

# **Technical Discovery Session**

No-Charge

**IBM Garage**

**IBM Garage is a bold, comprehensive approach to innovation, modernization and transformation that quickly creates and scales new ideas that dramatically impact your business.**

# IBM Garage Experience

## Activities



Business Framing



Technical Discovery



Design Thinking



Architecture



MVP Build



Build Out

### Client outcomes

- |   |   |  |  |   |   |
|---|---|--|--|---|---|
| ✓ Align on your client's vision and desired business outcome. | ✓ Explore technical areas of interest and non-functional requirements: e.g. applications, security, integration, edge, etc. | ✓ Business and IT alignment on user experience and roadmap to meet your client's business outcome. | ✓ Define a secure minimum viable architecture that mitigates risk.                                       | ✓ Modernize, deploy, and test the application on the cloud environment.                       | ✓ Iterate across multiple MVPs, refine solution until you achieved the stated business outcome. |
| ✓ Confirm executive sponsor, product owner.                   | ✓ Recommended technical next steps and/or further discovery as needed to build proposal.                                    | ✓ Identify series of MVPs. Agree on next MVP business experiment.                                  | ✓ Architect and create an implementation roadmap for a hybrid, multi-cloud platform and DevOps adoption. | ✓ Test hypothesis via learning-driven production release against the stated business outcome. | ✓ Become self-sufficient in achieving business results with the IBM Garage Method.              |
|   |   | ✓ Identify risks and assumptions.  |  |   | ✓ Scale production environment and applications.  |



## Technical Discovery

# It's beneficial if

- ✓ Multiple high-value business opportunities were identified during the Business Framing workshop and more technical exploration is needed to prioritize.
- ✓ The business opportunity is technically complex and more details are needed to formulate a plan.

*Note: This is not meant as a deep dive into solution architecture. If the opportunity and general technical landscape are well understood, then we recommend an architectural consultancy to design the solution architecture.*

## Technical Discovery



# Value to IBM

For modernization or transformation projects, whether data, security or application-centric, there is likely a complex technical ecosystem, as well as organizational structure that we need to understand in order to prepare an informed engagement plan.

A Technical Discovery session enables us to gather just enough detail needed to scope the engagement.

# Objectives

During our session,  
we'd like to  
answer the  
following  
questions for you:

- 1. What are we covering during the next Garage engagement?**
- 2. What do we need to do in preparation?**
- 3. Who are the best people to bring?**
- 4. What can I expect during the engagement?**
- 5. What's the result when we're finished?**
- 6. What are the next steps?**

# Agenda

*One half day session, or two 2-hour sessions*

- Introductions and Welcome
- Agenda Review
- Review the IBM Garage (if needed)
- Review your business opportunities (from Business Framing session)
- Identify a primary, actionable use case
- Review Mural
- Identify technology and architecture systems
  - What currently exists at client (strengths/weakness)
  - Review alternative and other enabling technology
  - Education
- Elaborate on opportunities and challenges, architecture, data, integration, functional and non-functional requirements
- Identify technical persona for the engagement (e.g. developer, DevOps specialist, application architect, etc.), and their needs
- Gather enough information to create a proposal (Without covering DTW/AW – get an idea for future state requirements)

## Technical Discovery

# Attendees

**Invite 5-7 people across the following roles.**

**Business** this person(s) is the voice of the business and its strategy and should attend for continuity from the Business Framing session.

**Technical** A variety of technical roles will be beneficial across Architecture, Development and IT.

These persons have an understanding of your current technical strategy and an understanding of current technical opportunities.

**Innovation (optional)** this person(s) brings new ways of working into your company or has a perspective on innovation opportunities.

This person can also be representative of the persona who will benefit from the solution.

## Technical Discovery

# Successful remote collaboration sessions have:

- 1. Every participant in every session** - this ensures continuity of group decisions and alignment on outcomes and next steps.
- 2. All participants have access to collaboration tools (We'll help you get started with tools like Mural)** - enables us to jump straight into the workshop
- 3. Working environments with good wifi** - this enables us to communicate efficiently and make significant progress.  
Prepare to have your camera on!
- 4. Personal computer or laptop** - use this as the main way to participate. Tablets and phones have limited functionality.
- 5. Level the playing field** - avoid situations where some people are co-located and some are remote.
- 6. Prep. Prep. Prep.** - The more you know going into a remote session, the better you can manage it. Bring architectural diagrams that can help with the discussion.



