

G-Cloud 15

Service Definition Document

Cloud Migration (workloads, applications and data)

January 2026



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1. Service detail

1.1. Introduction

EY Cloud Migration services deliver by an automated and structured approach to delivering this plan. The Cloud Migration Service is offered in two ways from Classic to Agile approach. Classic approach is used when the cloud discovery, readiness and migration is done in phased manner and Agile approach is used when application portfolio assessment and migration is done in multiple iterations by deciding on cloud native assessment and 7R disposition in multiple interactions as per business requirement.

Underpinning this migration service is the Cloud Transformation Toolkit (a framework supported by tools and taking a whole-of-business perspective). During the Migration Planning phase, the business priorities and readiness assessments using the EY Cloud Adoption Framework will be used to identify the right cloud adoption strategy, followed by a Migration Plan that considers inter-dependencies and roadmaps.

More recently, these activities increasingly draw on **AI-enabled discovery and analysis** to accelerate mapping, code conversion and workload assessment, reflecting EY's investment in intelligent automation for cloud programmes. This includes enhanced data discovery and dependency analysis which supports both speed and accuracy in migration planning.

Additionally, business priorities such as migration motivations, innovation motivations and critical business events support the scheduling phase of migration planning. The migration plan is then fed into the Cloud Migration Factory (a web-portal based accelerator) to ensure successful delivery. Underpinning the migration is the use of the EY Cloud Infrastructure Library (reusable Infra-as-Code scripts across cloud services).

Given the global move toward sustainability and EY's growing focus on the **green transition**, organisations can also align migration waves to GreenOps principles where appropriate (for example, selecting lower-energy architectures or optimising resource utilisation in line with ESG objectives).

The key features of EY Cloud Migration services include:

- Data Centre Migration
- Cloud to Cloud Migration
- Through these services, organisations can:
- Leverage EY's Cloud Migration Factory to accelerate the cloud migration lifecycle from discovery to optimisation and hypercare.
- Benefit from industrialised capabilities, tools, methods, and automation to move digital assets and databases to cloud.
- Benefit from customised cloud landing zones with consistent infrastructure.
- Test and maintain cloud migrations using EY's Cloud Testing Services.
- Achieve improved management of M&A and Divestiture activities.
- Implement DevSecOps automation across the digital estate.
- Optionally incorporate AI-powered engineering techniques to support automation of configuration, code modernisation and quality assurance, reflecting EY's AI-enabled delivery model.

1.2. Description

EY Cloud Migration Services help companies and public sector organisations refresh in line with new demands and opportunities, experimenting with new ideas and scaling successes. We help businesses transform and evolve quickly to seize opportunities and mitigate risks that digital transformations can create.

To respond to these new challenges, we see public sector organisations needing to:

- See the future and define their purpose.
- Orchestrate, accelerate and unblock a prioritised portfolio of initiatives.
- Re-think and re-create services like a start-up.
- Design, build, test and iterate.
- Plan, invest and scale at pace.
- Embrace transformation as a continuous way of working.

Cloud strategies increasingly integrate **AI-driven tooling** for assessment, optimisation and code modernisation. This builds on industry demand for smarter automation at scale and further supports EY's mission to help organisations adopt AI responsibly and efficiently.

The stages of Migration Factory are defined as per below stages.

► **Discovery**

Mostly a tool driven accelerated approach towards the cloud adoption initiatives by focusing on the cloud readiness of the applications, data, and infrastructure to provide quick wins. This includes **AI-supported workload analysis**, pattern recognition and efficiency insights that improve assessment accuracy and reduce manual effort.

► **Design**

During the cloud design factory stage, the factory team focus would be on designing the target cloud architecture, cloud service selection, target service sizing (right sizing), security design, network design, data base and application design enabled with logging and monitoring for the cloud services. Energy-efficiency considerations can also be incorporated to support **GreenOps-aligned cloud architectures**, balancing cost, resilience and environmental impact.

► **Assessment on 7R Disposition**

When considering a technology workload migration, it is important to remember that there are multiple ways of migrating that workload out of its current environment. We use the term "7 Rs" to describe migration options: Remove, Retain, Re-platform, Rehost, Repurchase, and Refactor. Each potential migration type is important to consider. They are organised in terms of innovation. The higher up options like re-platform and refactor usually provide the latest technology solution. AI-augmented analysis can support automated code review, pattern matching and readiness scoring.

► **Planning**

Considering the output of the discovery and assessment, then prioritisation application list based on business value, current business constraints and define the application grouping which can be implemented as migration waves with a clearly define timelines. The total cost of ownership (TCO) summary for the migration to cloud would be a produced to validate the benefits of migrating to cloud.

► Execution

• Migration

Move the digital assets — data, workloads, IT resources, or applications — to cloud infrastructure. Cloud migration stage involves making use of migration tools with automation process to migrate from old, legacy infrastructure or an on-premises datacentre or moving from other clouds to the target cloud. Organisations may choose to complement delivery teams with **AI-enabled engineering accelerators**, which EY has adopted internally and offers to clients as an option.

• Integration

Cloud integration would be done with a system of tools and technologies that connects various applications, systems, repositories, and IT environments for the real-time exchange of data and processes to on-prem systems or other clouds to enable seamless business operations. Once connected, the data and integrated cloud services can then be accessed by multiple devices over a network or via the internet.

• Validation

Once the business has given the go ahead to move the products or services to the cloud, testing is a crucial step in the cloud migration journey. It avoids cloud scalability issues, server breakdown issues such as application/website crash, database errors and more, which can be extremely risky in terms of brand's reputation, time, and resources. Cloud migration requires key focus on certain areas of Application (product/service) Testing, such as: Functional Validation, Integration Testing, Security Testing, Scalability and Performance Testing, which would be performed in this stage.

► Cutover & Support

Once the cloud migration factory team have completed all the testing and are ready to fully transition the workloads to the target cloud, we should perform the Cutover. This is the final step of the migration. The application owner decides whether the target application on the cloud meets their expectations from both functionality and performance perspectives and then gives a go ahead to complete the migration. For a no-go decision, if a rollback is required, it usually involves terminating the cloud instances for all the affected applications, turning on the on-premises servers for the given application and Reverting DNS records to the old server IP addresses.

The post migration support and hyper care period starts when all the above phases are over and signed off by product/service owners. During this period, the migration team manages and monitors the migrated applications in the cloud in order to address any issues.

Our Global Cloud Community and Global Delivery Services (GDS) are tremendous assets for EY, assisting our public sector clients with capabilities ranging from Accelerating Business Strategy to Modernisation & Migration services, Risk Cyber & Compliance, Cloud Native Engineering, Cloud Data & Analytics, and Innovation at speed.

The below diagram summarises EY core Cloud Capabilities and Capacity as of April 2025.



Figure 1 - EY Global Cloud Capabilities and Capacity

Many of our consultants are already BPSS, and/or SC cleared to work on sensitive government migration and transformation programmes.

At the heart of EY's approach to Cloud Migration is the use of our Cloud Transformation Toolkit, a framework, supported by tools and taking a 'whole of business' perspective when considering how digital solutions and technologies may be used to enable and support future business operations.

Below is a selection of accelerators that help clients deliver on their Cloud and Application Migration and Modernisation programme imperatives.

EY CMF (Cloud Migration Factory) – A secured multi-cloud migration platform running on Web based modular platforms with enhanced user experiences and equipped with a custom rule's engine for application portfolio assessment. At its heart, EY CMF is 3-Tier, API enabled, extensible, CSP agnostic, secure platform, engineered as an open-source stack that is quick to deploy as containers or VM's in a client's data centre or public cloud.

EY-CMF accelerates entire cloud migration life cycle from discovery, assessment, planning, migration, and post migration. The CMF and CIL in particular now incorporate AI-enabled features to automate analysis, conversion and reporting activities.

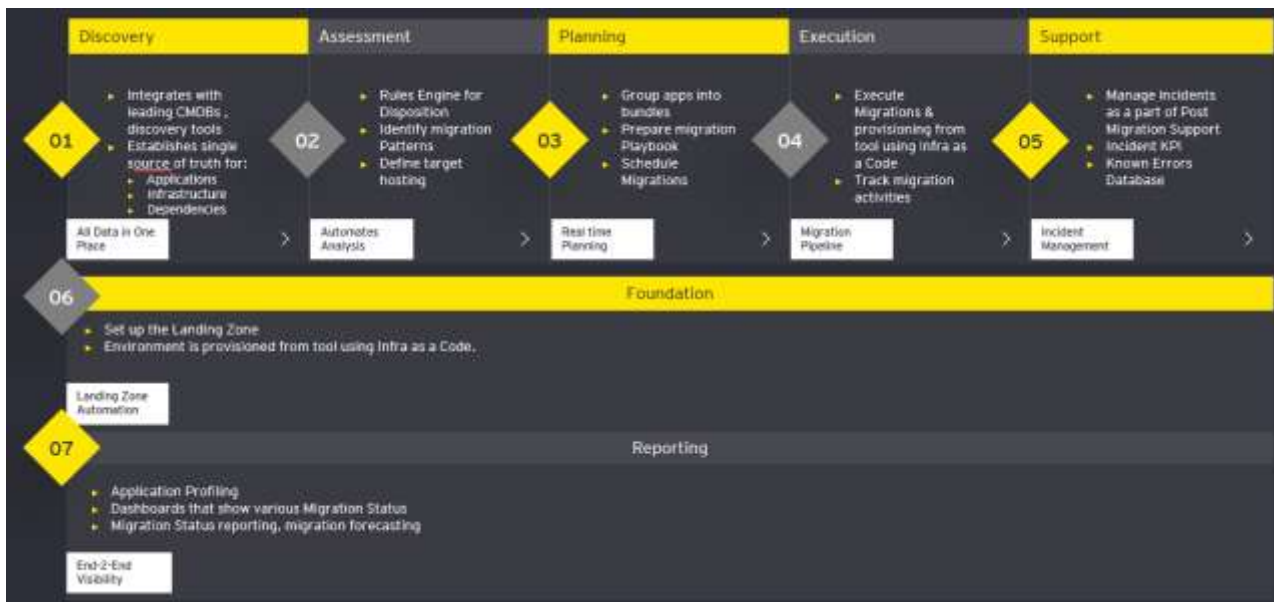


Figure 2 - EY CMF lifecycle

EY CIL (Cloud Infrastructure Library) – a centralised repository for all automated scripts based on industry standards, aiming to typically automate 60–70% of various stages of a customer's cloud adoption journey and cloud life cycle management.

Cloud Data Platform Build – EY's Intelligent Cloud Data Platform Unified data platform that can support Advance Analytics with ML and AI Capability and Migrate data into the platform from various sources.

1.3. Pricing

This service is priced in accordance with the SFIA rate card provided and can be modelled using a range of commercial approaches e.g., time & materials, fixed price, etc 'Ordering and Invoicing' and 'Termination' are to be undertaken in accordance with G-Cloud 14 contract terms unless varied by mutual agreement and detailed within a call-off contract.

2. Key contacts

For further information please get in touch via the email address below.



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