



IBM Bluemix™

IBM Bluemix:
porte aperte all'innovazione

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Bluemix Garage:
come IBM può aiutarti, utilizzando la
metodologia DevOps, ad accelerare lo sviluppo
applicativo e l'innovazione in Cloud

A wide-angle photograph of a park or public garden. In the foreground, there is a large, well-maintained green lawn. A complex hedge maze is visible, with several dark green bushes forming intricate paths. In the middle ground, a paved walkway leads towards a city skyline. The skyline includes several modern buildings and a prominent tall, thin obelisk or monument. The sky is clear and blue.

Our challenge: Implement a DevOps methodology that breaks down silos within development & operations functions of the organization, addressing the practices & challenges that disrupt execution, by bringing the flexibility & speed of a startup to the enterprise.

Disrupt, or be disrupted

IBM Bluemix Garage Method

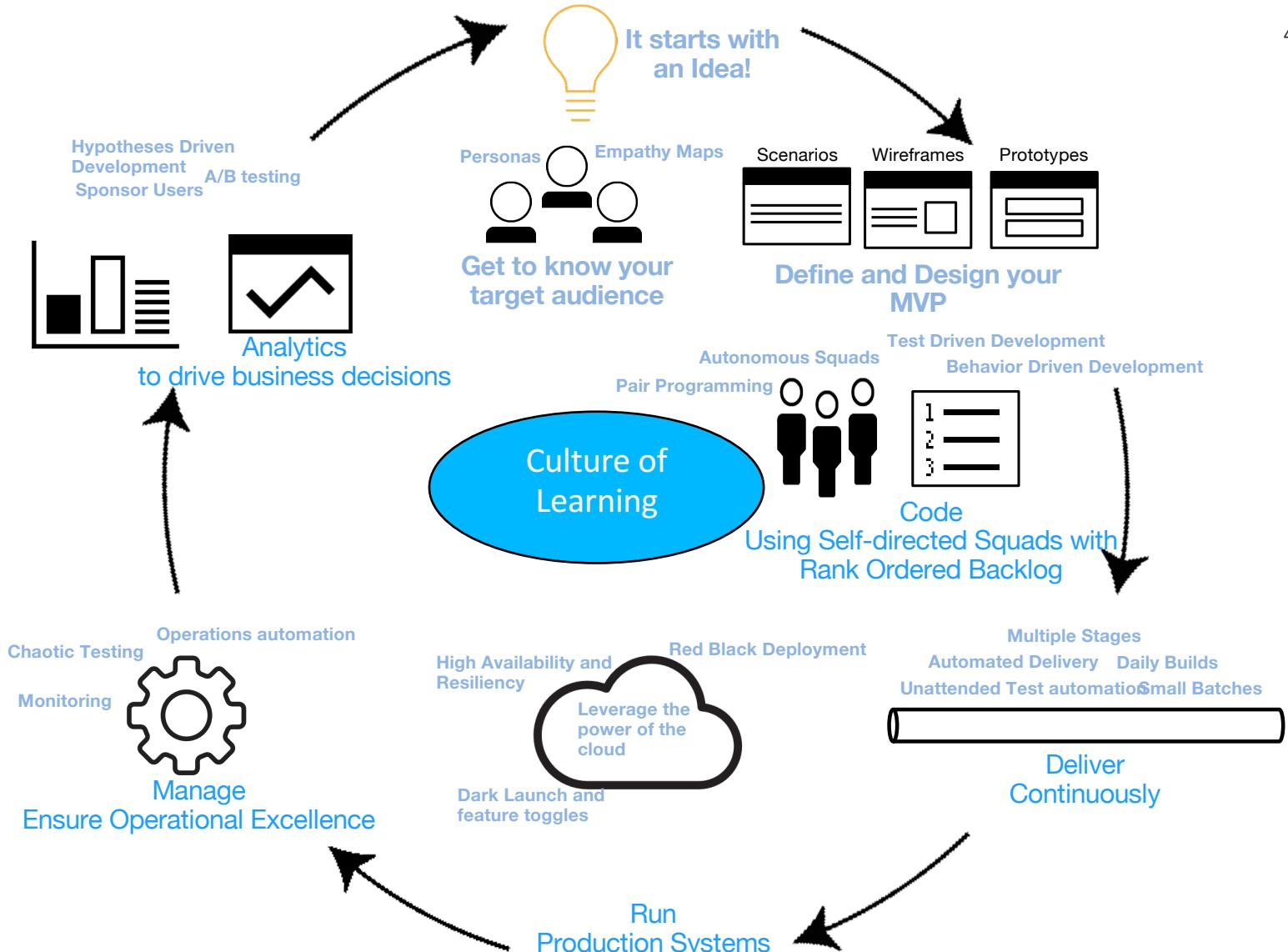
Combining industry best practices for **Design Thinking**, **Lean Startup**, **Agile Development**, **DevOps**, and **Cloud** to build and deliver innovative solutions.

To learn more visit:

<https://www.ibm.com/devops/method>



Navigating through the Garage Method Practices



IBM Bluemix Garage

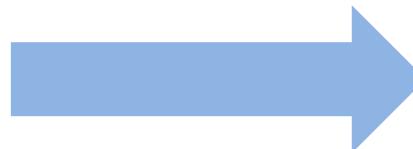
The IBM Bluemix Garage helps clients innovate faster, disrupt industries and the competition and build applications rapidly on IBM Bluemix. Bluemix Garage clients have excellent experiences, **rapidly build and deploy apps on the platform, and expand their usage of Bluemix.**

About The Garage

A consultancy with the DNA of a startup. Expertise including designers (UX/UI), developers and hybrid cloud architects.

Physical locations (8 WW) in startup environments around the world.

Integrates key Bluemix services such as Blockchain, Watson, IoT.



What The Garage Does

Enables clients on Bluemix, teaches clients the IBM Bluemix Garage Method.

Help clients accelerate app development and cloud adoption.

Helps clients define cloud architecture and operations for new apps or workloads to be moved.

Migrates workloads to Bluemix

IBM Bluemix Garage Use Cases

Innovation

Do you want to Disrupt with:

- Blockchain
- Watson
- IOT

- All while leveraging:
- Bluemix Garage Method and the power of Bluemix



Migrate to Cloud / Integrate into SoR

Do you want to Modernize with:

- Cloud Migration
- WebSphere Migration
- Assessment and Enablement
- Security Assessment
- DevOps Pipeline



Transform to Cloud-Native

Do you want to Scale with:



- Microservices Re-architecture
- Skills Transformation
- Garage Method Training
- Transformation of Development Culture

IBM Bluemix Garage Locations



London Garage
WeWork Moorgate
London, UK



Melbourne Garage
Lab 14 @ Carlton Connect
Melbourne, AU



New York Garage
Galvanize
New York, NY



Nice Garage
CEEI NCA
Nice, FR



San Francisco Garage
Galvanize
San Francisco, CA



Singapore Garage
Singapore



Tokyo Garage
Tokyo, JP



Toronto Garage
The DMZ @ Ryerson
University,
Toronto, CN

Or, we can bring a Pop-up Garage to you!

IBM Bluemix Garage Client Success Stories

Bendigo and Adelaide Bank

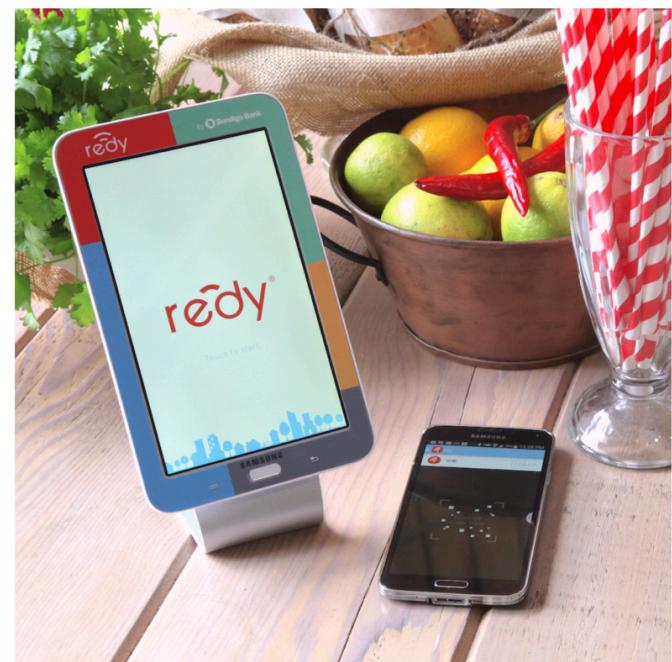
Australian community-focused financial services provider
Accelerating development of new Apps & APIs up to 10 times faster, transforming customer service and giving the bank “start-up” speed and agility

Need: Bendigo and Adelaide Bank sought a truly transformational approach to its delivery of digital capabilities, including Apps, APIs and services. One such need was to extend its Redy mobile payment system within a challenging time frame.

Why IBM?: Bendigo and Adelaide Bank chose IBM® Cloud based on its open source foundations and differentiated value proposition of creating composable business models and solutions with the IBM® Bluemix® platform that provides open compute options, application runtimes and cloud services (such as mobile, social, security, integration, data & analytics, cognitive, etc) from IBM and 3rd parties.

Solution: The bank deployed an off-premises private cloud using IBM Bluemix Dedicated platform, and in just 12 weeks, launched Redy Web Merchant, an application allowing customers to make payments with quick response (QR) codes and offer credits to community fundraising initiatives.

Benefits: IBM Cloud allows the Bank to operate with the agility of a start-up and the security and resilience required by a regulated enterprise. Using IBM Bluemix, the Bank has been able to take advantage of disruptive technologies previously only applicable to startups to create leading edge solutions.



IBM Bluemix Garage Client Success Stories

Kimberly-Clark Professional*

Creating Exceptional Workplaces: Safer, Healthier and More Productive.

Effective and efficient product solutions help safeguard businesses by keeping people healthy while they work, protecting employees and their environments, and enabling businesses to operate more efficiently.

The Intelligent Restroom Management system enables real-time alerts for low product, dispenser malfunction, visibility of restroom traffic and consumption rate, along with a dashboard gauge via desktop or mobile devices.

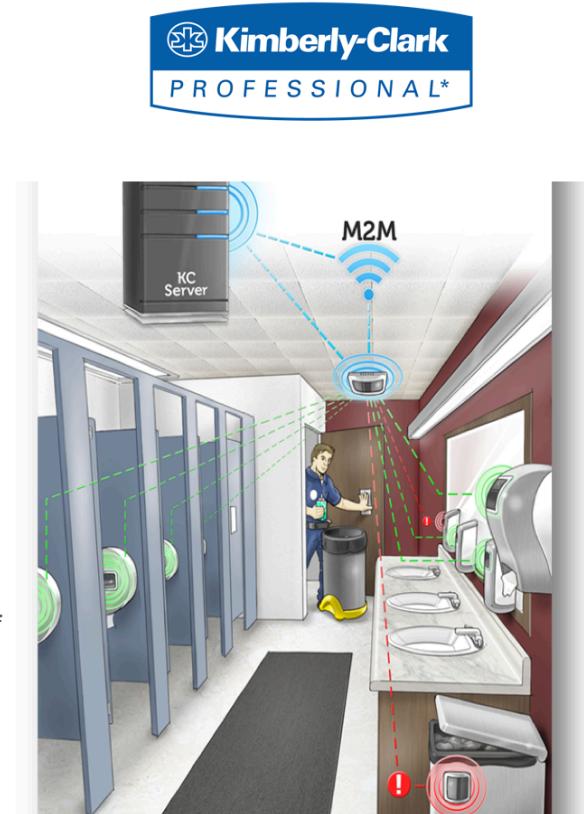
Need: Kimberly-Clark Professional (KCP) sought to partner with a strategic provider to host the platform and integrate it with an ecosystem of Smart Buildings solutions, in addition to establishing a foundation to enable high-powered analytics for greater insights for their products and customers.

Why IBM?: The significant base of IBM solutions installed in the Smarter Buildings arena appealed to KCP. KCP executives saw the opportunity to leverage Watson analytics, Internet of Things (IoT) foundational services, and potential integration with IBM Tririga and Maximo solutions.

Solution: The organization used the Bluemix platform to write the production version of its Intelligent Restroom application. Using the IBM IoT Foundation service, it can readily program dispensers to communicate through dashboards with custodial and building staff when service is needed.

Benefits: On average through the alpha test pilots, KCP customers have seen

- 90% reduction in dispenser complaints
- 20% reduction in consumables consumption
- 10% reduction in restroom service time
- 33% reduction in consumables inventory



IBM Bluemix Garage Method

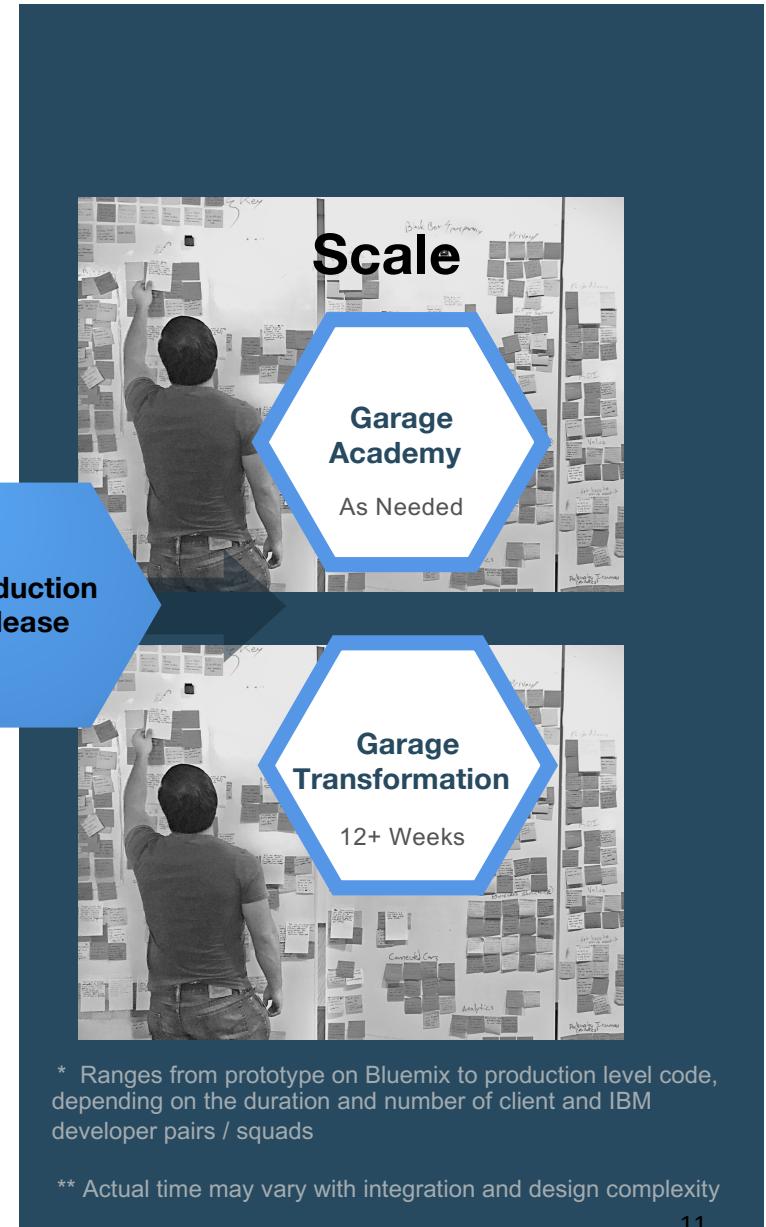
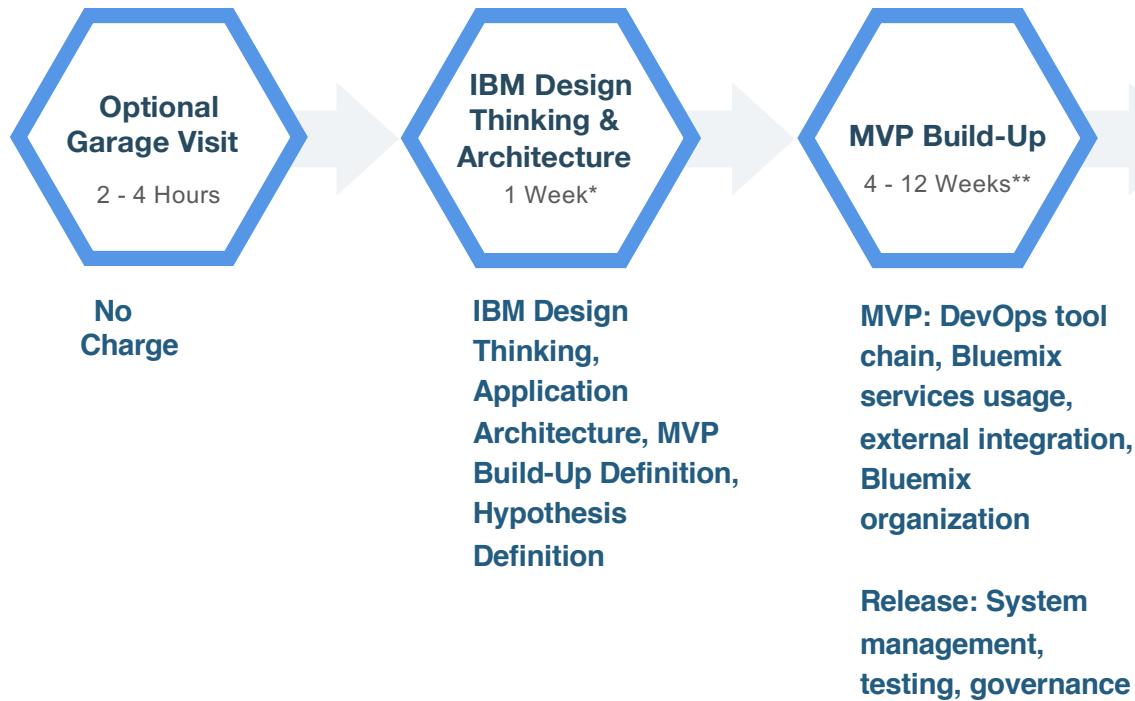


The IBM Bluemix Garage Method combines industry best practices on IBM Design Thinking, Lean Startup, Agile Development, DevOps and Cloud to help you build and deliver innovative solutions quickly.

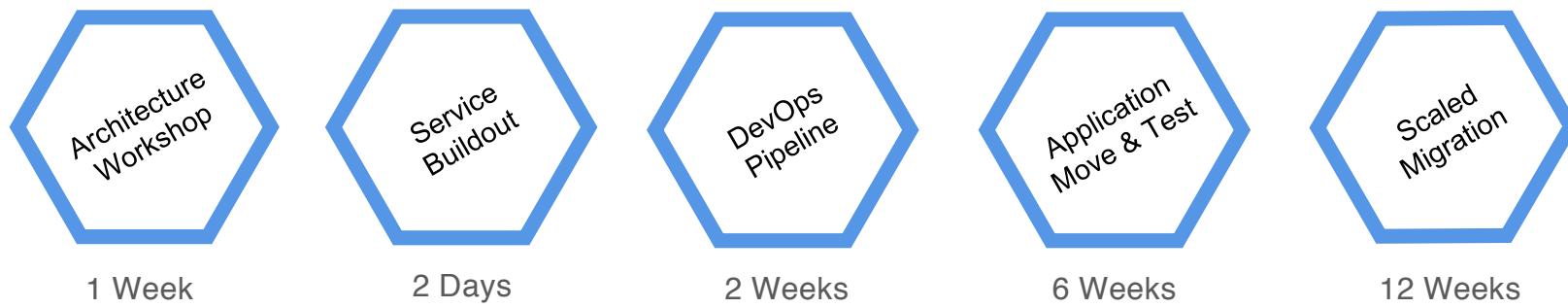
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Bluemix Garage: a typical path

A structured innovation program led by user-centered design, lean startup methodologies to deliver sustainable, scalable business solutions



Platform Architecture and Application Migration Offerings



Come in with:

| | | | | |
|--|--|---|---|---|
| Assess first Bluemix application (new application, or a move of existing). | Application recipe, required native services, external dependencies. | Application recipe, DevOps delivery model, IBM toolchain defined. | Detailed assessment, development support and automated move of first low-medium complexity application. | Initial portfolio of Bluemix candidate applications (10 new or existing). Incremental objectives. |
|--|--|---|---|---|

What you get:

| | | | | |
|---|--|--|--|--|
| First application assessment & recipe (services, run time, NFR, integrations). Plan for application to go-live and release. | Application team enabled on CUPs use and creation; Bluemix service usage models; initial CUPs. Future requirements identified for Service brokers. | SCM, build, deploy, release pipeline implemented for first application. Application team enabled on tool-chain and DevOps practices. | First application moved to Bluemix, and regression tested. Supporting DevOps pipeline used for move and available. | Core team skilled in Bluemix/DevOps usage model team onboarding process, garage method. Up to three applications released to production. |
|---|--|--|--|--|

Cloud Service Management & Operations Offerings (CSMO)



4 hours



2 - 5 days



3 - 6 weeks

Come in with:

Open questions around your organization's current Service Management practice.

A cross-sector of teammates from Operations and IT ready for collaboration.

CSMO Design Thinking Workshop and clearly defined Service Management MVP scope.

What you get:

Spend half a day with our Service Management subject matter experts to gain an understanding of current Cloud Service Management principles and best practices.

Identify and design a Cloud-based Management solution focused on solving your current Service Management pain points and define Minimum Viable Product(s) (MVPs) to address them.

Implementation of selected MVP. Build and deploy a Service Management MVP and validate with end-user feedback.

IBM Bluemix Garage Academy Offerings



1 Week



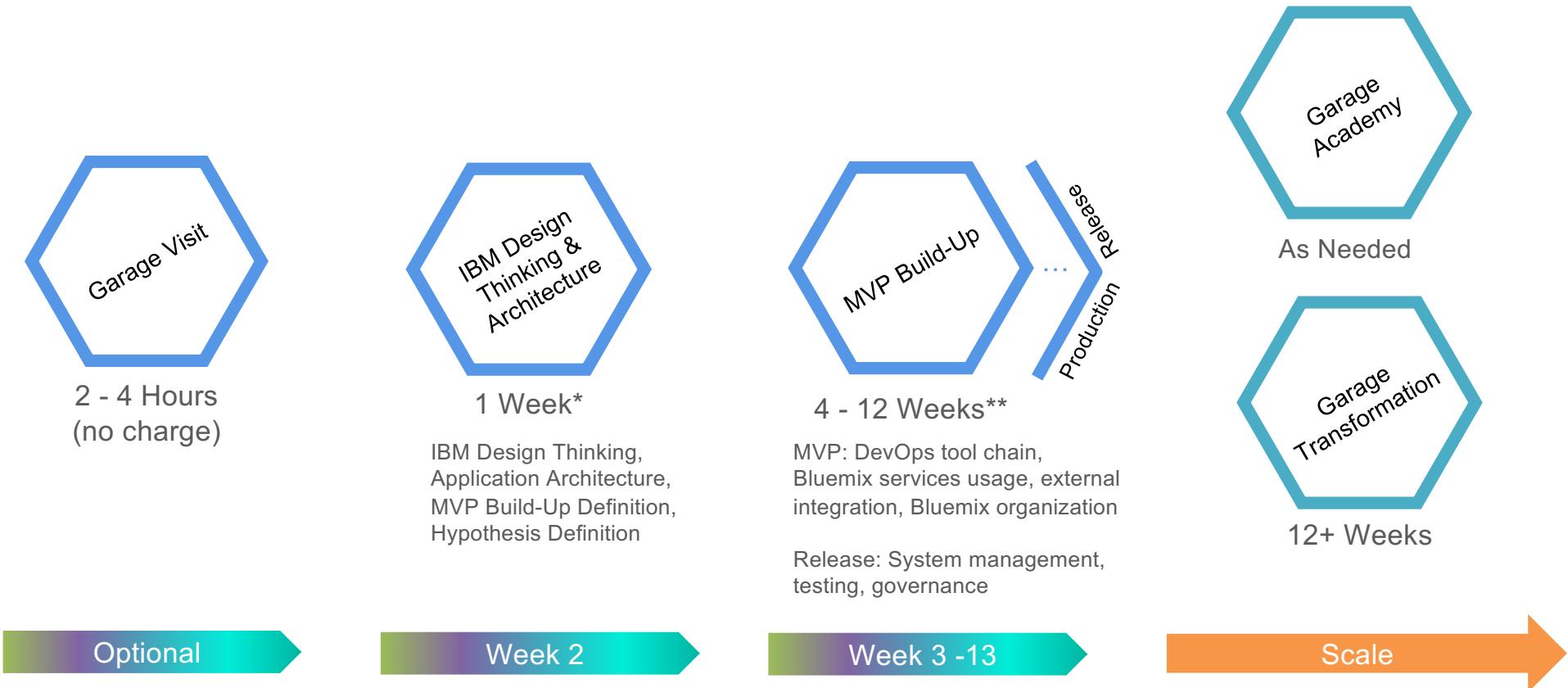
2 Weeks



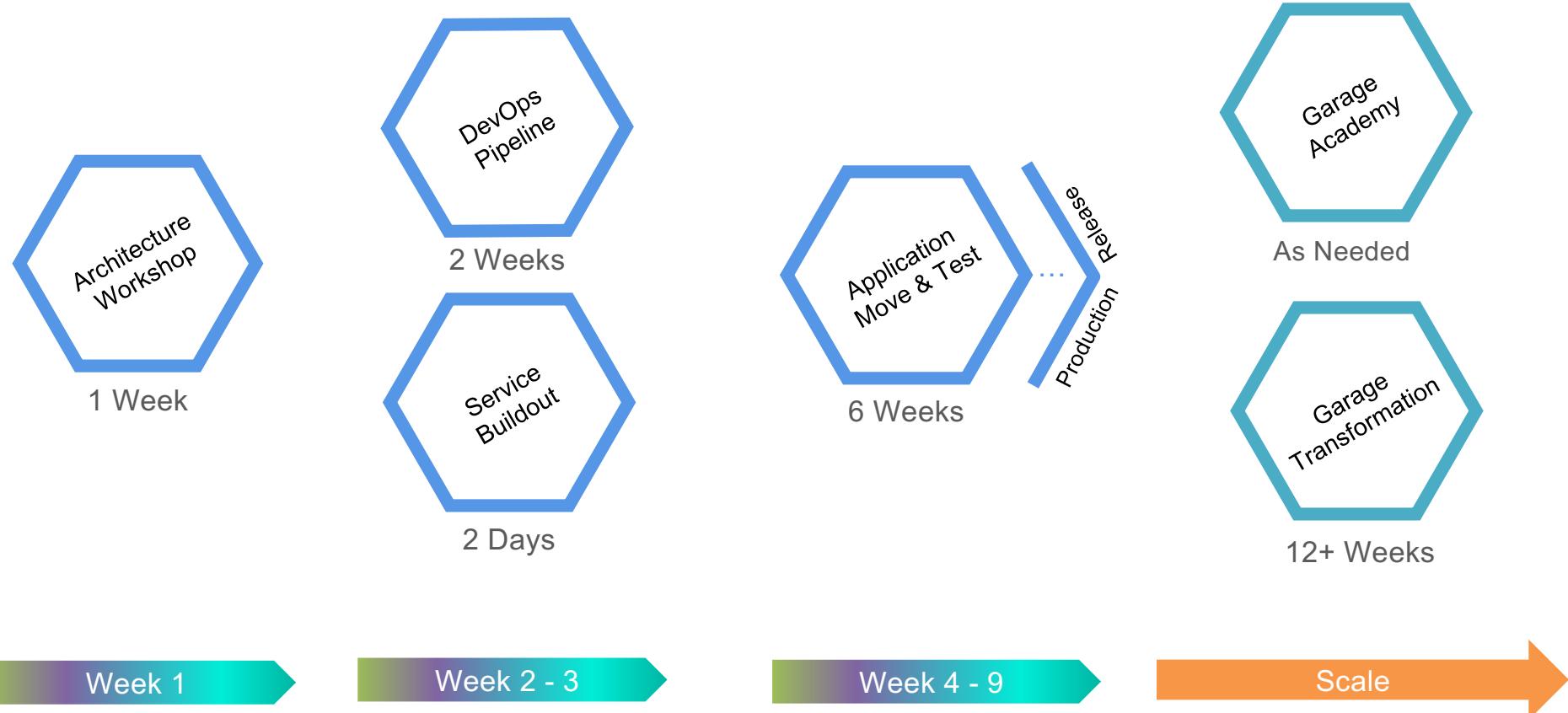
8 Weeks

| | | | |
|---------------|---|---|--|
| Come in with: | Proficiency in enterprise application development using Java, Java EE or JavaScript | Proficiency in JavaScript, Ruby, Python or other programming languages | Experience in programming languages and building enterprise applications |
| What you get: | Knowledge to build cloud-native applications, integrate with external resources and migrate existing applications | Learn core practices of Bluemix Garage Method including developing a slice of MVP | Employee competencies for modern development approaches including front-end, back-end and mobile practices |

Build New Application(s)



Migrate Existing Application(s)



Bluemix Premium Support

A Support Offering that fosters the highest response times Objectives for mission-critical applications with a strategic dependence on IBM Bluemix.



A Client Success Manager (CSM)

CSMs are a rapid route into the Bluemix organization, providing proactive and focused attention to quickly achieve maximum value from the environment. CSMs also facilitate upgrade and change requests.



Rapid Response Times and Priority Handling

Premium Support offers the quickest response time objective for Bluemix clients.

Clients are placed into dedicated queues and serviced in a priority order above incidents that have a similar business impact designation.



Business Reviews

CSMs will conduct quarterly business reviews to ensure best practices are followed, and to evaluate product usage where needed to achieve desired outcomes.



Partner with
the **# 1 hybrid cloud provider***
on your cloud integration strategy.

The **fastest**
access to IBM
development,
support and
technical engineers.

Think like a **startup!**
Innovate with us using
modern approaches
and **quick iterations.**

We align with
your business goals.
Our offerings cover
all aspects of cloud
and hybrid cloud
solutions.

Client Technical Engagement

More than 2000
technical professionals
plus hundreds of partners
spanning the globe.

Advisory, implementation, and
transition services for cloud and
hybrid integration solutions.

Why IBM

IBM is delivering the cloud and mobile platform for the global enterprise. Our vast portfolio and deep expertise provide the opportunities you need to innovate.

- **IBM Design Thinking** provides tools for understanding customers, brainstorming ideas and visualizing scenarios.
- **IBM Bluemix Garage** infuses start-up culture, transforming vision into prototype, supported by DevOps and Bluemix.
- **IBM Bluemix (IaaS & PaaS)** deliver global, secure high-performance platforms, allowing ecosystem integration and automation.
- **IBM Bootcamps** accelerate transformation of development organizations.
- **IBM industry experience and related business outcomes** – documented and shared – from IBM internal adoption of DevOps, across CIO Office, Offerings, GBS, GTS, Cloud, Systems, Watson, Smarter Cities, SWG, etc.
- **Credentials in prior method-based transformations** (RUP, UML, ITIL/TUP) and Open Source.



Thank You!

IBM