Guided Migration Service

Overview:

To navigate the migration landscape, Cockroach Lab's Guided Migration Service offers a framework for planning, executing, and accelerating your move to CockroachDB.

Migrations encompass varying degrees of complexity involving databases, infrastructure, and applications. In collaboration with your team, our experienced and seasoned CockroachDB expert(s) will engage and provide phased-specific expertise to assist in your application and database modernization initiatives.

During this engagement, CockroachDB expert(s) will review your business objectives and provide guidance on your strategic approach and the execution of the migration with a focus on ensuring operational readiness, technical compatibility, and long-term success.
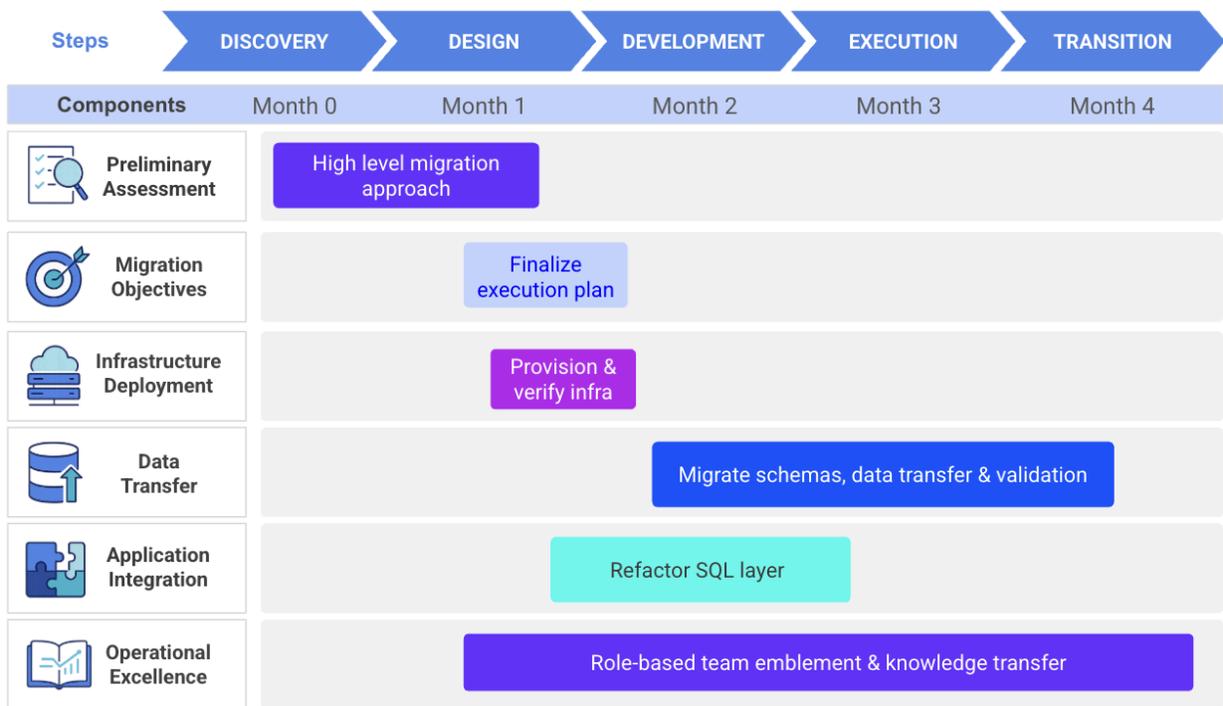
Methodology:

To ensure a successful migration, the Cockroach Labs methodology consists of six components:

Preliminary Assessment	Migration Objectives	Infrastructure Deployment	Data Transfer	Application Integration	Operational Excellence
Align on current state, future goals, and key business, and technical constraints.	Establish the requirements, objectives, and constraints specific to the planned migration to CockroachDB.	Design and validate a secure, scalable, and resilient CockroachDB environment.	Convert schemas and migrate data with validation and auditability.	Refactor application queries and stored objects, and enable access for client applications.	Empower teams through automation, training, and operational best practices.

Each component encompasses the steps below designed to reduce risk, define outcomes, maintain cross-team alignment, and validate readiness.

DISCOVER	DESIGN	DEVELOPMENT	EXECUTION	TRANSITION
Gather requirements, assess current state, define scope, align teams/systems.	Produce detailed designs for data, infra, application, integration, operations.	Build future state: refactor schema, integrate apps, set up tools, plan tests.	Perform data migration, cut over apps, validate functionality.	Deliver documentation, review operations, plan post-migration success.

Example High-Level Timeline

Steps	DISCOVERY	DESIGN	DEVELOPMENT	EXECUTION	TRANSITION
Components	Month 0	Month 1	Month 2	Month 3	Month 4
Preliminary Assessment	High level migration approach				
Migration Objectives		Finalize execution plan			
Infrastructure Deployment		Provision & verify infra			
Data Transfer			Migrate schemas, data transfer & validation		
Application Integration		Refactor SQL layer			
Operational Excellence		Role-based team emblement & knowledge transfer			

* Note: The timeline above is merely an example of a potential customer migration and may not necessarily reflect the timeframes for your particular engagement.

At the beginning of the engagement, we will conduct an assessment and deliver a bespoke high level plan on the areas of focus. The objective is to align on a plan that best fits your needs and meet you where you are at in your migration journey.

Benefits:

The Guided Migration Service package provides the migration expertise of one or more CockroachDB expert(s) who work closely with your team to effectively migrate your application to the CockroachDB environment. The benefits include:

- Collaborative approach
- Work directly with seasoned CockroachDB expert(s)
- Leverage our methodology and best practices
- Mitigate risk and increase confidence
- Operational readiness

Scope:

A CockroachDB expert will engage with your team to assess and plan your migration, work alongside your team on the execution, and provide a focus on operational excellence post migration. This engagement may include the following:

- Review migration objectives, align on migration strategy, and leverage best practices (e.g. schema transformation, consistency models)
- Perform analysis and design of infrastructure deployment (CockroachDB topology, network, security)
- Advise on implementation of CockroachDB schemas and access policies
- Assist in selecting and deploying migration tooling
- Establish test plans and scripts for application and data validation
- Guide application integration (SQL compatibility, access patterns)
- Enable your team for operational excellence (monitoring, backups, upgrades)

Duration:

A CockroachDB expert is available in a time-limited engagement of three, six or twelve months. This engagement may be extended as mutually agreed. The term of month(s) must be consecutive, and there is a maximum of 20 days of engagement per month.