

# 6 R CLOUD MIGRATION DECISION GUIDE

## YOUR APPLICATION

Is your application cloud ready? Follow our guiding path through 9 important aspects you should consider.



**APPLICATION LIFECYCLE**  
CONSIDER THE LIFECYCLE OF YOUR BUSINESS APPLICATION

In phase out	Decommission shortly	Mid-term decommission	Production state
Retire	Retain	Rehost	▼

**COMMON CAPABILITIES**  
STANDALONE OR OVERLAPPING APPLICATION CAPABILITIES

Strong overlap with existing business app	Covered by COTS/SaaS	Distinguishable capabilities
Retire	Repurchase	▼

**OPERATIONS CONFORMANCE**  
CONTINUATION OF CONFORMING TO ADOPTED STANDARDS

Security/industry standards or software licenses block cloud operation	Cloud operation conformant
Retain	▼

**BUSINESS VALUE**  
THE CURRENT AND FUTURE BUSINESS VALUE DRIVEN BY THE APPLICATION

Reconsidered as non-relevant	Unclear or basic value	Invest in business potential of application
Retire	Rehost	▼

**TECHNICAL DEPENDENCIES**  
TECHNICAL DEPENDENCIES AND POTENTIAL BLOCKERS

Strict hardware dependencies	Strict runtime dependencies	Avoiding problematic dependencies with OSS or cloud native	Unspecific
Retain	Rehost	Refactor	▼

**OPERATIONS RESOURCES**  
MEASURES FOR STEADY OPERATIONS

Resembling current state and activities	Avoiding maintenance	Reducing maintenance efforts, increasing consumption or scalability
Rehost	Repurchase	▼

**DATA RISK**  
THE RISK ASSOCIATED WITH APPLICATION DATA

Secret data stored or processed	Custom data protection requirements	Low or unspecific
Retain	Rehost	▼

**MIGRATION RESOURCES**  
PEOPLE AND RESOURCES THAT MAKE TRANSFORMATION HAPPEN

Limited skills and people	Limited time or skills	Sufficiently available
Retain	Rehost	▼

**GROWTH AND EXTENSIBILITY**  
SUPPORTING BUSINESS GROWTH AND DRIVING INNOVATION

Vertical scaling sufficient	Use of managed platform services beneficial	Architectural overall necessary	Not required
Rehost	Replatform	Refactor	▼

**READY FOR TAKE OFF?**  
HOW MANY CLOUDS DID YOU COLLECT?

Rehost    Repurchase    Refactor    Replatform

DO YOU NEED MORE GUIDANCE?  
We can help you! Txture Cloud Transformation offers optimal tool support along your entire journey to the cloud.

[GET MORE INFO ON TXTURE.IO](https://www.txture.io)

### 6 Rs of Cloud Migration

- Retire** = the application is phased out
- Retain** = decision for application migration is taken at a later stage
- Rehost** = "lift & shift", application is simply copied as-is to a cloud provider
- Replatform** = the application's core architecture is the same, some cloud platform adoptions are made
- Refactor / Rearchitect** = the application is refactored using an alternative application architecture
- Repurchase** = the legacy application is fully replaced by a SaaS-solution

### Disclaimer:

Please keep in mind that testing your migration strategy with this, you only focus on a few questions. While they are important and to be considered to prepare an application cloud migration, a typical assessment needs to be much more elaborate. When using Txture Cloud Transformation you have access to a much more sophisticated analysis, also including additional dimensions like cloud readiness, cloud benefit, migration risk and private and public cloud landing zone.

Additional Note on Rs: In reality you may have more migration strategies as well: reconciling applications with overlapping business capabilities, rebuilding applications as a dedicated from-scratch case of refactoring, etc.