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All change, even a change for the better, is always accompanied by drawbacks and discomforts.

- Arnold Bennett

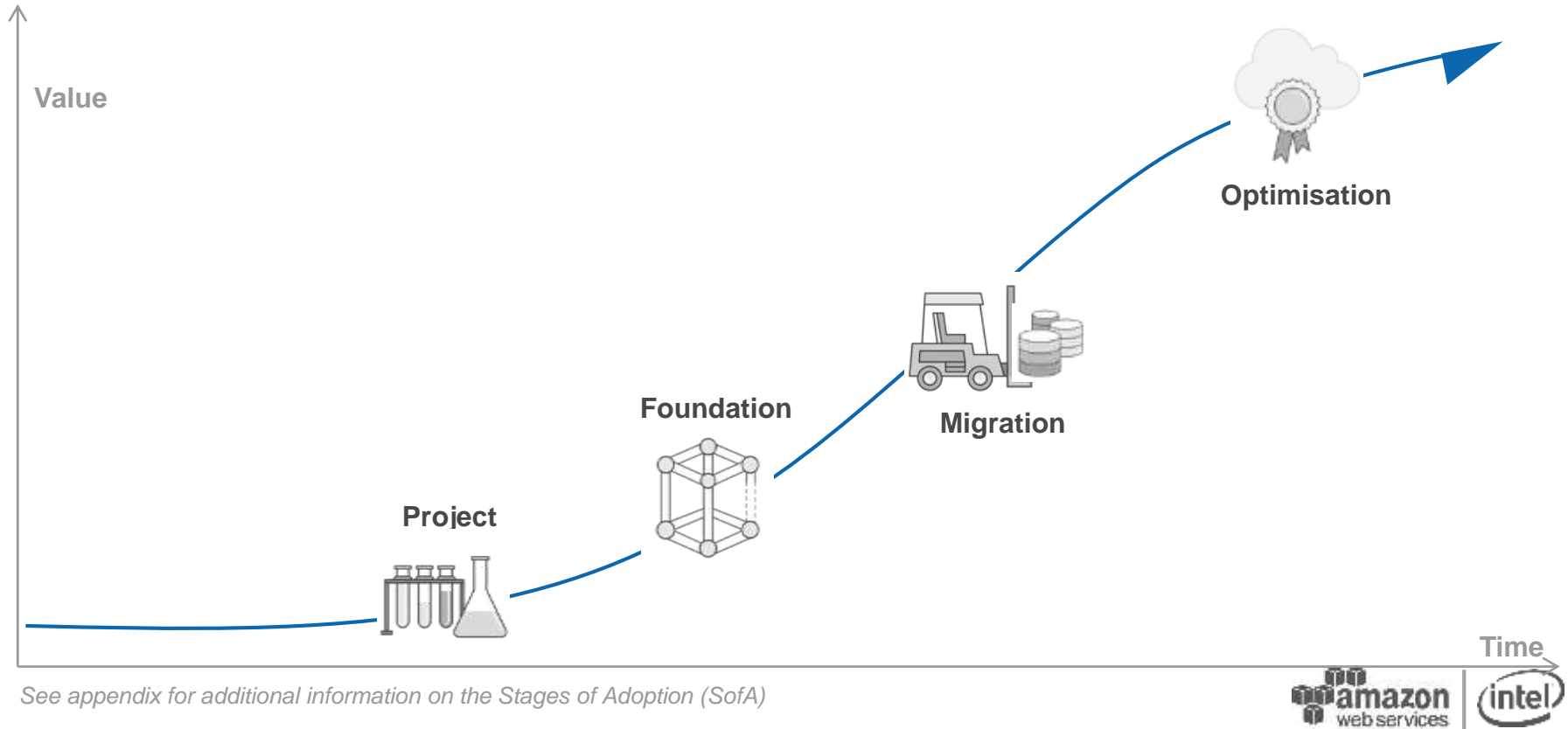
AWS Cloud Adoption Framework

Shawn Gandhi
Head of Solutions Architecture
AWS Canada

 [@shawnagram](https://twitter.com/shawnagram)

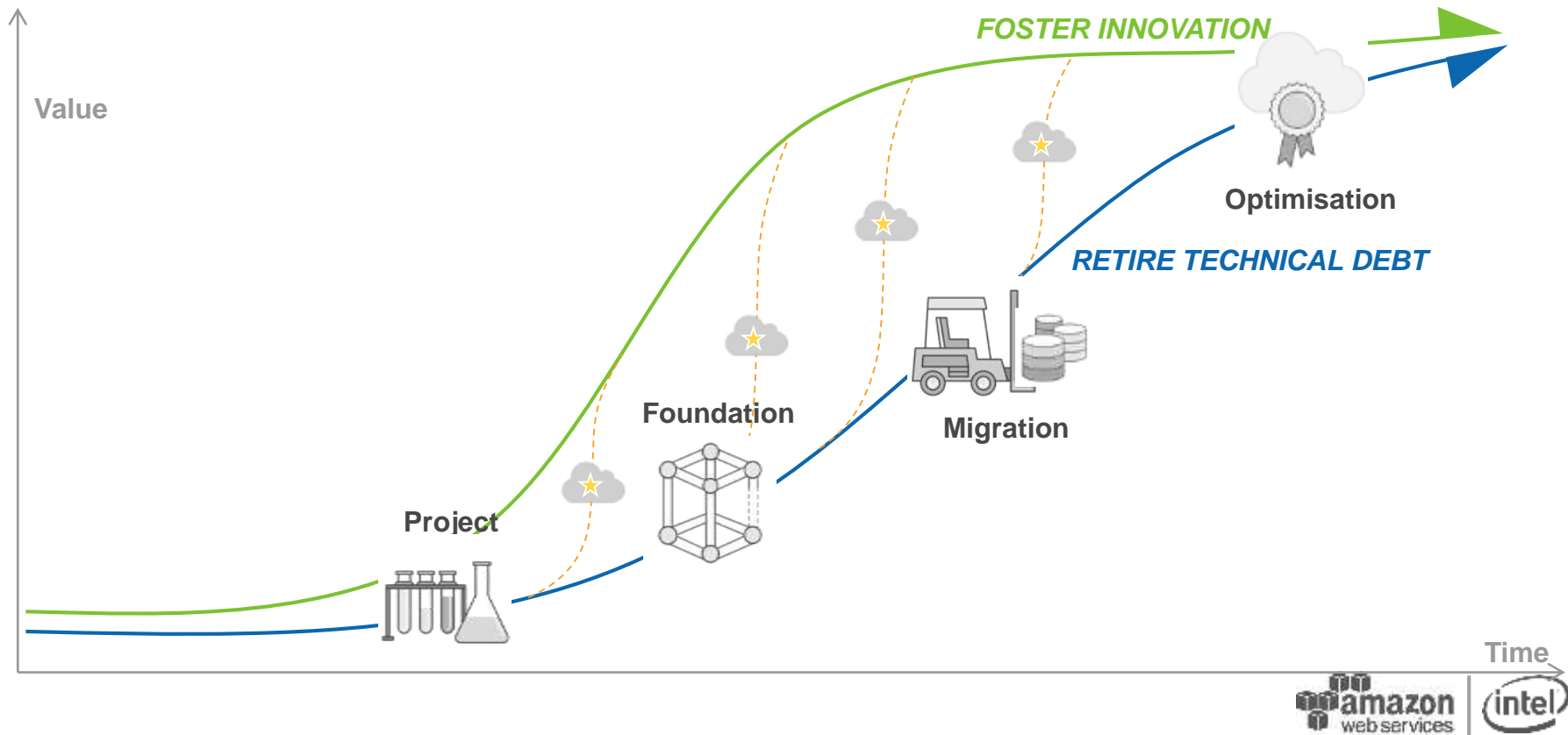
Stages Of Adoption

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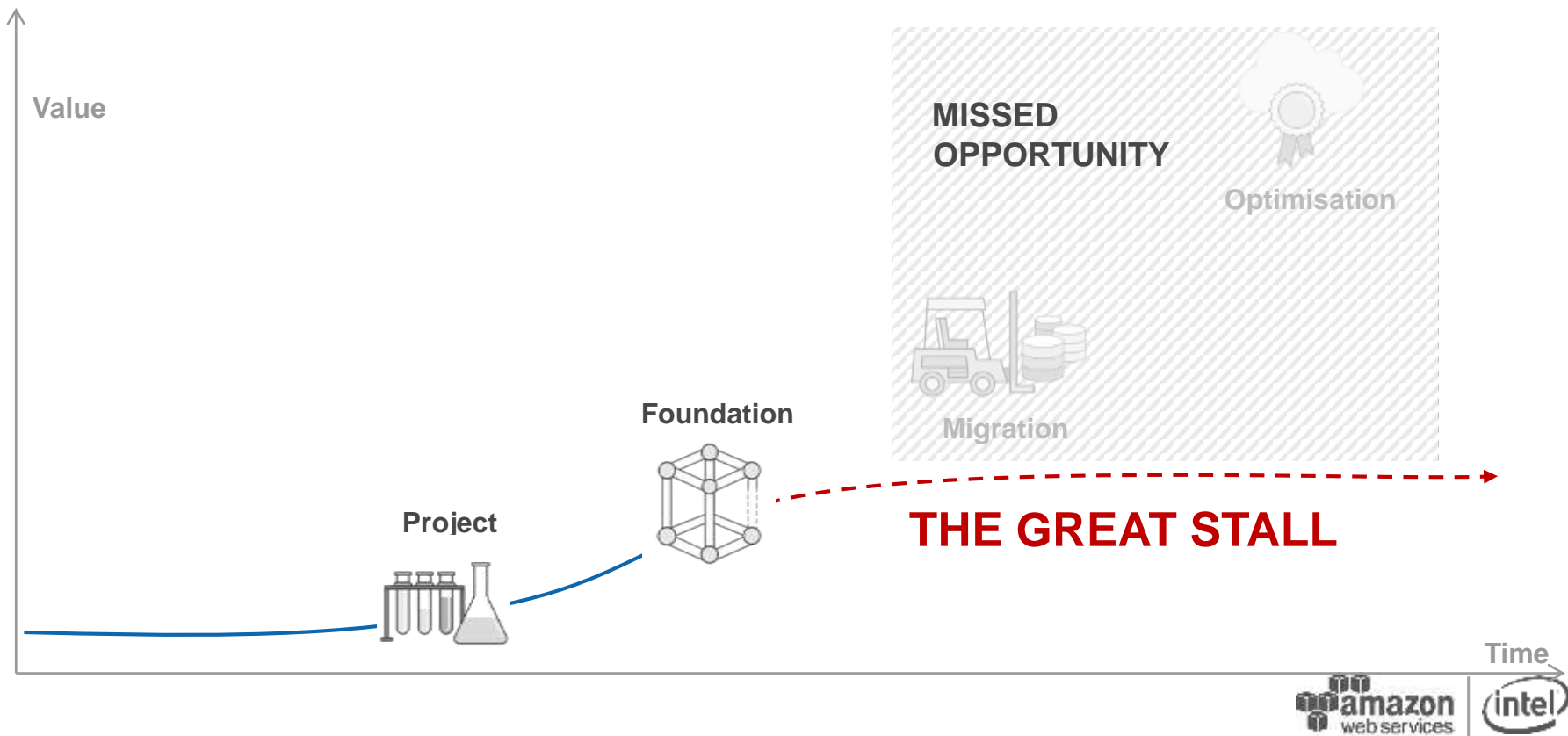
Accelerate Time to Value

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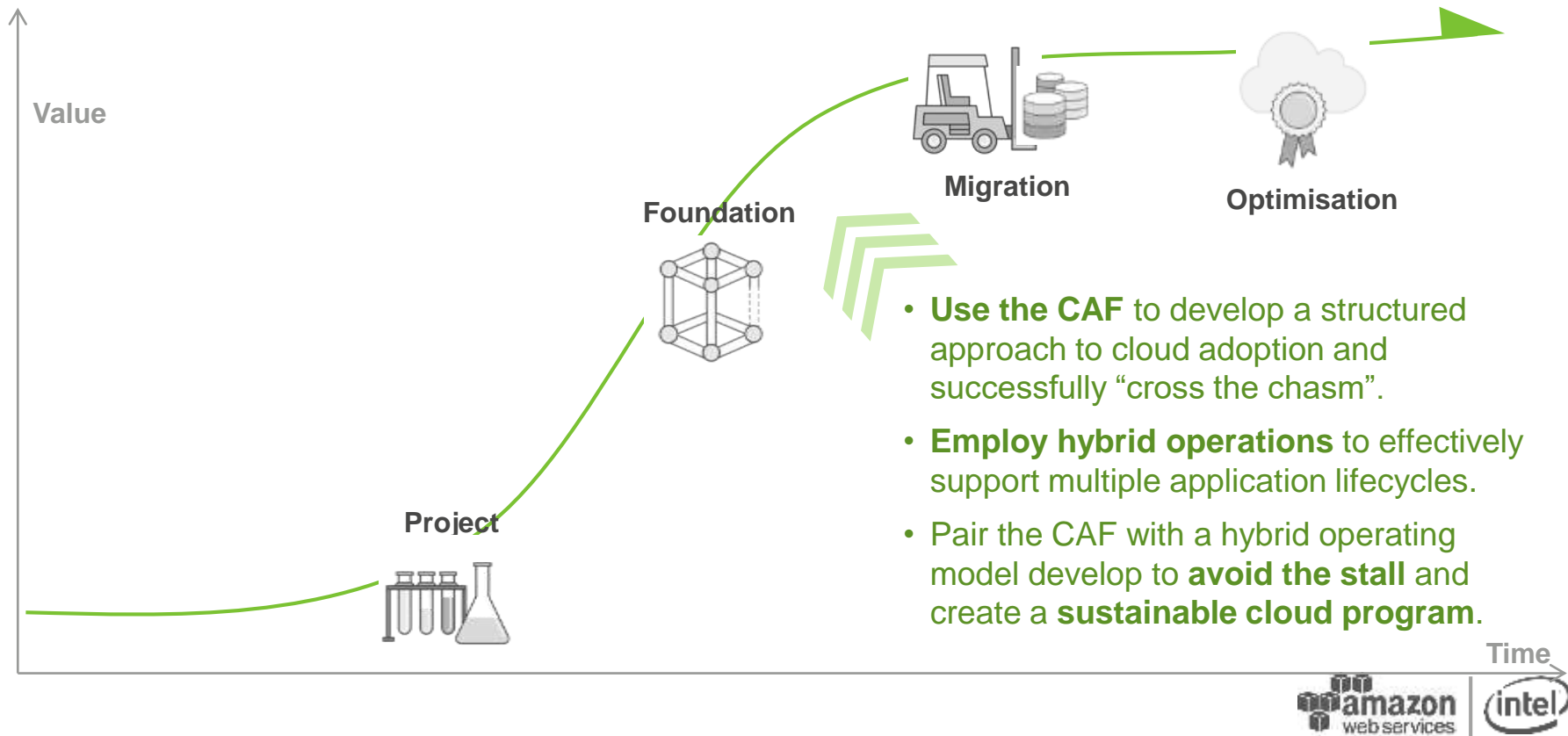
The Great Stall

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Staying on the Right Path

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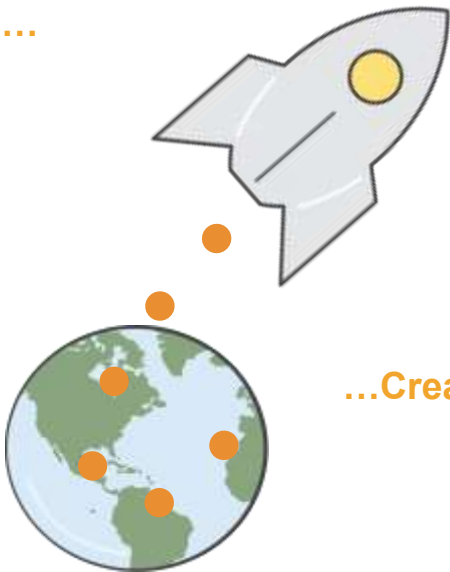
Cloud adoption in more than just technology...



Cloud adoption is a journey

Knowing your current state is critical...

Current State
High up-front costs – high risk
Expensive to get and keep secure
Long time to value
Non-value add capabilities
Not always business aligned

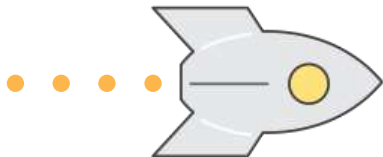


Desired State

Low up-front costs & risk profile
Security and certification built in
Agility improving time to value
Focusing on core business
Enabler of the business

...Creating a vision for the future is powerful

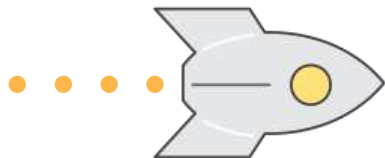
Begin by understanding your business objectives and constraints...



- **Competitive advantage** in the market
- **Reducing the cost** of traditional IT
- **Adapting** to market changes **quickly**
- Aligning **IT** to business strategy

...your organization's capabilities...

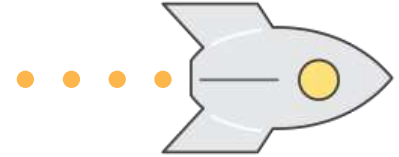
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- Organization **size** and **complexity**
- **Regional** and **global** footprint
- Operational **maturity**
- **Centralized** or **decentralized** IT delivery model
- Internal **culture**
- **Startup** vs. well-established business

...and business vertical influences

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- Industry or government-specific **regulations**
- **Compliance** and governance
- Technology **adoption** rates

What is **my** journey?

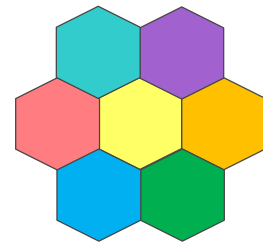
Every journey to the cloud is different...

...Let the AWS Cloud Adoption Framework be your guide



Comprehensive framework to efficiently and effectively align your cloud adoption journey to your business objectives. The AWS CAF is comprised of:

- 7 Perspectives
- Step-by-step process to build your cloud roadmap
- Execution and delivery approach



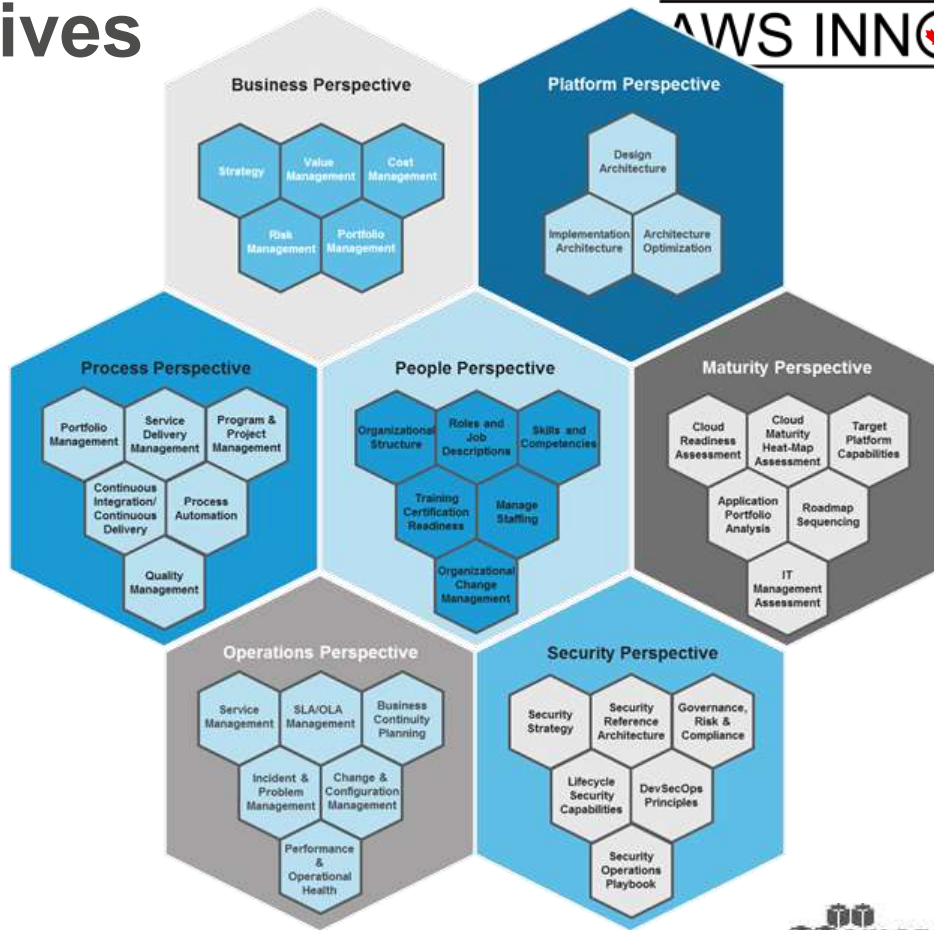
**AWS CAF 7
Perspectives**

https://d0.awsstatic.com/whitepapers/aws_cloud_adoption_framework.pdf

CAF Core Perspectives

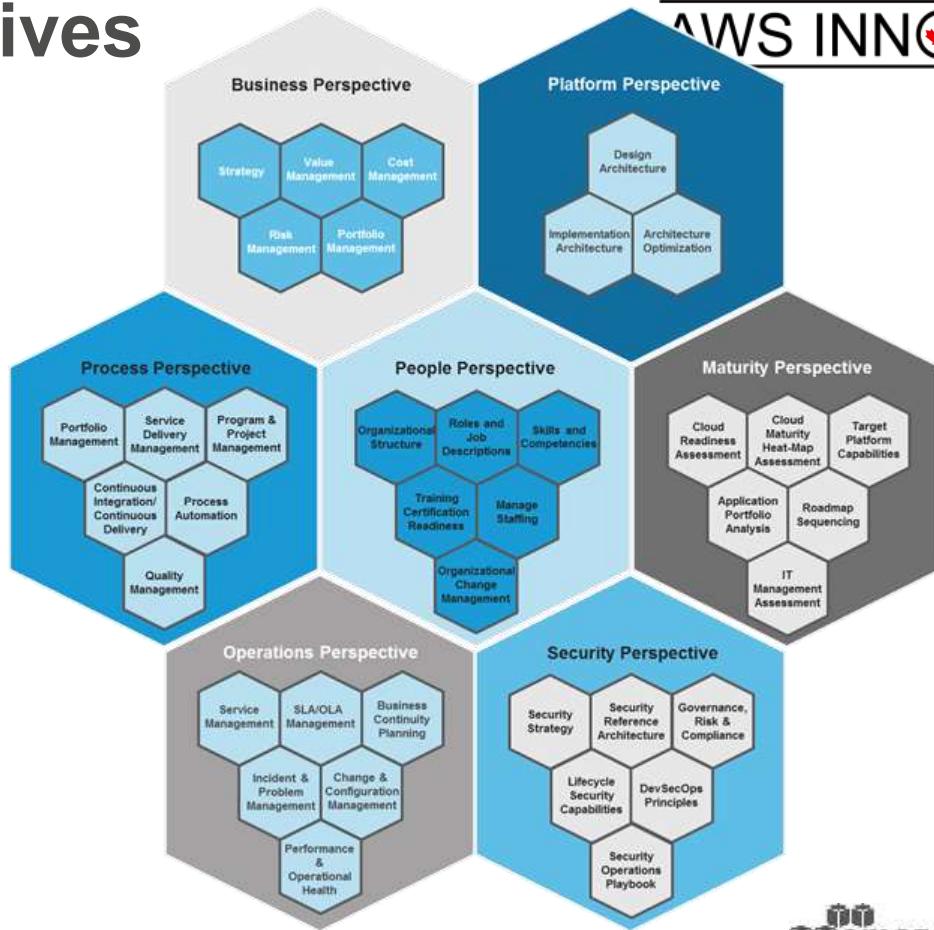
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- ☐ Business
- ☐ Platform
- ☐ Maturity
- ☐ People
- ☐ Process
- ☐ Security
- ☐ Operations



CAF Core Perspectives

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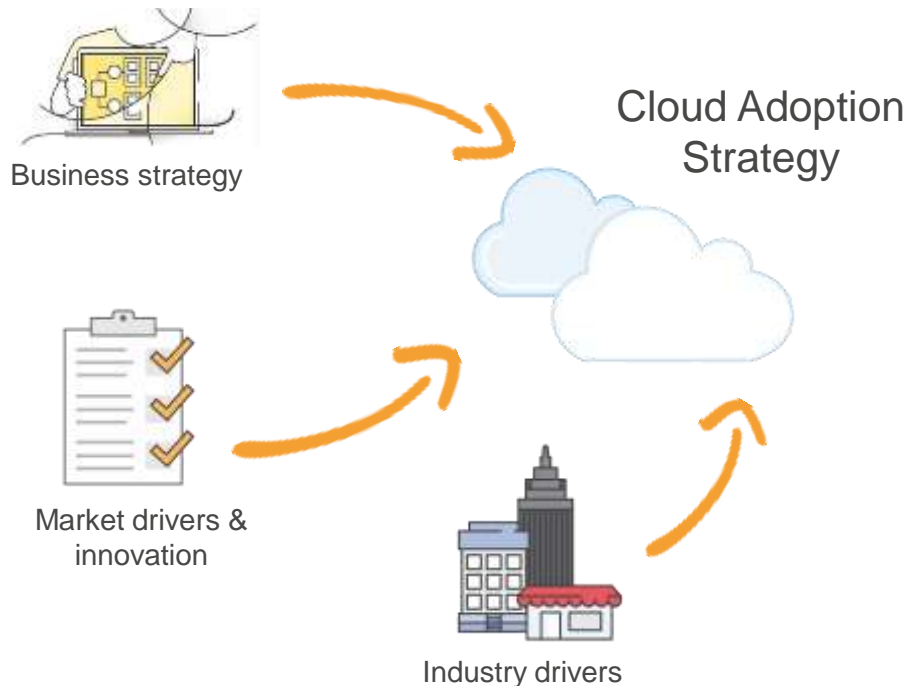


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Developing Your Roadmap Using the AWS CAF

Understand Your Strategy and Market Drivers

Set the stage for the journey. Be bold, but be smart!

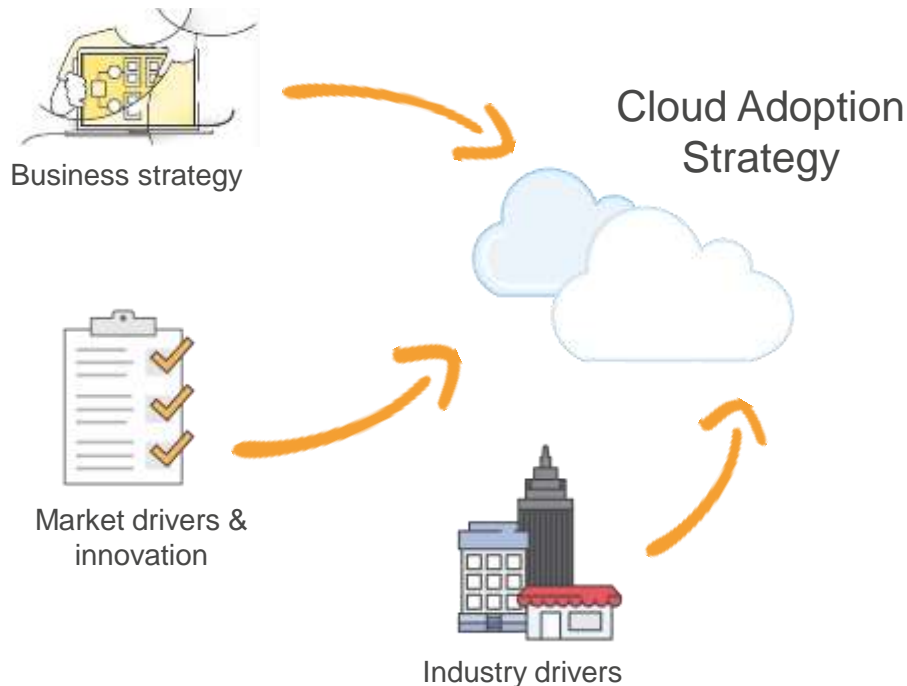


Key Activities:

- **Develop** your cloud strategy aligned to business requirements.
- Engage your **stakeholders** from the start and bring them on the **journey** with you.
- Communicate the **value** to the business.
- Define **measurable** goals and monitor.

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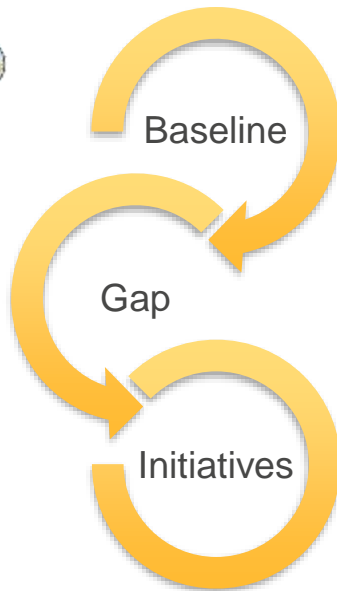


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Understand Where You Are Today

Determine what capabilities you require to achieve your cloud vision



- Assess and baseline current cloud / IT capabilities with respect to people, process and technology
- Define the key cloud adoption capabilities required to achieve business objectives
- Prioritize list of activities/initiatives when executed result in delivery of the business strategy

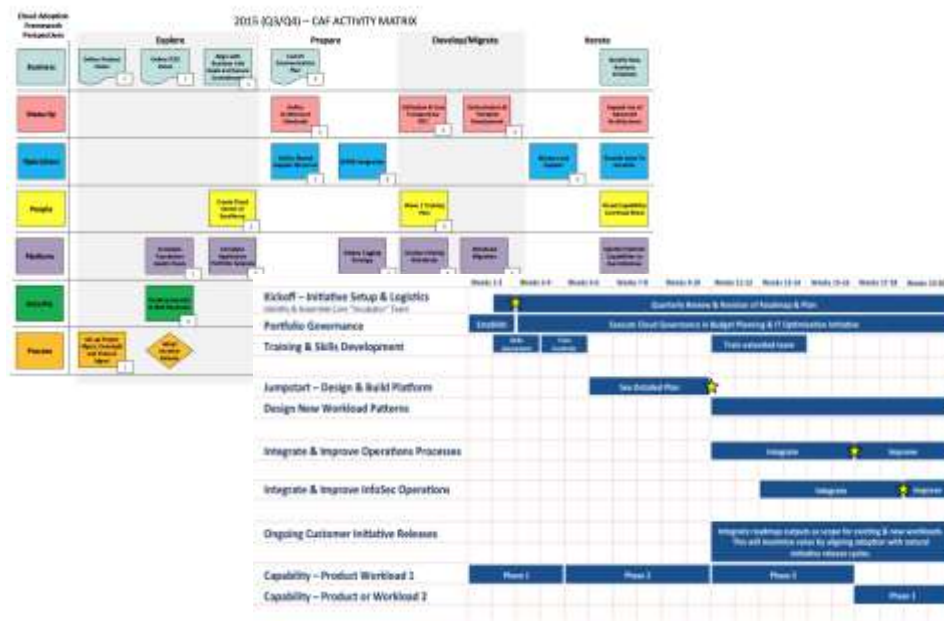
Key Activities:

- **Assess** current capabilities: application portfolio, talent, operational readiness, architecture
- **Define gaps** in current state capabilities to deliver on cloud vision and strategy
- Run **workshop(s)** on gap analysis, presenting and **verifying results** with stakeholders

Plan your journey

Develop and prioritize key initiatives for your cloud adoption roadmap to guide your execution.

Cloud Activities Matrix



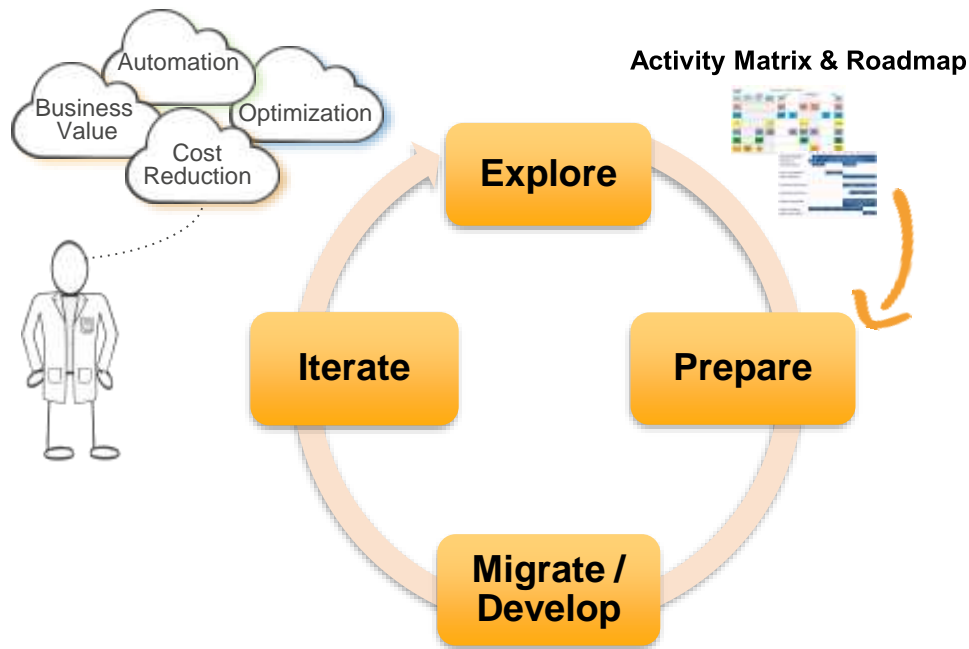
Cloud Roadmap

Key Activities:

- Develop **prioritized** set of **recommendations** and **initiatives**
- Develop **cloud adoption roadmap** with function dependencies and timelines
- Develop **communications plan** and schedule
- **Organize** resources, partners, etc.
- **Track progress**, measure and **report success** often.

Execute and Deliver

Implement roadmap items. Start small and iterate based on lessons learned. Enjoy the journey and reap the value!!!



Key Activities:

- **Explore** - why do it, what business value, gap analysis
- **Prepare** - project plan for activity, training, establish platform, establish operations, establish security
- **Migrate/Develop** - Move an existing application to the cloud or develop a new cloud native application
- **Iterate** - measure and identify opportunities to improve

Key elements of a successful journey AWS INNOVATE



Executive
Sponsorship

Align on business requirements; bring all stakeholders with you



Cloud-First
Strategy

Create your vision; incentivize team members to follow your lead



Principles &
Standards

Define Architectures, patterns, governance; measure, monitor, iterate



Experiment

Publish guidance and guard rails for how to adopt cloud successfully



Cloud Center of
Excellence

Provide centralized expertise; guide decentralized innovations



Organizational
Change

Define new operating models, policies, processes, economics; provide training



Adoption
Roadmap

Start small and iterate, measure, manage and update plan



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Thank You



**Remember to complete
your evaluations!**

<http://bit.ly/2qZavGK>