

# IBM Cloud Overview

IBM  
**CODE**  
—

# IBM Cloud

The most advanced cloud platform that weaves together services, infrastructure, and data to rapidly bring your ideas to production.



**Third-party**



**IBM**



**Open source**



**Your own**

# What IBM Cloud offers

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## Compute

Offerings spanning from bare metal to serverless programming

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## Hybrid

Delivered across public, dedicated, and on-premises deployment models

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## Global

Available in nearly 60 IBM Cloud data centers around the globe

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## Services

Offers over 170 composable services across Watson, data, mobile, IoT, and DevOps

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## Open

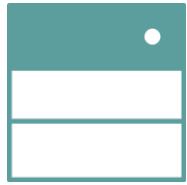
Built on open standards and architecture

# Flexible compute options



## Bare Metal

Maximum performance and control



## Virtual Server or VMware

Leverage existing languages and tools



## Containers

Maximum portability



## Cloud Foundry

Open PaaS environment



## Cloud Functions

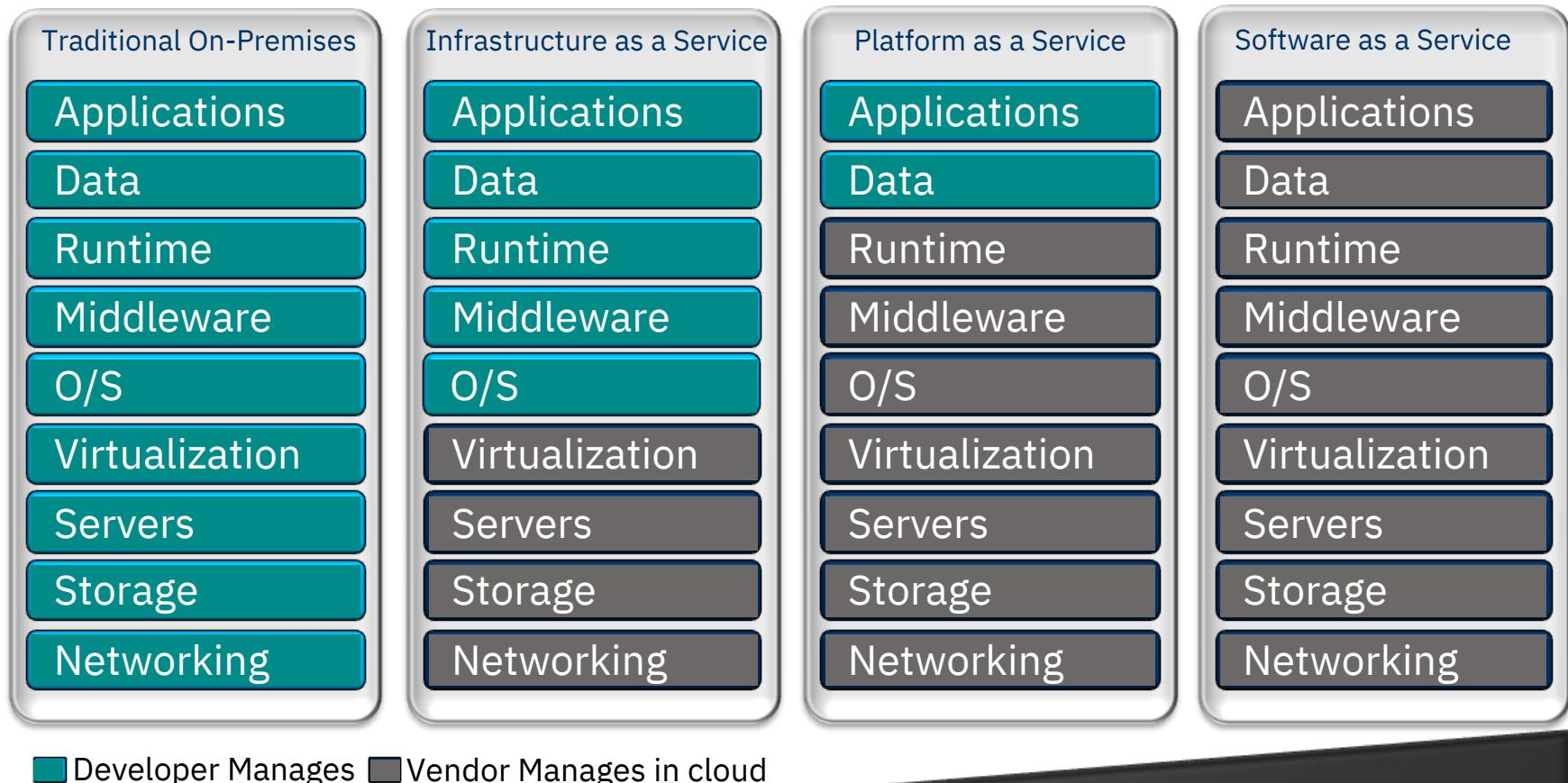
Maximum speed with server-less apps



# From on-premises to IBM Cloud compute and services

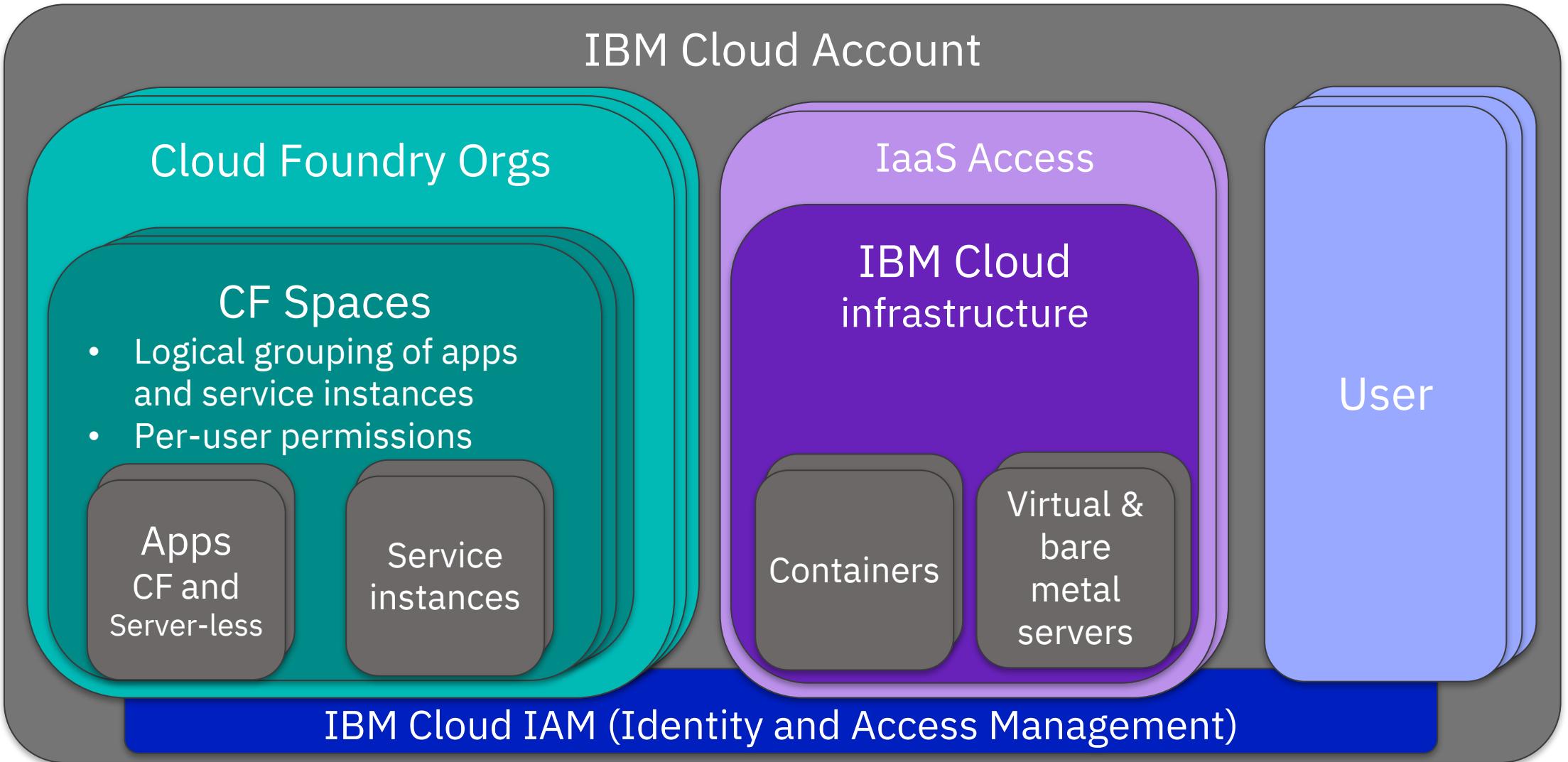
IBM Cloud PaaS environments **simplify** various tasks compared to on-premises or IaaS

- Health management
- Load balancing
- Scaling
- Deployment
- OS patching
- OS security hardening



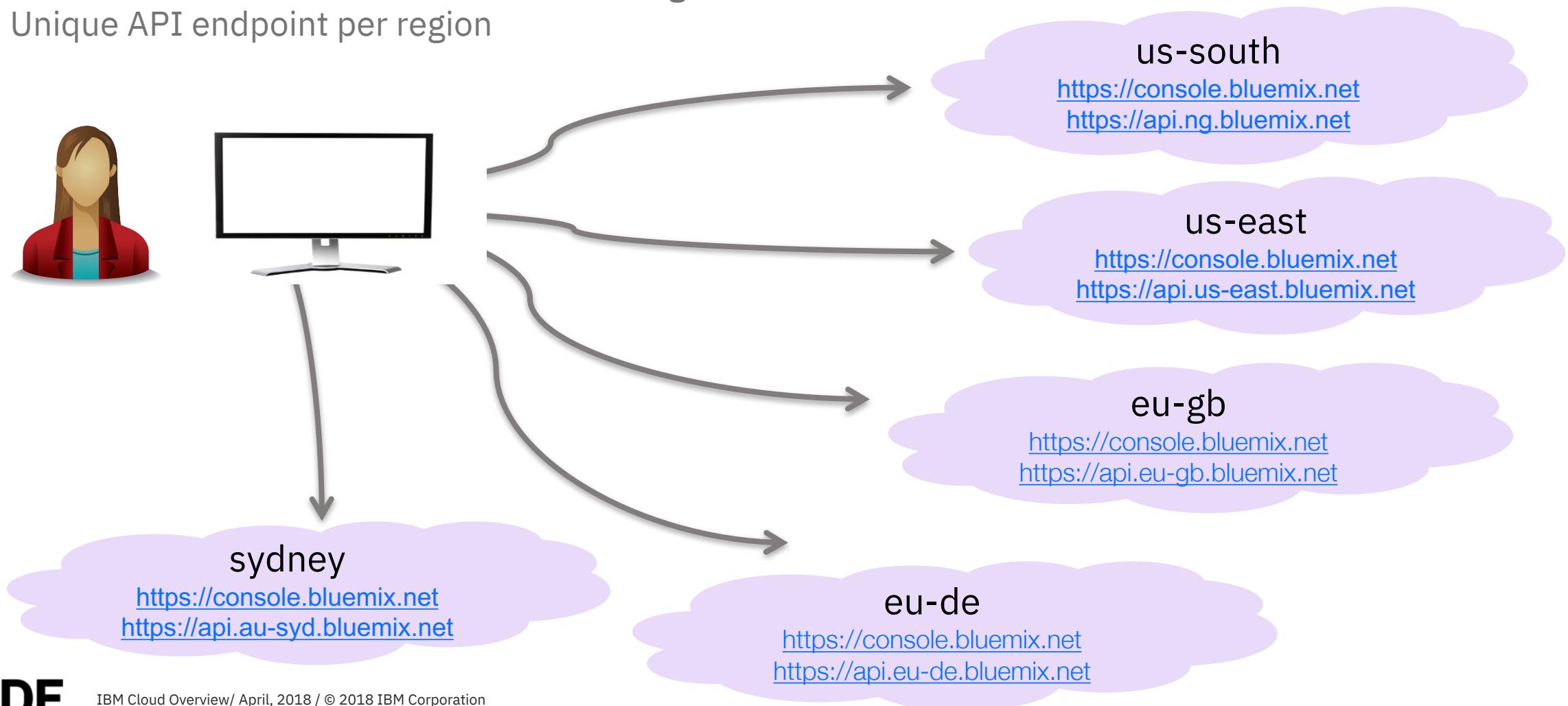
Standardization; OPEX savings; faster time to value

# IBM Public Cloud account and organization model



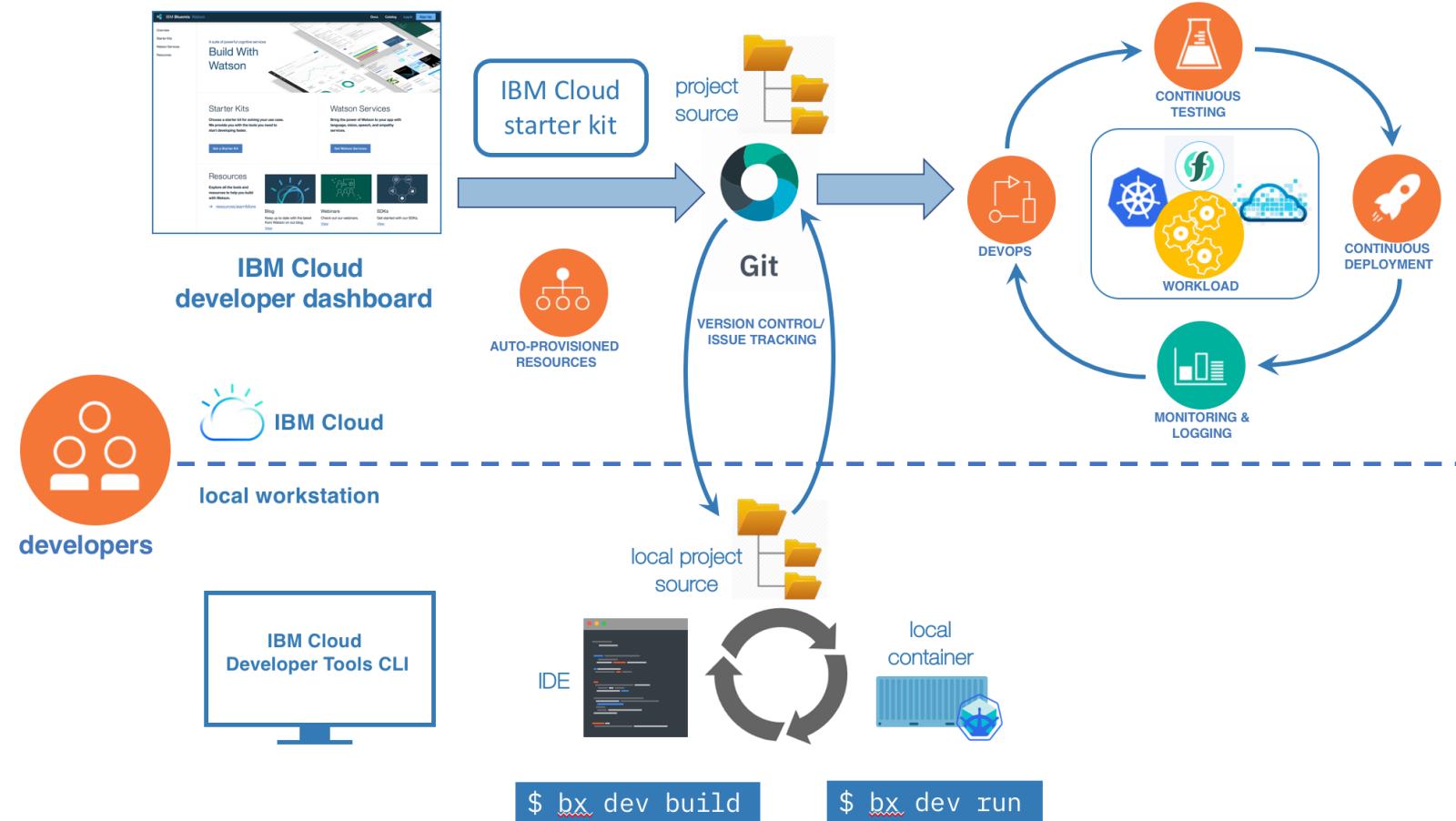
# IBM Cloud regions

- Stand-alone PaaS cloud with catalog, apps, and services
- Maximum isolation from entities in other regions
- Unique API endpoint per region

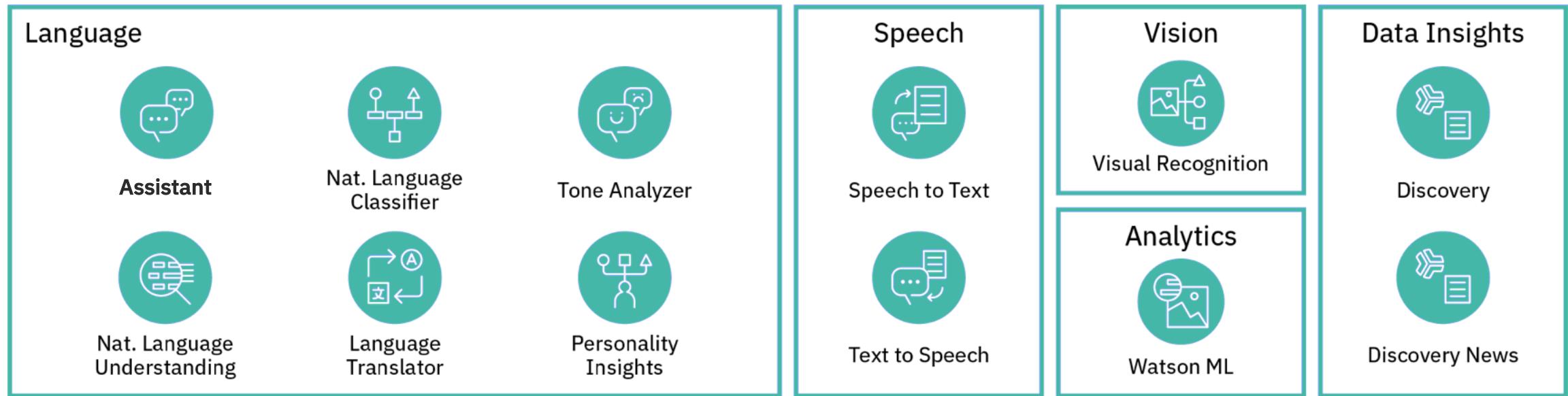


# Developing for IBM Cloud

- Starter Kits
  - Working code
  - Auto-provisioned services
- Develop and test locally
- Deploy manually... or
- Use continuous delivery to automatically deploy with commits



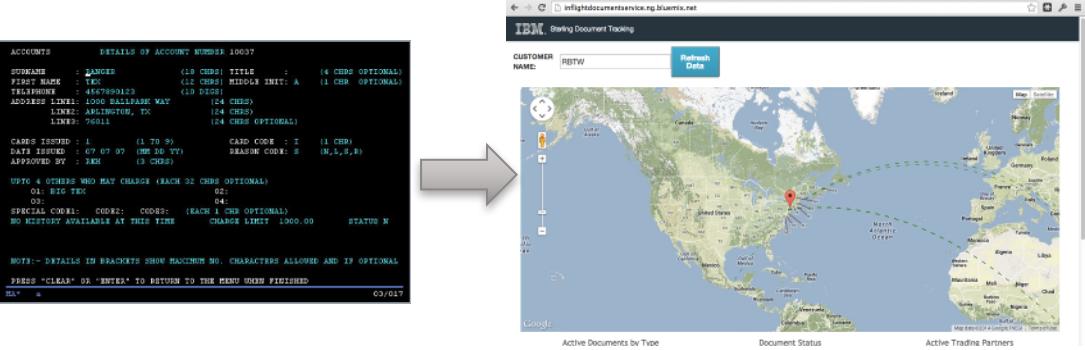
# Watson API Services



# How will you use it?

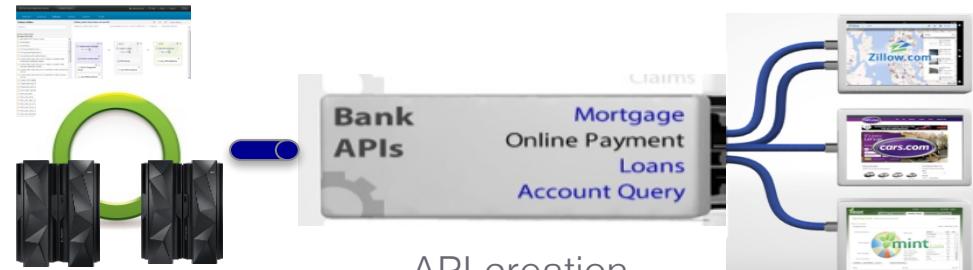
## Extend existing applications

- Add user experience such as mobile, social
- Add new capabilities integrating other services and APIs
- Do **rapid** experimentation for new capabilities



## API-enable applications

- Scalable API layer on top of existing services
- Simplify how composite service capabilities are exposed through APIs



## New applications

- Systems of Engagement
- Internet of Things



Backend systems and integration

API creation  
and management

New channels and opportunities

