Cloud Repatriation Decision Matrix

Workload Assessment Factors Scoring Guide

Rate each factor from 1-5 for your workload:
Weight factors based on importance to your organization (1-3):
Calculate weighted score:
Sum of (Factor Score × Weight) / Total Weights
Score > 3.5: Consider repatriation
Score < 2.5: Stay in cloud
Score 2.5-3.5: Consider hybrid approach

Factor	Stay in Cloud	Consider Repatriation
Predictability	• Highly variable workloads • Seasonal spikes	• Consistent, predictable usage patterns • Stable resource requirements
Cost Structure	• OpEx preferred • Limited upfront budget • Need for financial flexibility	• CapEx capability available • High recurring cloud costs • Predictable long-term costs desired
Performance Requirements	• Global distribution needed • Edge computing requirements • CDN reliance	• Low latency critical • High data throughput requirements • Specific hardware requirements
Data Characteristics	• Small data volumes • Infrequent access patterns • Low storage costs	• Large data volumes • Frequent data access • High cloud storage costs
Operational Capability	• Limited infrastructure expertise • Small IT team • Focus on development	• Strong infrastructure team • Existing data center experience • Hardware management capability
Compliance & Security	• Need for global compliance • Shared security model works • Standard security requirements	• Strict data sovereignty requirements • Complete control required • Industry-specific compliance needs
Growth Trajectory	• Unpredictable growth • New market exploration • Startup phase	• Steady, predictable growth • Established market presence • Mature business phase

Additional Considerations

Technical Assessment

- Current cloud service utilization
- Application architecture (monolithic vs microservices)
- Integration dependencies
- Migration complexity
- Disaster recovery requirements

Business Impact

- Time to market requirements
- Innovation velocity needs
- Core business focus
- Customer experience impact
- Competitive advantages

Risk Analysis

- Migration downtime tolerance
- Data transfer risks
- Skill gap assessment
- Vendor lock-in evaluation
- Future scalability needs