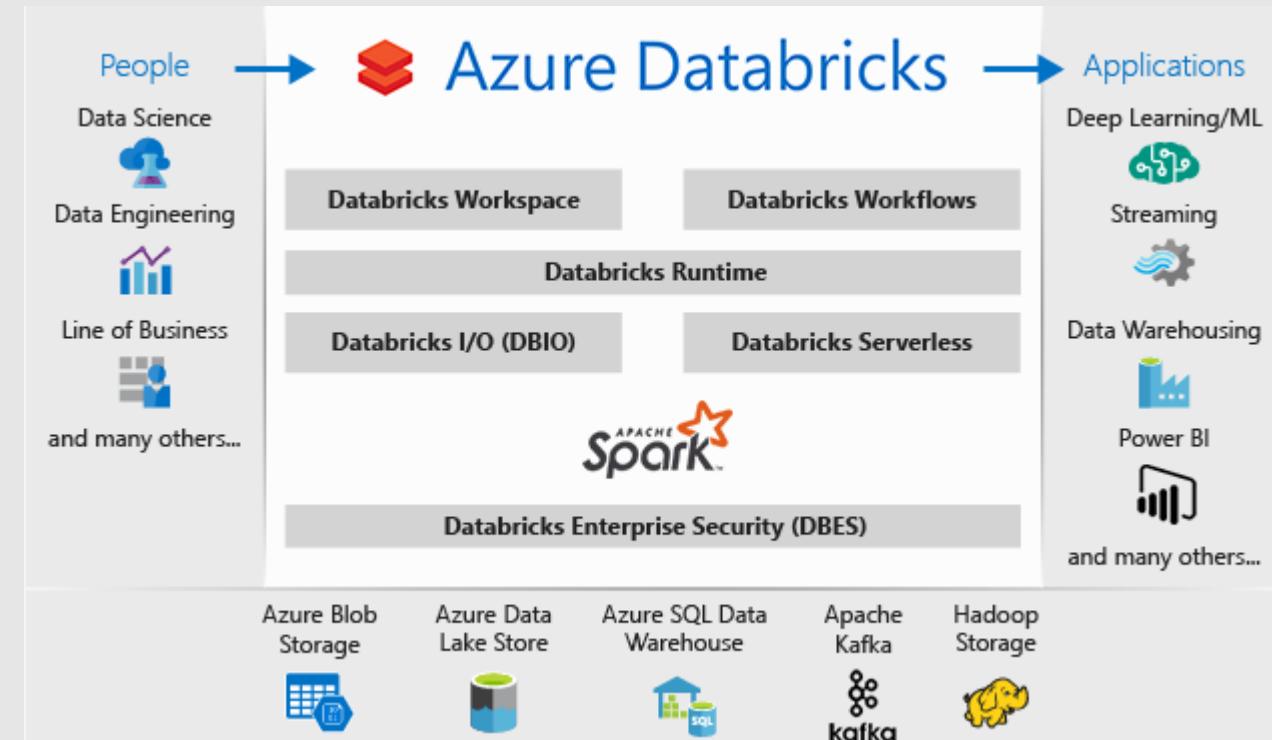
 Faster and reliable Spark query performance and simplified batch and data pipeline with [Azure Databricks Delta](#) – Public Preview @ Ignite.



[Learn more.](#)

Azure Databricks announcements

- Azure SQL Data Warehouse(SQL DW) connector now offers efficient and scalable [Structured Streaming write support](#) for SQL DW. Learn more [here](#).
- Azure Databricks now supports Azure Key Vault backed secret scope. With this, Azure Databricks now supports two types of secret scopes – Azure Key Vault-backed and Databricks-backed. Learn more about [Azure Key Vault-backed secret scope](#).
- Azure Databricks now supports Azure Active Directory conditional access, which allows administrators to control where and when users are permitted to sign in to Azure Databricks. Some of the common concerns that Azure AD conditional access helps with are restricted sign-in access, limited network location access, managing type of device access as well as restricted access to client applications. Read more about Azure AD conditional access in the [Azure Databricks documentation](#).



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Analytics

Gather, store, process, analyze, and visualize data of any variety, volume, or velocity

SQL Data Warehouse

Elastic data warehouse as a service with enterprise-class features

HDInsight

Provision cloud Hadoop, Spark, R Server, Hbase, and Storm clusters

Machine Learning

Open and elastic AI development spanning the cloud and the edge

Data Lake Analytics

Distributed analytics service that makes big data easy

Event Hubs

Receive telemetry from millions of devices

Azure Databricks

Fast, easy, and collaborative Apache Spark-based analytics platform

Data Factory

Hybrid data integration at enterprise scale, made easy

Stream Analytics

Real-time data stream processing from millions of IoT devices

Azure Analysis Services

Enterprise-grade analytics engine as a service



Azure SQL Data Warehouse

GA
Update @ Ignite
September 2018

Compute Optimized Gen 2 is now
Generally Available

5 times the performance of our
Gen1 offer

4 times the concurrency up to 128
concurrent queries – the highest of any
cloud data warehousing service

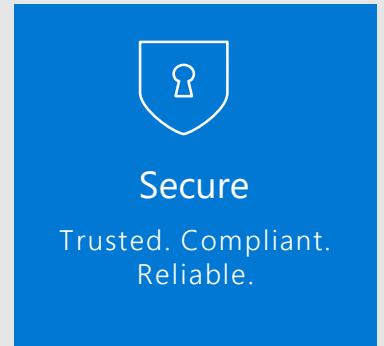
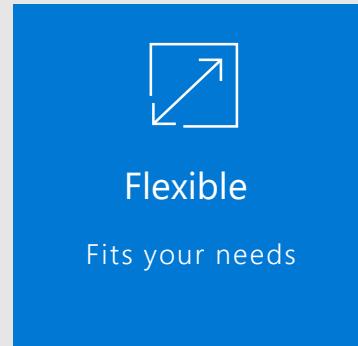
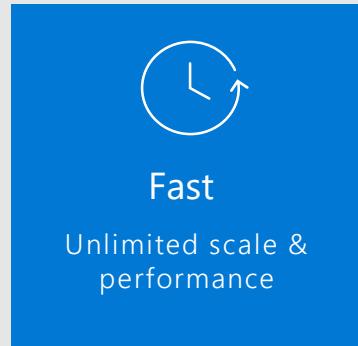
5 times the compute headroom (over
4000 compute cores)

Infinite storage of columnar data

New update: **Flexible restore points** –
GA Sept 2018

[Learn more.](#)

The fast, flexible, and secure hub for all your data



Seamlessly compatible across Microsoft and
other leading BI & Data Integration services

HDInsight 4.0

Public Preview
Released @ Ignite
September 2018

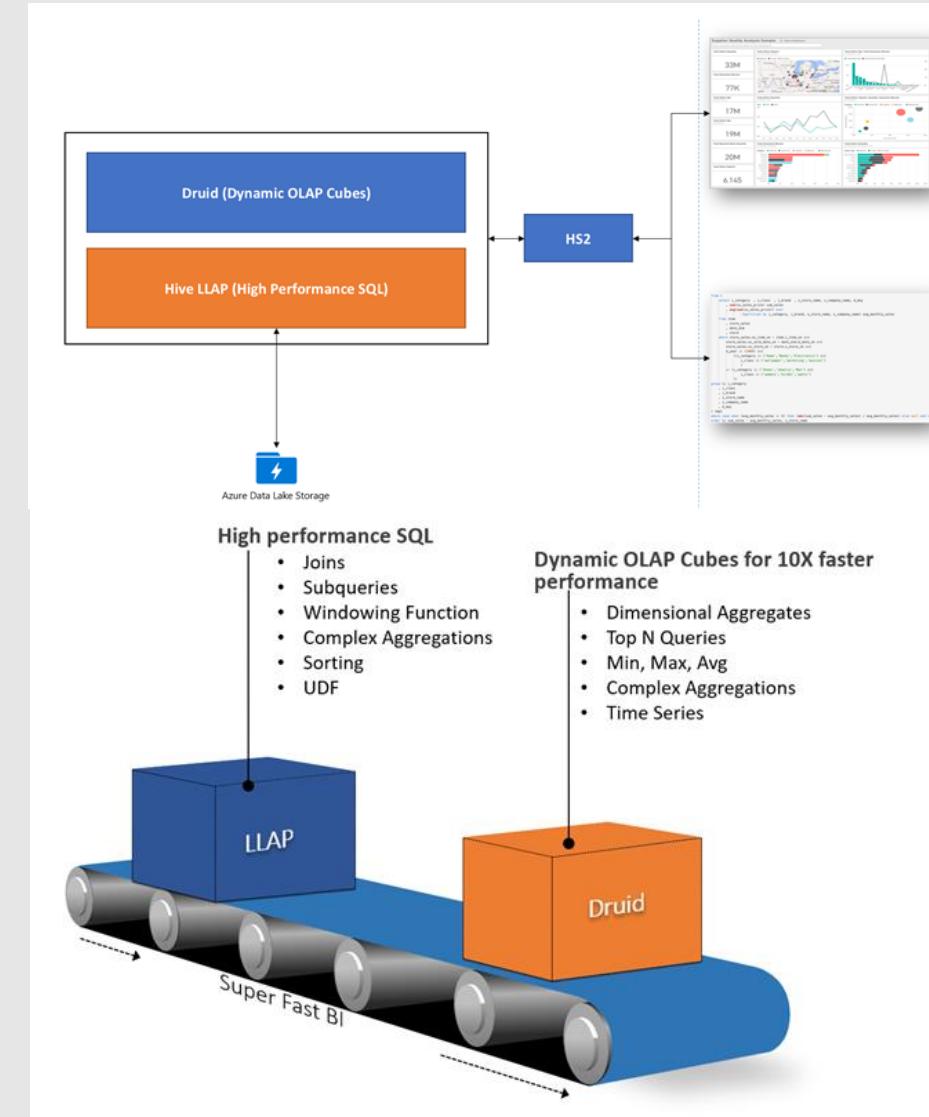
Azure is the first major cloud provider to offer managed Hadoop 3.0

This will enable Azure customers to start building new applications or update their existing applications to work with the new Hadoop 3.0 platform.

Key enhancements include:

- With ACID semantics enabled by default, Hive 3.0 becomes more like a traditional database, making it easier for customers to build LOB applications on top of very large data sets.
- Apache Druid is an open source data store with indexing/caching capabilities on top of a column-oriented storage layout. With Apache Hive and Druid (now available by default), customers can do near real-time exploratory analytics on incoming data.
- With TensorFlow available by default, Hadoop 3.0 squarely targets the machine learning and deep learning scenarios.

[Learn more.](#)



Azure Stream Analytics

Public Preview
Released @ Ignite
September 2018

Query extensibility with C# UDFs on IoT Edge

C# user-defined functions (UDFs) allow you to extend ASA's SQL-like language with your own functions, enabling scenarios like complex math calculations, importing custom ML models using ML.NET, and programming custom data imputation logic.

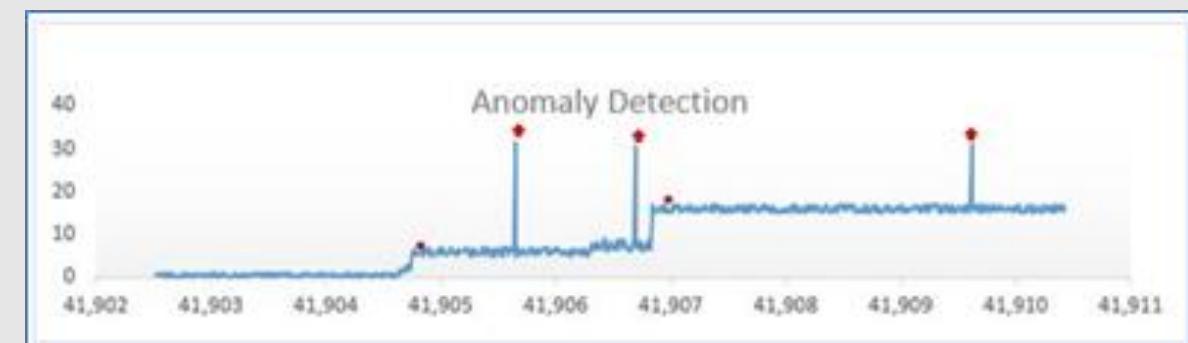
[Learn more.](#)

```
1  using System;
2
3  namespace UDFLibrary
4  {
5      public class CustomUDF
6      {
7          public static String easternTime(DateTime a)
8          {
9              string easternTimeZoneKey = "Eastern Standard Time";
10             TimeZoneInfo easternTimeZone = TimeZoneInfo.FindSystemTimeZoneById(easternTimeZoneKey);
11             DateTime easternDateTime = TimeZoneInfo.ConvertTimeFromUtc(a, easternTimeZone);
12
13             return easternDateTime.ToString();
14         }
15     }
16 }
```

Definition of the C# UDF in Visual Studio

```
Select machine.temperature, udf.easternTime(timeCreated)
into alert
from temperature
```

Calling the C# UDF from ASA Query



Spike Anomaly

Read the [announcement blog](#).

Azure products

AI + Machine Learning

Analytics

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Internet of Things

Management
and Governance

Media

Microsoft Azure Stack

Migration

Mobile

Networking

Security

Storage

Web

Compute

Access cloud compute capacity and scale on demand—and only pay for the resources you use

Virtual Machines

Provision Windows and Linux virtual machines in seconds

Azure Kubernetes Service (AKS)

Simplify the deployment, management, and operations of Kubernetes

Service Fabric

Develop microservices and orchestrate containers on Windows or Linux

Container Instances

Easily run containers on Azure without managing servers

Azure Batch AI

Easily experiment and train your deep learning and AI models in parallel at scale

Virtual Machine Scale Sets

Manage and scale up to thousands of Linux and Windows virtual machines

Functions

Process events with serverless code

App Service

Quickly create powerful cloud apps for web and mobile

Batch

Cloud-scale job scheduling and compute management



Azure Functions (cont.)

Preview/GA
Update ETA
Oct/Nov 2018

Consumption plan availability on US Gov Virginia – Oct 2018

Azure Functions in consumption plan will be GA on US Gov Virginia region, with same meters and pricing model as the rest of the regions

Premium plan – Preview ETA Nov 2018

This new deployment option for Functions enabling some enterprise scenarios not achievable yet, getting the best of both Consumption and App Service plans: avoid cold start, infinite scale of dedicated instances, VPNs for higher security...

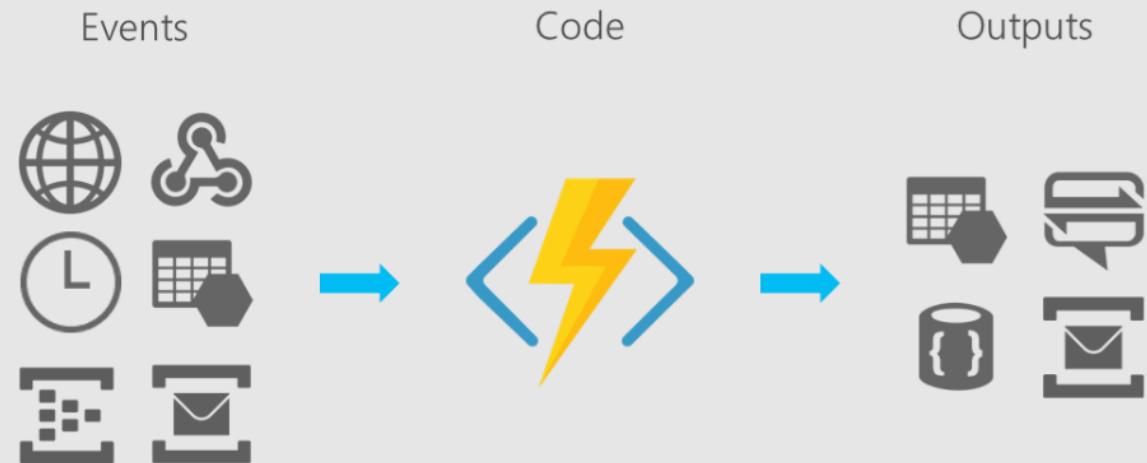
Java support – GA ETA Nov 2018

Azure Functions will now provide a viable option for open source developers who want to build serverless apps using Java

DevOps projects integration – ETA Nov 2018

Azure Functions will be included on the DevOps projects experience, allowing customers to easily setup a CI/CD pipeline with VSTS from the Azure portal when creating new projects using the language of their choice.

[Learn more.](#)



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Containers

Develop and manage your containerized applications faster with integrated tools

Azure Kubernetes Service (AKS)

Simplify the deployment, management, and operations of Kubernetes

Service Fabric

Develop microservices and orchestrate containers on Windows or Linux

App Service

Quickly create powerful cloud apps for web and mobile

Batch

Cloud-scale job scheduling and compute management

Container Instance

Easily run containers on Azure without managing servers

Container Registry

Store and manage container images across all types of Azure deployments

Web App for Containers

Easily deploy and run containerized web apps that scale with your business



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Databases

Support rapid growth and innovate faster with secure, enterprise-grade, and fully managed database services

Azure Cosmos DB

Globally distributed, multi-model database for any scale

Azure Database for MySQL

Managed MySQL database service for app developers

Azure Database for MariaDB

Managed MariaDB database service for app developers

SQL Data Warehouse

Elastic data warehouse as a service with enterprise-class features

Redis Cache

Power applications with high-throughput, low latency data access

Azure SQL Database

Managed relational SQL Database as a service

Azure Database for PostgreSQL

Manage PostgreSQL database service for app developers

SQL Server on Virtual Machines

Host enterprise SQL Server apps in the cloud

Azure Database Migration Service

Simplify on-premises database migration to the cloud



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Developer Tools

Build, manage, and continuously deliver cloud applications—using any platform or language

Visual Studio

The powerful and flexible environment for developing applications in the cloud

SDKs

Get the SDKs and command-line tools you need

CLIs

Build, deploy, diagnose, and manage multi-platform, scalable apps and services

Azure Lab Services

Set up labs for classrooms, trials, development and testing, and other scenarios

Developer tool integrations

Use the development tools you know—including Eclipse, IntelliJ, and Maven—with Azure

Visual Studio Code

A powerful, lightweight code editor for cloud development

Azure DevOps

Services for teams to share code, track work, and ship software

Azure Pipelines

Continuously build, test, and deploy to any platform and cloud

Azure DevTest Labs

Quickly create environments using reusable templates and artifacts



Azure Blockchain Workbench

Public Preview
Updates Released
July 2018

Get up and running quickly

Automatic ledger deployment and consortium network construction with a few simple clicks.

Build apps in days not months

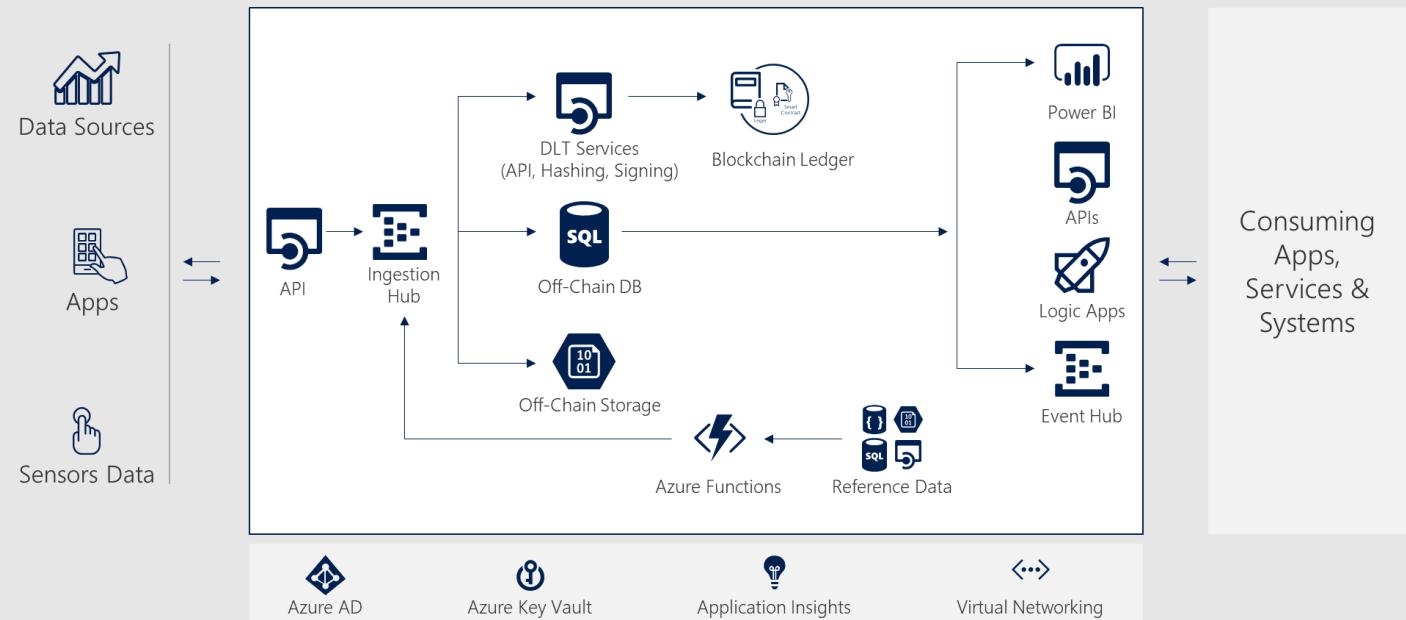
- Built in web app and sample smart contracts.
- Pre-built integrations to over 20 Azure services, including Azure Active Directory, Key Vault, SQL DB and tools like Service Bus and Event Grid reduces development time

Connect blockchain to your business

Easily integrate blockchain workflows with existing systems and applications leveraging Microsoft Flow and Logic Apps.

Extend with a REST-based API for client development and a message-based API for system-to-system integration.

Also from Azure Blockchain: Quickly configure and deploy [Corda Enterprise](#) and [Ethereum Proof of Authority](#) based networks with templates available on the Azure Marketplace.



[Documentation](#)

[Product Page](#)

[Workbench Intro and Demo Videos](#)

Stay up to date with the latest release notes on the [Azure Blog](#)

Also from Azure Blockchain: Quickly configure and deploy [Corda Enterprise](#) and [Ethereum Proof of Authority](#) based networks with templates available on the Azure Marketplace

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DevOps

Deliver innovation faster with simple, reliable tools for continuous delivery

Azure DevOps

Service for teams to share code, track work,
and ship software

Azure Boards

Plan, track, and discuss work across your team

Azure Artifacts

Create, host, and share packages with your team

Azure DevTest Labs

Quickly create environments using reusable
templates and artifacts

Azure Pipelines

Continuously build, test, and deploy to any platform
and cloud

Azure Repos

Get unlimited, cloud-hosted private Git repos for
your project

Azure Test Plans

Test and ship with confidence with a manual and
exploratory testing toolkit

DevOps tool integrations

Use your favorite DevOps tools with Azure



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Identity

Manage user identities and access to protect against advanced threats across devices, data, apps, and infrastructure

Azure Active Directory

Synchronize on-premises directories and enable single sign-on

Azure Active Directory Domain Services

Join Azure virtual machines to a domain without domain controllers

Azure Active Directory B2C

Consumer identity and access management in the cloud

Azure Information Protection

Better protect your sensitive information—anytime, anywhere



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Integration

Seamlessly integrate on-premises and cloud-based applications, data, and processes across your enterprise

Logic Apps

Automate the access and use of data across clouds without writing code

API Management

Publish APIs to developers, partners, and employees securely and at scale

Service Bus

Connect across private and public cloud environments

Event Grid

Get reliable event delivery at massive scale



Azure products

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Internet of Things

Bring IoT to any device and any platform, without changing your infrastructure

IoT Hub

Connect, monitor and manage billions of IoT assets

IoT Central

Experience the simplicity of SaaS for IoT, with no cloud expertise required

Azure Sphere

Securely connect MCU-powered devices from the silicon to the cloud

Azure Maps

Simple and secure location APIs provide geospatial context to data

Event Grid

Get reliable event delivery at massive scale

IoT Edge

Extend cloud intelligence and analytics to edge devices

IoT solution accelerators

Create fully customizable solutions with template for common IoT scenarios

Time Series Insights

Explore and analyze time-series data from IoT devices

Functions

Process events with serverless code



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Management and Governance

Simplify, automate, and optimize the management and compliance of your cloud resources

Microsoft Azure Portal

Build, manage, and monitor all Azure products in a single, unified console

Azure Advisor

Your personalized Azure best practices recommendation engine

Cost Management

Optimize what you spend on the cloud, while maximizing cloud potential

Azure Monitor

Highly granular and real-time monitoring data for any Azure resource

Scheduler

Run your jobs on simple or complex recurring schedules

Cloud Shell

Streamline Azure administration with a browser-based shell

Azure Backup

Simple and reliable server backup to the cloud

Azure Policy

Implement corporate governance and standards at scale for Azure resources

Azure Site Recovery

Orchestrate protection and recovery of private clouds



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Media

Deliver high-quality video content anywhere, any time, and on any device

Media Services

Encode, store, and stream video and audio at scale

Azure Media Player

A single layer for all your playback needs

Media Analytics

Uncover insights from video files with speech and vision services

Video Indexer

Unlock video insights

Encoding

Studio grade encoding at cloud scale

Live and On-Demand Streaming

Deliver content to virtually all devices with scale to meet business needs

Content Protection

Securely deliver content using AES, PlayReady, Widevine, and Fairplay



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Microsoft Azure Stack

Microsoft Azure Stack is an extension of Azure—bringing the agility and innovation of cloud computing to your on-premises environment and enabling the only hybrid cloud that allows you to build and deploy hybrid applications anywhere. We bring together the best of the edge and cloud to deliver Azure services anywhere in your environment.



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Migration

Simplify and accelerate your migration to the cloud

Azure Migrate

Easily discover, assess, right-size, and migrate your on-premises VMs to Azure

Azure Database Migration Service

Simplify on-premises database migration to the cloud

Cost Management

Optimize what you spend on the cloud, while maximizing cloud potential

Azure Site Recovery

Orchestrate protection and recovery of private clouds

Data Box

Secure, ruggedized appliance for Azure data transfer



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Mobile

Build and deploy cross-platform and native apps for any mobile device

Mobile Apps

Build and host the backend for any mobile app

Visual Studio App Center

Ship apps faster by automating application lifestyles

Azure Maps

Simple and secure location APIs provide geospatial context to data

Notification Hubs

Send push notifications to any platform from any back end

Xamarin

Create cloud-powered mobile apps faster

API Apps

Easily build and consume Cloud APIs



Azure products

AI + Machine Learning	Management and Governance
Analytics	Media
Compute	Microsoft Azure Stack
Containers	Migration
Databases	Mobile
Developer Tools	Networking
DevOps	Security
Identity	Storage
Integration	Web
Internet of Things	

Networking

Connect cloud and on-premises infrastructure and services to provide your customers and users the best possible experience

Virtual Network

Provision private networks, optionally connect to on-premises datacenters

Application Gateway

Build secure, scalable, and highly available web front ends in Azure

Azure DNS

Host your DNS domain in Azure

Azure DDoS Protection

Protect your applications from Distributed Denial of Service (DDoS) attacks

Azure Front Door Service

Scalable, security-enhanced delivery point for global, microservice-based web applications

Load Balancer

Deliver high availability and network performance to your applications

VPN Gateway

Establish secure, cross-premises connectivity

Content Delivery Network

Ensure secure, reliable content delivery with broad global reach

Traffic Manager

Route incoming traffic for high performance and availability



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Security

Protect your enterprise from advanced threats across hybrid cloud workloads

Security Center

Unify security management and enable advanced threat protection across hybrid cloud workloads

Application Gateway

Build secure, scalable, and highly available web front ends in Azure

VPN Gateway

Establish secure, cross-premises connectivity

Azure DDoS Protection

Protect your applications from Distributed Denial of Service (DDoS) attacks

Key Vault

Safeguard and maintain control of keys and other secrets

Azure Information Protection

Better protect your sensitive information—anytime, anywhere

Azure Active Directory

Synchronize on-premises directories and enable single sign-on

Azure Advanced Threat Protection

Detect and investigate advanced attacks on-premises and in the cloud



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Storage

Get secure, massively-scalable cloud storage for your data, apps, and workloads

Storage

Durable, highly available, and massively scalable cloud storage

Archive Storage

Industry leading price point for storing rarely accessed data

File Storage

File shares that use the standard SMB 3.0 protocol

Azure Data Lake Store

Massively scalable data lake storage

Storage Explorer

View and interact with Azure Storage resources

Blob Storage

REST-based object storage for unstructured data

Queue Storage

Effectively scale apps according to traffic

Disk Storage

Persistent, secured disk options supporting virtual machines

Data Box

Secure, ruggedized appliance for Azure data transfer



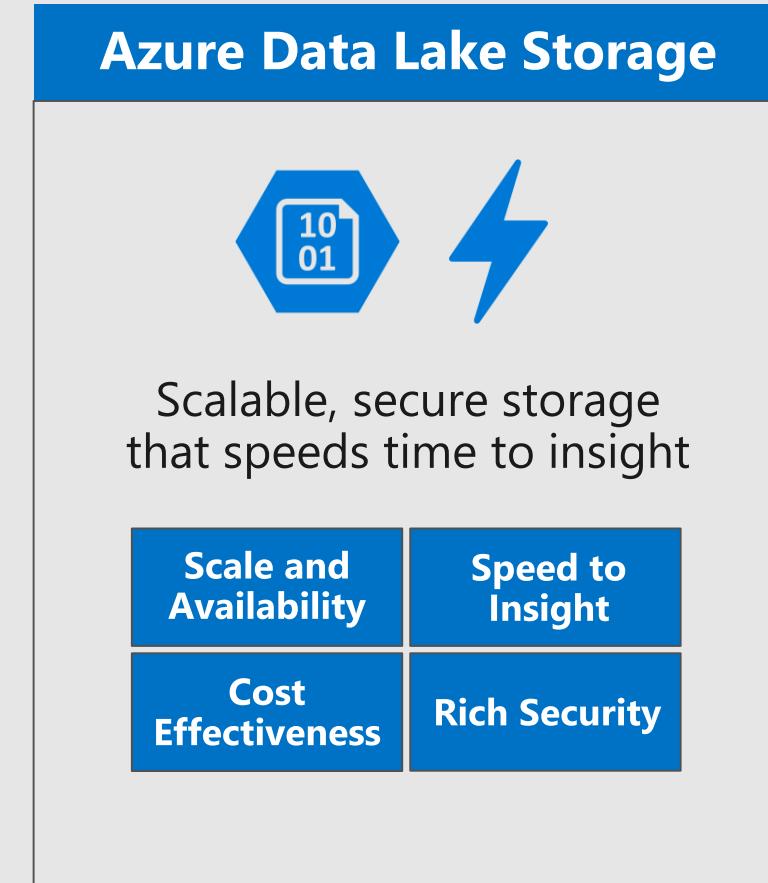
Azure Data Lake Storage Gen2

Limited Public Preview
Late June/July 2018
GA ETA Q4 CY18

Brings together the best of Azure Data Lake Store and Blob Storage

- Hadoop compatible file system interface for Azure Blob Storage
- Fine grained file and folder permissions (ACLs)
- Atomic file system operations
- Full support for all Blob features (AAD Integration, Zone Redundant and RA-Geo Redundant Storage)
- Pricing at Blob Storage levels
- Available in all 50 Azure regions (at GA)

[Learn more.](#)



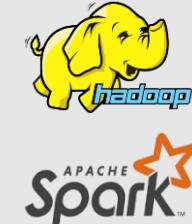
The graphic is a promotional image for Azure Data Lake Storage. It features a blue header bar with the text "Azure Data Lake Storage". Below the header is a large blue hexagonal icon containing a white document with the numbers "10" and "01". To the right of the icon is a blue lightning bolt symbol. Below these icons is the text "Scalable, secure storage that speeds time to insight". At the bottom of the graphic is a 2x2 grid of four blue boxes, each containing white text: "Scale and Availability", "Speed to Insight", "Cost Effectiveness", and "Rich Security".



Upgrade path for existing ADLS Customers



Strong Partner Support



Optimized for performance with Spark and Hadoop analytics engines

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Web

Build, deploy, and scale powerful web applications quickly and efficiently

Web Apps

Quickly create and deploy mission critical web apps at scale

Content Delivery Network

Ensure secure, reliable content delivery with broad global reach

Azure SignalR Service

Add real-time web functionalities easily

API Management

Publish APIs to developers, partners, and employees securely and at scale

Azure Search

Fully-managed search-as-a-service



Azure: Intelligent

Azure Cosmos DB

Azure SQL Data
Warehouse

Azure SQL DB



Azure Databricks



Azure Cognitive
Services



Azure Bot
Service

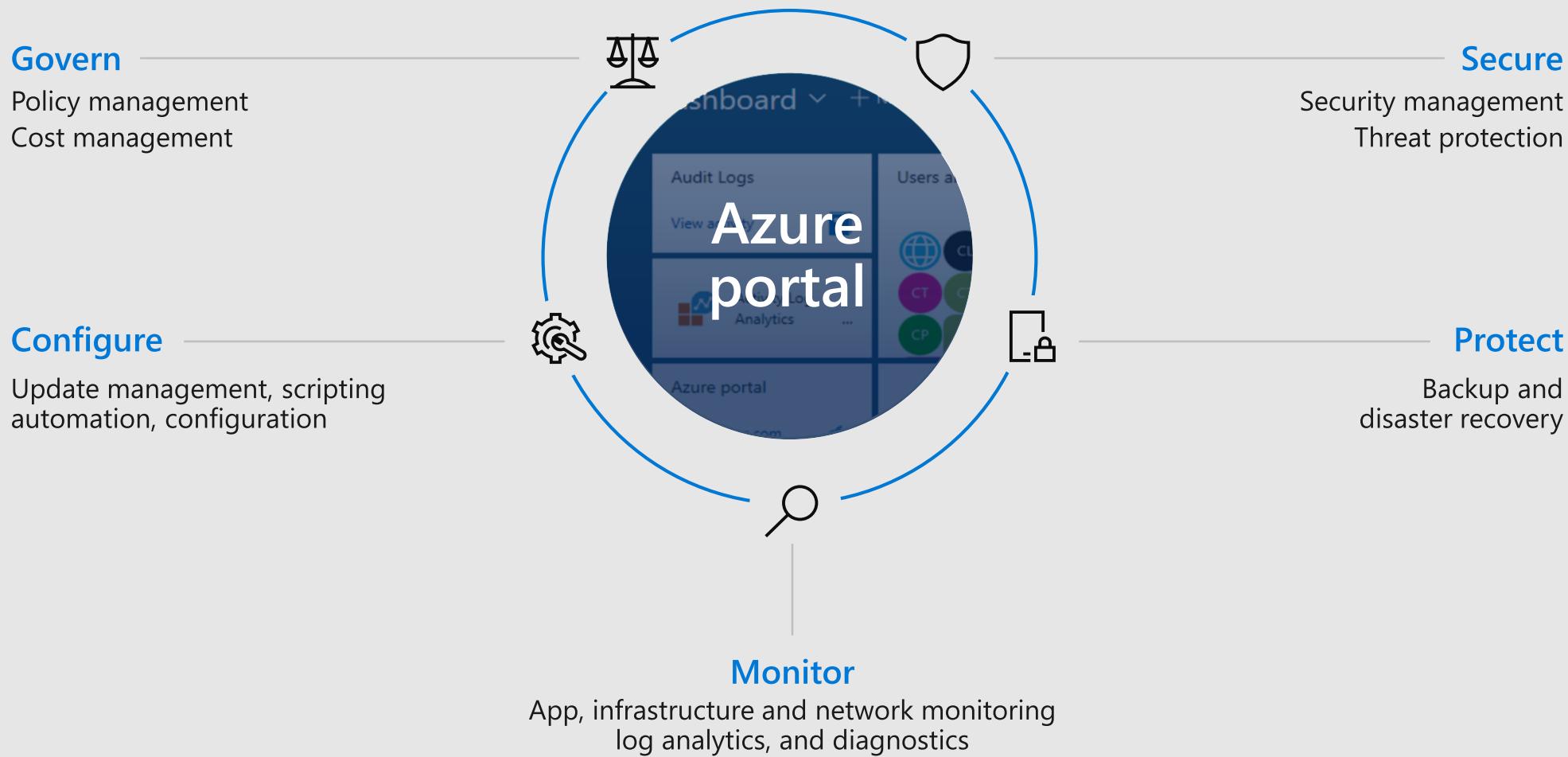


Azure SQL Data
Warehouse



Azure SQL Data
Warehouse

Azure portal offers enterprise-grade management



Azure portal is customizable—portal.azure.com

Recommendation:

Create portal dashboards by key roles,
(e.g., operations, finance, development),
key projects, and key service KPIs.

