Secure Azure Cloud Modernisation

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Kocho
BECOME GREATER

Agenda

→ Quick recap on Kocho EVOLVE

→ Interactive walkthrough ofIaC
    → DevOps/Pipelines

    → Terraform

Kocho EVOLVE

A framework for
Digital Transformation

Kocho EVOLVE phases

Following best practices in the Kocho EVOLVE framework allows organisations to better align business and technical strategies and ensure success in digital transformation projects. To facilitate this, a project based on Kocho EVOLVE aligns to several phases, shown below, that provide the approach for success.

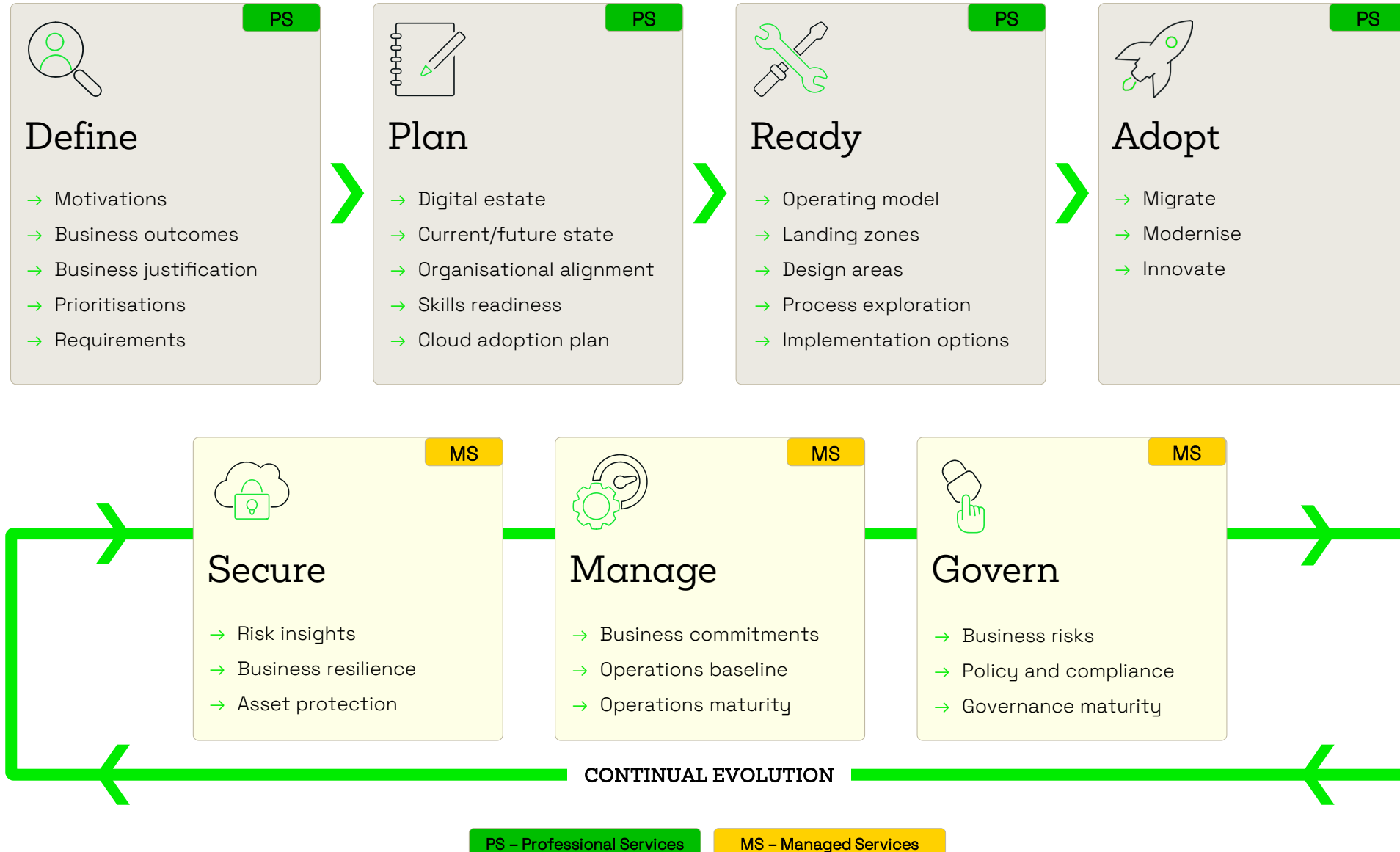|		
🔍	**Define**	Define project structure and gather business requirements to create a solution design that addresses the needs of the business and positions them for future success.
📝	**Plan**	Discover the existing state and outline the target state, with any interim states included. Develop solution design, aligned to business goals and solution requirements.
🔧	**Ready**	Prepare the organisation for changes, in readiness for digital transformation. Establish design patterns or implementation steps.
🚀	**Adopt**	Deploy the solution. Migrate, modernise and secure workloads. Innovate using new cloud technologies and features and iterate towards the future state.
🔒	**Secure**	Improve security over time. Research and develop security tooling, review risk insights and understand common attack vectors. Monitor industry trends and ensure capabilities continue to meet the needs of the organisation.
⚙️	**Manage**	Manage operations for cloud and hybrid solutions and improve maturity over time. Ensure consistent alignment to evolving business needs.
👆	**Govern**	Govern your environment and workloads. Ensure optimal security and manageability through continual governance evolution and improve maturity over time.

Phases in practice

Define `PS`
→ Motivations
→ Business outcomes
→ Business justification
→ Prioritisations
→ Requirements

Plan `PS`
→ Digital estate
→ Current/future state
→ Organisational alignment
→ Skills readiness
→ Cloud adoption plan

Ready `PS`
→ Operating model
→ Landing zones
→ Design areas
→ Process exploration
→ Implementation options

Adopt `PS`
→ Migrate
→ Modernise
→ Innovate

Secure `MS`
→ Risk insights
→ Business resilience
→ Asset protection

Manage `MS`
→ Business commitments
→ Operations baseline
→ Operations maturity

Govern `MS`
→ Business risks
→ Policy and compliance
→ Governance maturity

CONTINUAL EVOLUTION

`PS – Professional Services`   `MS – Managed Services`

What we will demo

→ Build a basic Azure Landing Zone using code – IaC

→ Terraform

→ Azure DevOps pipelines