KPMG

QuickStart | Cloud applications assessment

Even though a significant number of organisations have started their cloud transformation program in the past few years, KPMG often observes that organisations lack the ability to structure its approach and to quickly take advantage of the benefits of the cloud. KPMG can help you to finally take off by asessing your applications landscape.

The adoption of cloud services keeps growing across all industries. Cloud technology is no longer regarded as emerging; instead, its maturity has been continuously growing and nowadays there is no organisation that has had no contact with some sort of cloud service, from IaaS to PaaS to SaaS. Amongst the aspects to lead companies to adopt cloud services are:
– Lowering costs
– Increasing security
– Unlocking innovative functionalities
– Responding to the ever faster changing questions from the business, agility, time to market

Why is it so challenging to start?

Even thoug the potential advantages may be clear at a first glance, what happens often is that organisations have difficulty making the step from proofs of concept (PoCs) to a structured and company-wide deployment of cloud services. We notice that this is normally due to:
– The lack of insight into the possibilities of cloud
– Limited commitment from (IT) management
– The lack of clear objectives for the deployment of cloud services
– The lack of a good governance and sourcing strategy for cloud services

The KPMG Cloud Application Assessment provides organisations with insight into the cloud potential of its IT landscape in simple and clear steps. In addition, the assessment provides a well-founded overview of the migration choices to cloud services.

In order to focus on where the highest value of your business is, in this document we describe how we can apply the 80/20 rule to our general KPMG Cloud Application Assessment approach by identifying your 10 most valuable applications/cluster to be migrated to the cloud.

UNDERSTAND YOUR APPLICATIONS LANDSCAPE

The first stage towards a clear understanding of how to move to the cloud is really dive into your actual landscape in order to realise where the value and the complexity are.
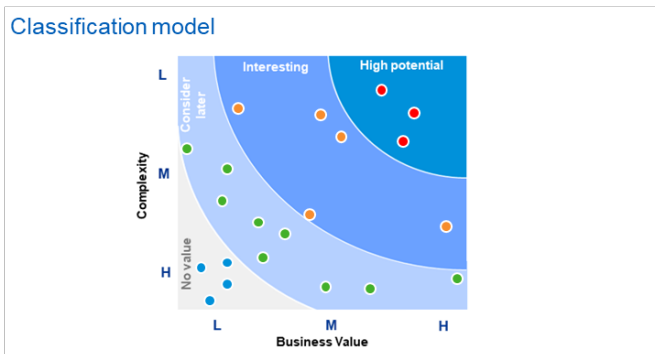
Phase 1 - Analyse and classify applications

– Desk research and documentation analysis of the current IT landscape
– (Online) Self-assessments done by business owners and/or IT architects
– Evaluation of the value and complexity of migration per application in interviews and/or workshops

The output of this phase is a list with the **top-10 applications** within your landscape based on potential, which is measured considering migration complexity and business value that a migration would bring.

Phase 2 - Identify migration strategy for the selected applications

—Determine migration choices per application/cluster of applications for the top-10 applications with most potential to be migrated to the cloud. This is based on the '6R' model (Retain, Rehost, Repurchase, Replatform, Retire, Refactor) through a workshop and/or interviews.

The output of this phase is a migration strategy per application/cluster of applications based on the '6R'-model for each one of the applications considered as most valuable in the previous phase.

Classification model

Note: Map of cloud potential per application/cluster of applications.

Create additional insight into the application landscape

Application attributes	Complexity	Value	*Example*
— Underlying IT infrastructure — Owners and suppliers — Organizational component / process supported by the application — …	— Availability cloud solution at vendor — Technical capability — Data compliancy — Off-the-shelf vs. tailored — Required / planned investments (planned upgrades, projects) — Cloud security — Available knowledge of application within your organization — …	— Costs (including licenses, maintenance, changes, depreciation) — Agility for your organization — Maintenance status (application, infrastructure, IT resources) — Improve security: reliability / integrity / availability — ….	

BUILD YOUR BUSINESS CASE AND ROADMAP

Once you have a clear overview of your applications landscape, it is time to think about a plan to implement it.

Phase 3 – Develop business case

—Develop and fine tune high level business case per application/cluster of applications for the top-10 applications with most potential to be migrated to the cloud

The output of this phase is a high-level business case per application/cluster of applications

Phase 4 – Define migration roadmap

—Prioritization of the applications to be migrated to the cloud
—Finalise recommendations and report

The output of this phase is a high-level roadmap for the cloud migration and a final integrated report.

EXPECTED EFFORT

The whole apporach is typically completed within7-10 weeks. The duration depends on several factors, including the size of the application landscpae, the underlying dependencies, the amount of domain owners (which have an impact on organizing

Some or all of the services described herein may not be permissible for KPMG audit clients and their affiliates or related entities.

interviews and workshops). Several factors, including availability and detail of information, are critical to the success of these engagements.

WORKING TOGETHER WITH KPMG

KPMG values close collaboration and short feedback cycles, so that there are no surprises along the way and all stakeholders are involved and aware of the steps taken. We breathe Digital and are able and ready to work face-to-face as well as through digitial tools that enable working across several locations.

Our promise is to get your organisation ready to start its cloud migration the next day

Cloud transformation roadmap is ready to be launched

—Your management team is able to budget and trigger the required mechanisms to kick-off the migration startegy

Technical assessment pinpoints challenges and recommendations solutions

—Your cloud architects have the technical information about the current landscape and its underlying infrastructure (when applicable), know their dependencies and where they should focus on.

TIMELINES

The objective of our QuickStart is to have you up and runnning in the shortest timeframe possible and to deliver concrete results.

Phase 1 - Analyse and classify applications	: 4 weeks
Phase 2 - Identify migration strategy for the selected applications	: 2 weeks
Phase 3 – Develop business case	: 2 weeks
Phase 4 – Define migration roadmap	: 2 weeks

LET'S TALK

Would you like KPMG to support you in developing your organization's cloud competence Center ?
Please contact one of our specialists for an introduction.

Contact us

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