



LIFE IS FOR SHARING.

# APPLICATION CLOUDIFICATION FRAMEWORK

A TOOL FOR APPLICATION  
SOURCE CODE  
ASSESSMENT



Digital & Cloud Services



## KEY IN MOVING APPLICATIONS TO THE CLOUD:

# OVERVIEW OF THE SERVICE

Cloud is the answer for most organizations today to be able to adapt to a dynamic digital world. Most enterprises, transitioning to the cloud analyse their portfolios, and select the applications to be migrated, based on whether to retire, re-factor, re-host, retain, repurchase, or re-platform the same. Using our PaaSify tool, enterprises can easily make informed decisions about how to refine this so-called '6R' approach. For applications requiring little or no modification, a variety of migration tools could be used to automate the underlying process. For applications identified as refactoring or re-architecting candidates, companies can reduce their 'technical debt' by moving these assets away from legacy or commercial software or embracing a cloud native approach to migrate the same. In addition, existing applications that have been migrated using a lift-and-shift approach can be modified to be cloud native, to maximize business benefits – including lower operating expenditure.

However, enterprises find some difficulties to identify the requisite changes as per best practices, such as the 12-factor cloud native principles, for each application across their IT portfolio.

1

Lack of knowledge of source dependencies

2

Limited scalability

3

Loosely coupled service design

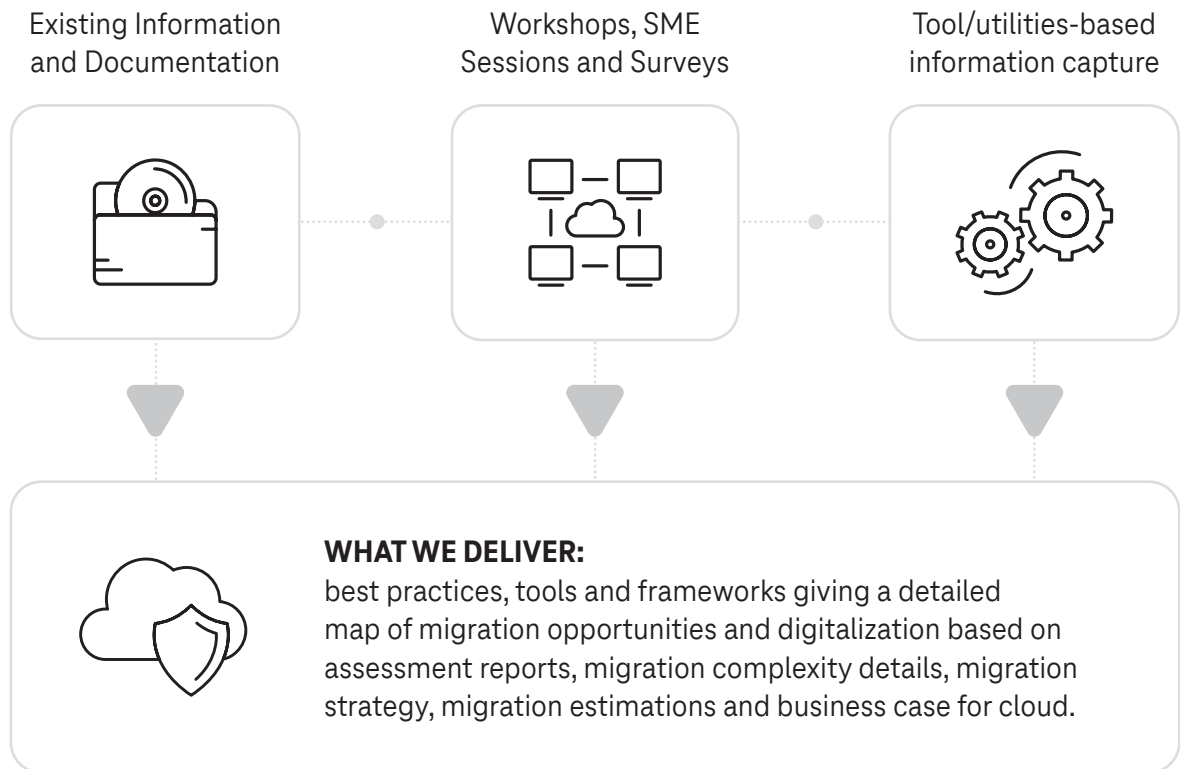
4

Application security

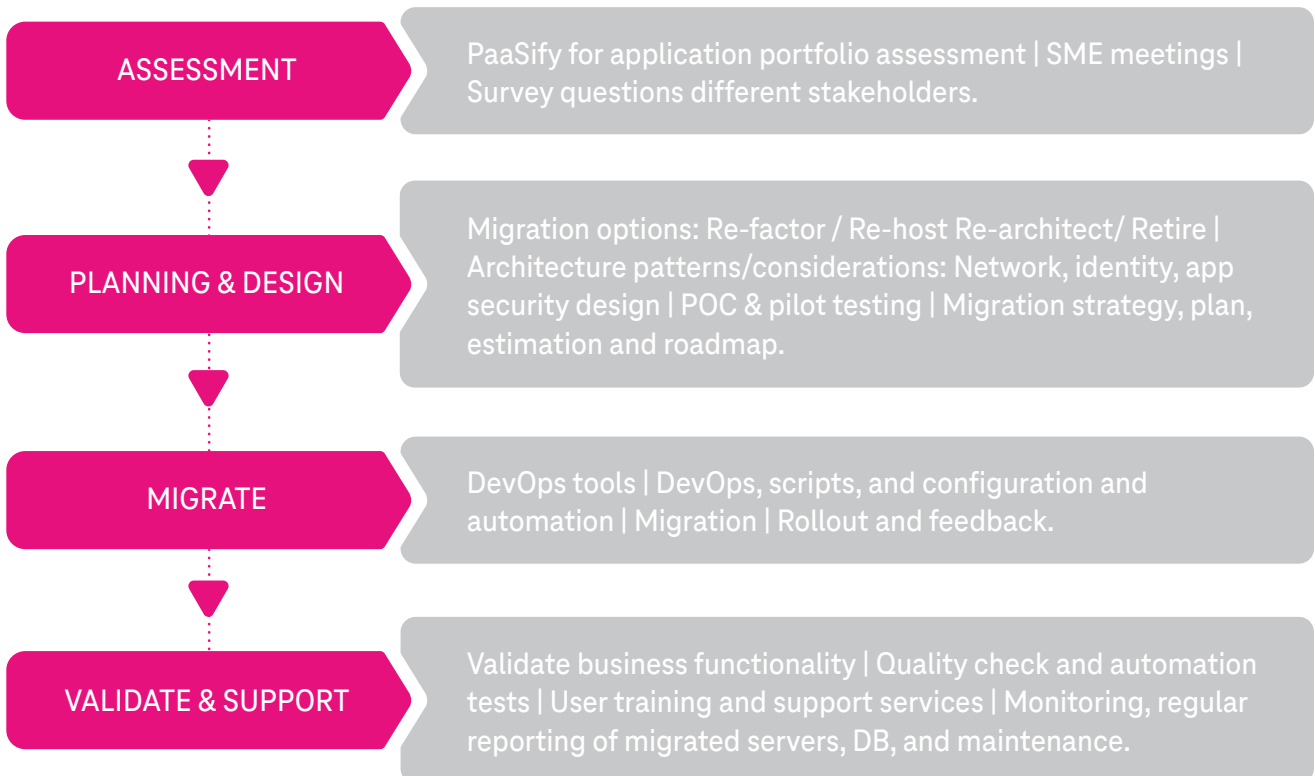
5

Lack of overview of the application portfolio

# PAASIFY AT A GLANCE



# CLOUD MIGRATION



# HOW DIGITAL & CLOUD SERVICES HELP YOU



A proprietary toolkit cloud adoption assessment.



A cloud-agnostic solution that effectively guides migration of applications to the cloud.



Focuses on lowering business risk.



**A self-driven application portfolio analysis tool augmented with assessments and recommendation to lay roadmap for cloud transformation journey.**



# HOW THE APPLICATION CLOUDIFICATION FRAMEWORK WORKS



## INVENTORY

Access to files/systems within the application(s).



## SCAN

Crawl through the contents of relevant files | XML file crawler | Text file crawler.



## ANALYZE

Validate content against 70+ criteria which covers aspects like application security, error reporting, load balancing etc.



## REPORT

Create reports to summarize analysis results, like effort sizing, business impact, migration complexity | Provide cloud readiness score highlighting the impact of business factors.



## INTERPRET AND RECOMMEND

Findings from detailed reports and dashboards | Derive migration readiness index based on findings | Recommend best-fit cloud platform and related migration path | Provide a transformation roadmap with estimation and timelines.

# BUSINESS BENEFIT

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- 1 Automated migration assessment for cloud enablement, saving 70% of analysis time.  
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- 2 Enhanced productivity for analysis of voluminous applications.  
.....
- 3 Migration time and effort reduced by almost 60%, effectively increasing the speed of cloud native migration.  
.....
- 4 Enables cloud strategy adoption and decision making in large digital transformation initiatives through focused business cases.  
.....
- 5 Seamless operations with minimal dependency on SMEs.  
.....
- 6 Application categorization for re-factoring and re-architecting in cloud PaaS and architecture remediation.  
.....
- 7 Generate realistic estimates of time and resources to modernize applications for running in the cloud, including flexible ways of planning project-based refactoring work.  
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- 8 Provide guidance for each code recommendation down to the block level and share quick references for refactoring the same.

# WHY DIGITAL & CLOUD SERVICES?

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## BE A CLOUD FIRST ORGANIZATION

Our comprehensive cloud strategy enables our clients to unleash the true potential of cloud in line with their business goals.

## ASSURED DOLLAR SAVINGS

Partner of choice for clients' digital transformation journey, enabling savings worth millions of dollars through cloud adoption.

## BEST-IN-CLASS CLOUD EXPERTS

Right blend of cloud expertise and capabilities in architecting solutions on cloud native platforms, coupled with a strong domain proficiency, provides best-in-class, industry-specific solutions blueprints.

## ACCELERATED CLOUD ADOPTION JOURNEY

Our tools/accelerators like PaaSify provide scientific aid in accelerating the cloud migration assessment.

## BEST-IN-CLASS INNOVATIVE TOOLS AND PLATFORMS

Solution ecosystems and proprietary tools and platforms ensure 30% reduction in technical debt, 40% increase in productivity and 25% reduction in time to market.



**CONTACT**

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