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The app revolution

Fundamentally changing the way we interact with technology.

Apps are everywhere

The quantity and usefulness of web and mobile apps has led to an **"app revolution**" among consumers and businesses alike.

Experience matters

Customers and employees now expect a **delightful** and **seamless** experience across all interactions with a business.

Cloud makes it possible

Apps today can be stitched together quickly with pre-built assets. Cloud makes the **API economy** possible.

App development is about speed and choice

Developers' expectations have evolved.



Timing is critical...

Today's apps must keep up with the speed of the app revolution.



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...so are all of your other investments

Leverage the power of Bluemix without abandoning what you already use.



What is Bluemix?

Bluemix is an **open-standard**, cloud-based **platform** for **building**, **managing**, and **running applications of all types** (web, mobile, big data, new smart devices, and so on).

Go Live in Seconds

The developer can choose any language runtime or bring their own. Zero to production in one command.

DevOps

Development, monitoring, deployment, and logging tools allow the developer to run the entire application.

APIs and Services

A catalog of IBM, third party, and open source API services allow the developer to stitch an application together in minutes.

Layered Security

IBM secures the platform and infrastructure and provides you with the tools to secure your apps.

On-Prem Integration

Build hybrid environments. Connect to on-premise assets plus other public and private clouds.

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Flexible Pricing

Sign up in minutes. Pay as you go and subscription models offer choice and flexibility.

How does Bluemix work?

Bluemix **embraces** Cloud Foundry as an **open source Platform** as a Service and **extends** it with IBM, third party, and community built services.



Your

Design of a VM



Bluemix offers

different compute models to run your code



Global rollout of Bluemix

London (eu-gb)

Dallas (us-south)

Leveraging IBM SoftLayer global presence. Bluemix dedicated is available in any location.

Three Deployment Environments



Why are developers using Bluemix?

To **rapidly** bring products and services to market at **lower cost**



Go from zero to running code in a matter of minutes.

To **continuously deliver** new functionality to their applications



Automate the development and delivery of many applications.

To extend **existing investments** in IT infrastructure



Extend existing investments by connecting securely to on-premise infrastructure.

IBM Bluemix Tour of IBM Bluemix and Demo



Resources

IBM Bluemix:

- <u>http://bluemix.net</u>
 IBM Bluemix News:
- http://bluemix.info
- **IBM Bluemix Developers:**
 - <u>http://developer.ibm.com/bluemix</u>
- Free "200 IBM Bluemix Days" workshops:
 - <u>http://www-</u>

304.ibm.com/events/idr/idrevents/detail.action?meid=

16628

Summary

- Try Bluemix.net today
- <u>https://ibm.biz/UKIBluemix</u> (sign-up here)
- Bluemix allows developers to be innovative, deliver rapidly and have fun
 - Choose between 100 runtimes and services, three deployment options and three hosting types

Bluemix works with the new IT.



Backup Slides





How does Bluemix work?

Bluemix **embraces** Cloud Foundry as an **open source Platform** as a Service and **extends** it with IBM, third party, and community built services.



Core use cases

What 30,000 beta applications have told us.

Web Applications

- Enabling online experiences in the physical store for retail
- Leverages BlueMix for data collection APIs and dashboards
- Reduction of infrastructure setup from days to minutes by moving off of a pure laaS

APIs and On-Prem Integration

- Providing APIs that are integrated into the Bluemix experience
- Leveraging existing on premise databases and technologies
- Building mobile applications that connect to on-prem data via Bluemix

Mobile Back Ends

- Back end services replacing custom code hosted on laaS (e.g. Push Notification)
- Cloud Code for offloading business logic from the mobile client
- Integrated into iOS and Android native applications using **Bluemix SDK**

Analytics and Reporting

- Embed IBM Cognos business
 intelligence content into apps
- Use IBM Analytics Warehouse to store and analyze business data
- Gain immediate visibility and control over app performance and availability