CLOUD MIGRATION SERVICES

Achieve a smooth transition to the cloud

Although cloud migration has potential for all organisations, not all clouds are the same. Businesses today have more than one cloud model from which to choose; public cloud, private cloud, hybrid cloud, or multi-cloud. Beyond this initial choice of cloud model, there are three major cloud service categories to consider for cloud deployments; Software as a Service (SaaS), Platform as a Service (Paas) or Infrastructure as a service (IaaS).

In addition, there are various business and technology challenges you will need to manage, including the complexity you'll face when migrating, appropriately estimating the effort to get it done, and obtaining buy-in from stakeholders across the business if migrating at scale. Not every application can move easily. Which do you keep, and which do you rebuild? What are your options for rebuilding and modernising applications, so they perform optimally in cloud? Once you have moved your applications to the cloud, what's the best way to manage these?

Our Services

For organisations that don't have in-house cloud expertise or sufficient resource capacity partnering with a cloud specialist is invaluable. Kabeelah will work closely with you and any key stakeholders to define the correct strategy and approach, and help you implement, manage, and optimise your cloud environment. This covers not just the technical aspects of cloud but also the impact of business process change.

Cloud migration includes well-defined steps organisations need to undertake to transition their IT infrastructure and applications to cloud-based solutions. The success of cloud migration depends on the effective planning of each phase.
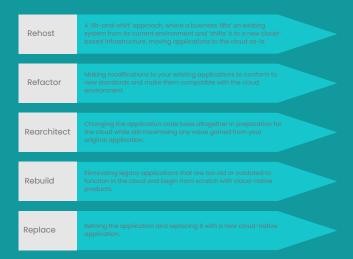
Discover
Kabeelah start by understanding your exact business requirements and conduct a thorough assessment of your current infrastructure, applications, workflows, and business processes. This phase is a crucial aspect of the cloud migration journey, and the results of a Cloud Readiness Assessment can be used to define the correct migration strategy and plan for you. This may involve a combination of public cloud, private cloud, or hybrid cloud deployments, depending on your specific needs.

Design and Build
Once the strategy and approach are defined, whether that be full, hybrid or bite-size, we can then focus on the design of cloud-native solutions and begin planning and architecting the new landscape. This will include details of how certain applications will be migrated. We'll consider aspects like whether they should simply be rehosted or whether they need to be refactored, rearchitected, rebuilt or replaced.

There are five fundamental strategies for migrating an enterprise workload from a local data centre to a cloud provider's infrastructure.

Depending on the analysis of your existing applications, Kabeelah can help you choose one of these strategies, or a combination of several that align with your specific objectives, and develop a detailed design of the cloud infrastructure, and a comprehensive roadmap for migration.

Cloud Migration Approaches

Approach	Description
Rehost	A 'lift-and-shift' approach, where a business 'lifts' an existing system from its current environment and 'shifts' it to a new cloud-based infrastructure, moving applications to the cloud as-is.
Refactor	Making modifications to your existing applications to conform to new standards and make them compatible with the cloud environment.
Rearchitect	Changing the application code base altogether in preparation for the cloud while still maximising any value gained from your original application.
Rebuild	Eliminating legacy applications that are too old or outdated to function in the cloud and begin from scratch with cloud-native products.
Replace	Retiring the application and replacing it with a new cloud-native application.

Kabeelah
People, Technology and Beyond

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Test and Deploy
Our team of cloud experts will work with you through this critical stage to ensure a smooth transition from your existing infrastructure to your new cloud environment while minimising downtime and disruption to operations.

We identify the first workload to migrate, which is usually a simple, non-critical system. Once testing is successfully completed the remainder of the systems and workloads can start to be migrated, stabilised, analysed, and resources correctly sized for the business requirements.

Automated management and migration tools are critical to executing a smooth migration. They help not only to speed the move, but also build a high quality, consistent, and repeatable migration process.

Support, Manage and Optimise
Post implementation, we will work with you to optimise the cloud environment, ensuring optimal performance and cost-effectiveness. This includes continuous monitoring, performance tuning, and cost optimisation.

Business Benefits

Cloud migration offers multiple benefits to businesses, including:

- Reduced costs
- Right-sized resources
- Improved security
- Increased collaboration and productivity
- Business continuity and disaster recovery
- Improved performance and scalability
- Increased business agility and faster speed to market
- Sustainability

Why Kabeelah?

Access to independent highly skilled and certified consultants
With years of industry experience, our team of certified professionals provide independent impartial advice, and bring a huge breadth and depth of business knowledge combined with advanced digital applications and technology expertise.

Customised solutions
Your digital transformation journey will be as unique as your business. That's why we tailor strategy and advice to suit your goals and your circumstances, and offer bespoke solutions designed to align with your specific business objectives.

Comprehensive support
Our dedicated team provides ongoing support to ensure the service process is smooth and successful, from initial consultation through to implementation and beyond.