



**QUADRANT
RESOURCE**
ACHIEVE MORE TOGETHER

Capabilities



OSS Data Migration



Assessment -
Analyze Application,
Database,
Infrastructure and
Workloads to
develop Migration
Roadmap.

Hypercare –
Warranty, Training,
Monitoring and
Support



Application Migration & Integration

- **Rehost** - Lift and Shift application with minimal or no code changes
- **Replatform** - Utilize Azure Infrastructure capabilities to improve performance and reduce cost
- **Rearchitect**- Rebuild the code with cloud native approach to maximize cloud benefits and performance



Database Migration & Integration

- **Rehost** - On Prem to Cloud IaaS / PaaS Database migration
- **Replatform** - Licensed Databases to Open-Source Database (Postgres , My SQL ,Maria DB) migration
- **Rearchitect**- Database architecture changes like partitioning, Hyperscale, NoSQL, Microservice, ADL etc.



Other Workload Migration

- Application DAL changes
- ETL migration or Rehost
- Analytics and Reports Migration



Cloud Infrastructure & Engineering

- **Landing Zone** - Rapidly set up platform by deploying secure, resilient and governed Landing Zone
- **Infrastructure Migration** - Create environments quickly using templates.
- **Disaster Recovery** – Design, Develop and Test Disaster Recovery Plan.



Automation

- **Infrastructure as Code**: Create environments on demand.
- **CI/CD using DevOps** - Continuously build and deliver using CI/CD pipelines.
- **Test Automation** – Build test automation suite for Regression and SIT.
- **Load Testing**- Build load testing for critical workloads to measure performance against on-prem and to right size infrastructure.

Quadrant Migration Strategy



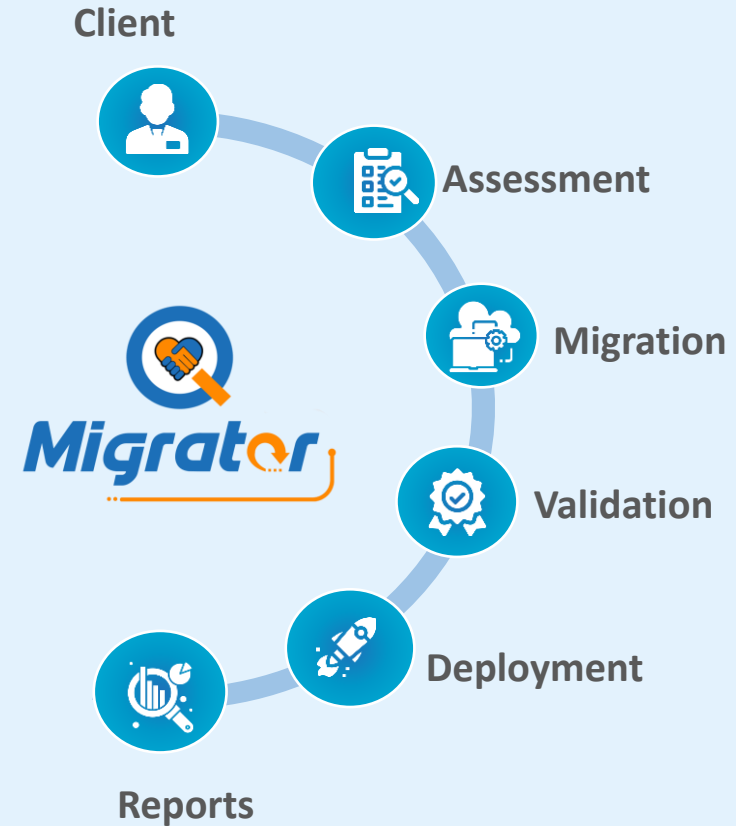
	Assessment	Pilot	Rehost	Refactor	Rearchitect
Goal	Analyze the application and data infrastructure, which can then be used to develop a roadmap for migration to the cloud.	Validate the foundation of the architecture and mitigate any potential risk.	Migrate/Rehost with minimal or no code changes in application.	Optimize Azure Infrastructure and Application to reduce cost and improve performance with minimal code changes.	Rearchitect/Rebuild using new code with cloud native approach
Objectives	<ul style="list-style-type: none"> Reference Architecture TCO & ROI Migration Plan Operation Readiness 	<ul style="list-style-type: none"> Technical Feasibility Performance Measurement Business User Impact 	<ul style="list-style-type: none"> Lift and Shift Cloud Hosting (IaaS) DBaaS High Availability Disaster Recovery Decommissioning 	<ul style="list-style-type: none"> PaaS Automatic Scaling of Infra Cloud Services Usage Cloud Native Networking Cost Optimization Policies and Compliance 	<ul style="list-style-type: none"> Customer Experience Transformation Microservice Architecture Hyperscale / DB Partitioning Analytics
Benefits	<ul style="list-style-type: none"> - Identify Challenges and Gaps - Determine roadmap - Define strategy to move to cloud - Overall Cost estimation 	<ul style="list-style-type: none"> - Build Confidence - Fine tune plan and execution for next phase. - Develop working model/relationship. 	<ul style="list-style-type: none"> - Accelerated path to Cloud. - Reduced Maintenance. - Performance Improvement. - No Oracle license costs . 	<ul style="list-style-type: none"> - Reduce legacy application footprints and refactor code for cloud elasticity. - Leverage real cloud capabilities 	<ul style="list-style-type: none"> - Maximize cloud benefits - Accelerated Delivery - Supports high performance scalable workloads designed to support fast pace of change












Migrate with Confidence

Q-Migrator is a web-based tool for migrating on-prem or cloud databases such as Oracle/SQL Server to Open-source databases like PostgreSQL / MySQL / MariaDB to Azure. It handles all the aspects of Database migration from client on-boarding to assessment, schema conversion, deployment, and testing. The entire migration process, including any manual code conversions, can be streamlined to expedite the migration.



Quadrant Migration Strategy



-  Storage Object Conversion
-  Code Object Conversion
-  Data Masking
-  Data Migration
-  Data Validation
-  Functional Testing
-  Performance Testing

Features



- Automated assessment reports
- Best in class code conversion tool
- Inbuilt data migration and data validation tool
- Handles large and complex data migrations
- Automated deployments for Manual conversions
- Functional and Performance testing is built into the tool.
- Secures code and data ,protects PII data.
- Data Access Layer changes to support new databases.

Benefits



- Up to 80% cost savings in database migration
- Automated Assessment helps in quick decision making
- Expedited migration due to automation
- Streamlined process for handling migration issues
- Tracks the progress of migration
- Migration Reports and Dashboards





Thank You!

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