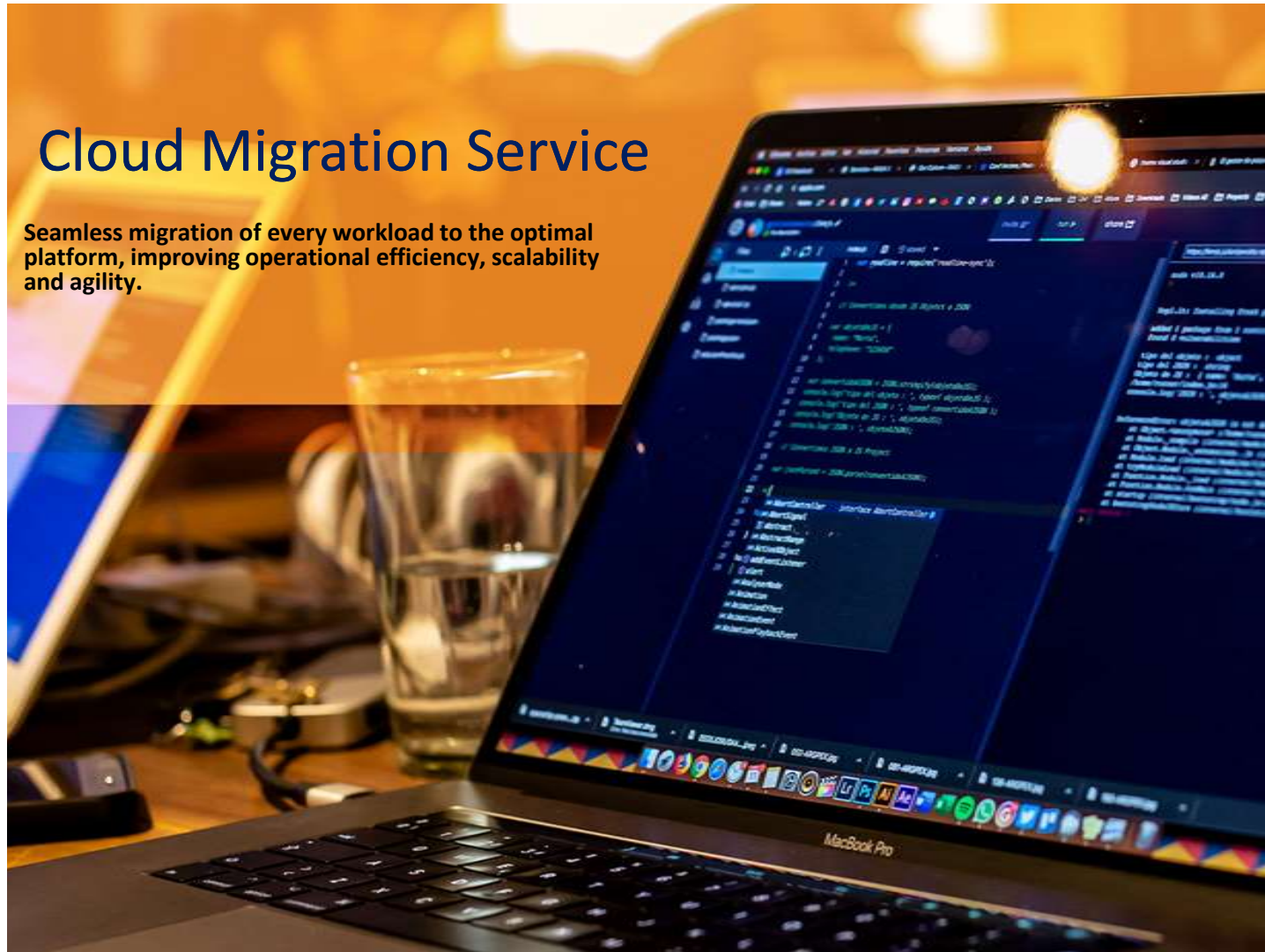


# Cloud Migration Service

Seamless migration of every workload to the optimal platform, improving operational efficiency, scalability and agility.





# Public Cloud Offerings

## Cloud Infra Services

- Infrastructure provisioning
- Infrastructure support & maintenances

## Data Modernization

- Database Migration to cloud
- DR build in cloud

## Application Modernization

- Application migration (In house to cloud)
- Migrating monolithic apps to containerize environment

## E2E Cloud Migration



# Cloud Infra Services

- Infrastructure provisioning
  - Network provisioning
  - VMs Provisioning
  - Operating system
  - Security configuration
  - storage provisioning
  - Database provisioning
  - Monitoring configuration
- Infrastructure support & maintenances



## How we deliver

- Pre-requisite:
  - Solution and N/W diagram aligned with the respective Cloud
- We will review the proposed IT Infrastructure / Network provisioning requirements in public cloud (AWS, GCP, Azure) for feasibility in the proposed public cloud environments.
- We will prepare a detailed provisioning steps plan for you. Then we'll provision the infrastructure/network accordingly.
- After provisioning, we can manage the infrastructure for you, or leave that up to you.



# Data Modernization

- Database Migration to cloud
  - Migration to VM (ec2)
  - Migration to RDS
  - Homogenous Migration
  - Heterogeneous Migration
- DR build in cloud
  - Database sync (in house to cloud)
  - Backup in cloud
  - Monitoring configuration
  - Database support & maintenance



## How we deliver

- Pre-requisite:
  - Solution and N/W diagram aligned with the respective Cloud
- We will review the proposed solution architecture and Network provisioning requirements in public cloud (AWS, GCP, Azure) for feasibility in the proposed public cloud environments.
- We will prepare a detailed provisioning steps plan for you. Then we'll provision the infrastructure/network accordingly.
- After provisioning, we can manage the workload and infrastructure for you, or leave that up to you.



# Application Modernization

- Application migration (In house to cloud)
  - Lift & Shift
  - High Availability
  - Scalability
- Migrating monolithic apps to containerize environment



## How we deliver

- Pre-requisite:
  - Solution and N/W diagram aligned with the respective Cloud
- We will review the proposed solution architecture and Network provisioning requirements in public cloud (AWS, GCP, Azure) for feasibility in the proposed public cloud environments.
- We will prepare a detailed provisioning steps plan for you. Then we'll provision the infrastructure/network accordingly.
- After provisioning, we can manage the workload and infrastructure for you, or leave that up to you.





# E2E Cloud Migration

- Standard list of activities during data migration phase are:
  - Holds a kickoff meeting.
  - Gathers customer requirements.
  - Analyzes source and target environments (AWS/GCP/Azure)
  - Creates a migration plan.
  - Creates a rollback plan.
  - Obtains customer approval for the migration plan.
  - Initiates data migration.
  - Monitors and reports status of data migration.
  - Starts data migration cutover(s).
  - Verifies data migration results.



## What we do

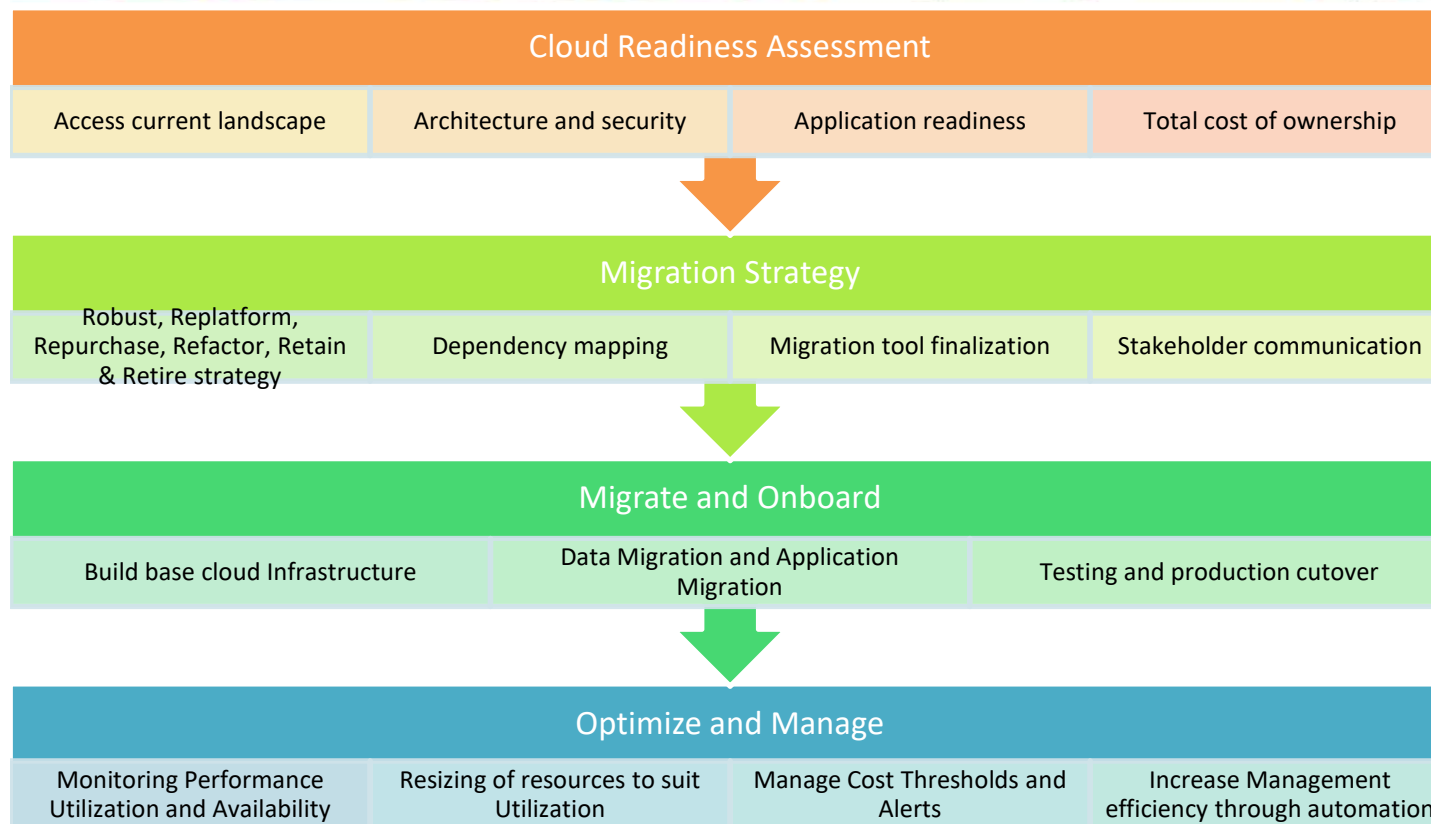
- Our end-to-end service for cloud migrations, begins with auditing your workloads for suitability for migration.
- We will then plan and manage the migration to the best-fit platform without any disruption to daily operations and business.



## How we deliver

- We support many migration types.
- We will audit your current IT landscape to discover workloads and infrastructure eligible for migration. We will prepare a detailed migration plan for you, minimizing service disruptions and risks during the move. Then we'll migrate the workloads accordingly.
- After the migration, we can manage the workloads and infrastructure for you, or leave that up to you.

# Cloud Migration Phases



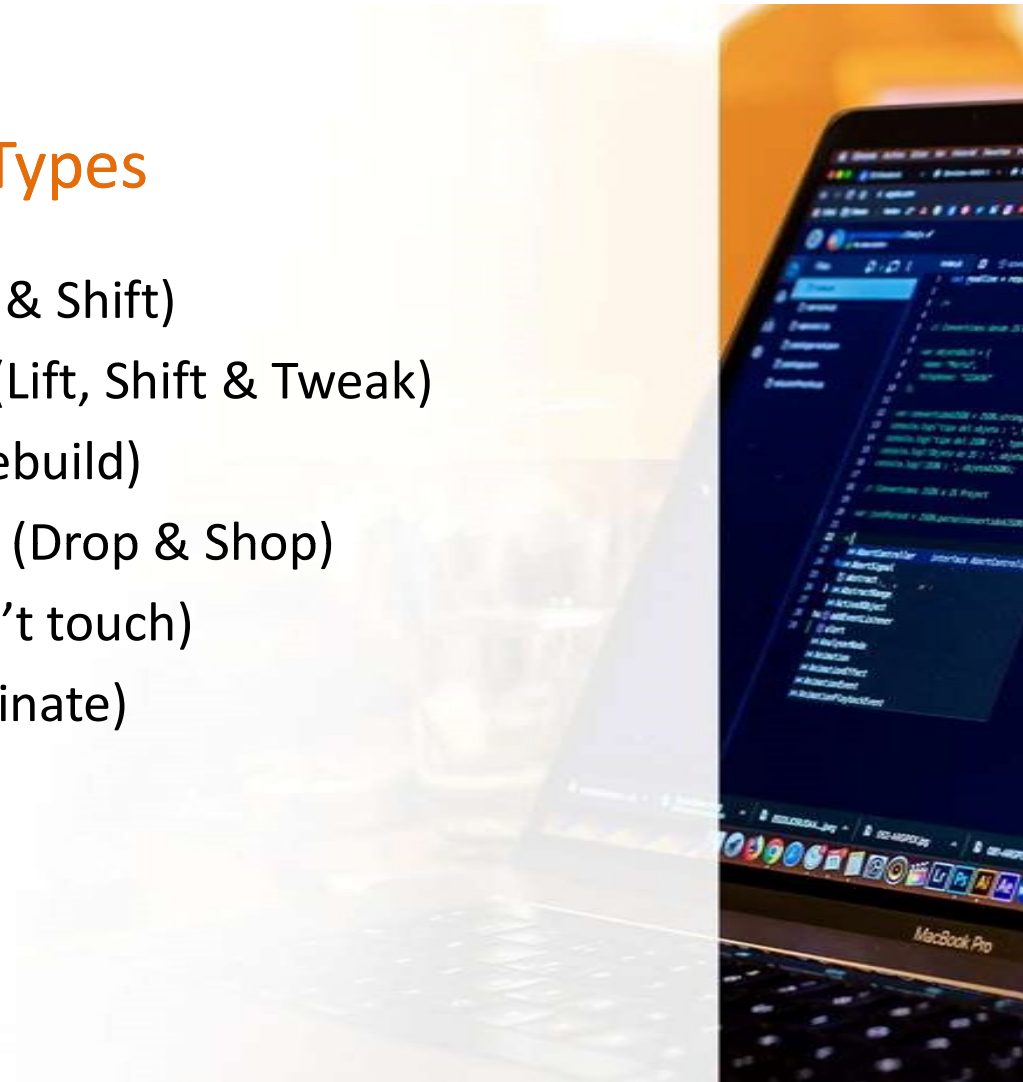


# Cloud Assessment

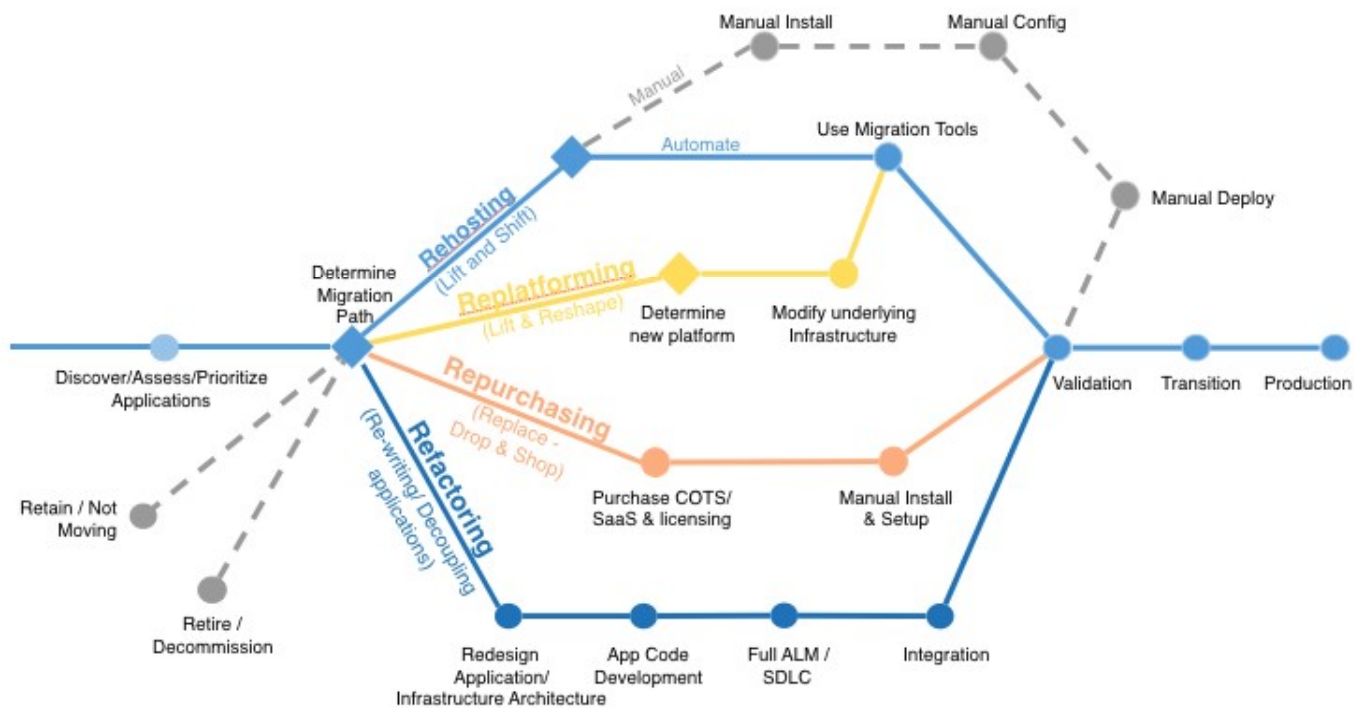
- Key benefits of assessment:
  - Define an end-to-end strategy that takes into consideration your business objectives as well as the impact of cloud migration on Business / IT operations.
  - Take the opportunity to discover and evaluate your enterprise application portfolio to see where inefficiencies exist, and where they can be remediated and optimized with available cloud services.
  - Re-design (if needed) your business applications to integrate effectively with the specific service models offered in the cloud.
  - Understand the model of shared responsibility as it relates to security policy and risk mitigation and develop policies and controls accordingly.
  - Optimized cloud strategy and roadmap to focus on core competencies and business goals.

## Migration Types

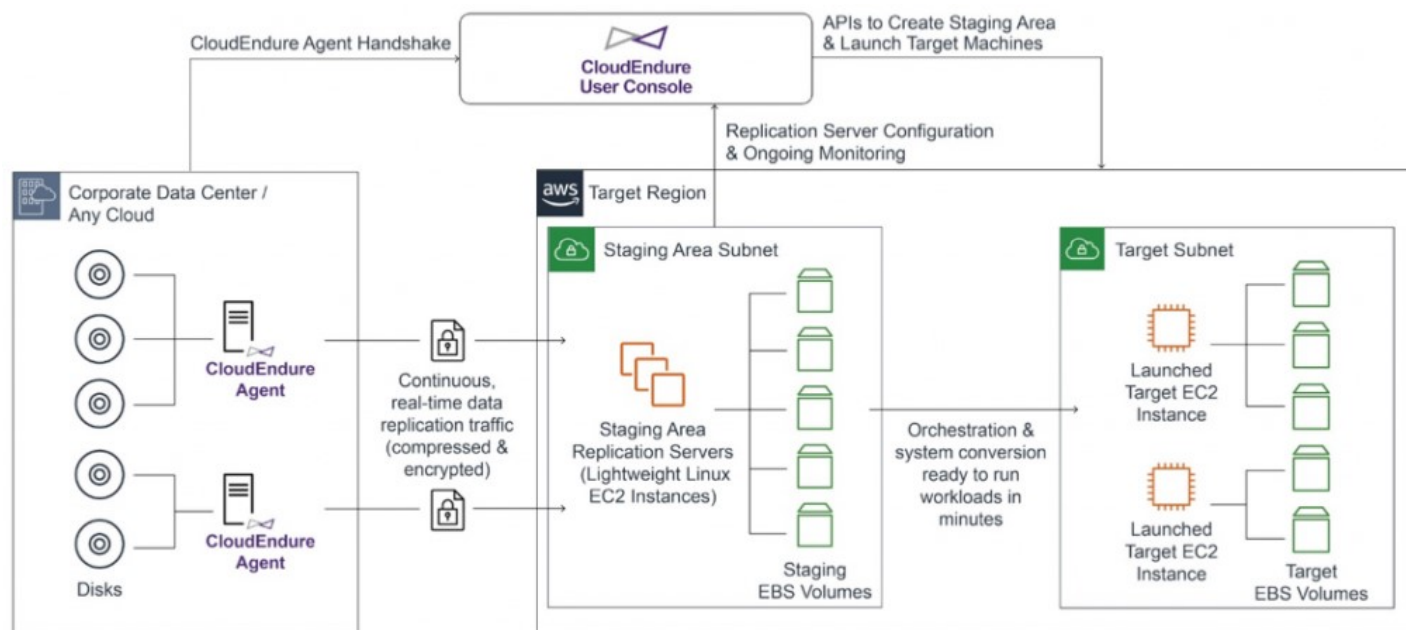
- Rehost (Lift & Shift)
- Replatform(Lift, Shift & Tweak)
- Refactor (Rebuild)
- Repurchase (Drop & Shop)
- Retain (Don't touch)
- Retire (Eliminate)



# Migration Strategy



# Workload Migration







## Optimize the workload

- Sample tasks during run and maintain phase are:
  - Downsize under-utilized instances based on the utilization monitoring report.
  - Turn off unused instances on scheduled time.
  - Delete or migrate unwanted files after a certain date and Compress Data Before Storage.
  - Use auto-scaling to reduce costs during off hours if the application supports for auto-scaling.



Q & A