



# AWS Migration Hub

Plan, collaborate and execute  
migrations to AWS

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# Agenda

- Migration Challenges
- What is AWS Migration Hub?
- Key features
- How it works?
- Customer and Partner Benefits
- Call to action

# What challenges are customers facing?



## Schedule overruns

Large-scale migrations can take 18+ months



## Finding the best Guidance

Migration projects usually involve following multiple patterns and guidance, which are not always handy



## Finding the best Experts

Many manual tasks (e.g. installation of agents, pre-migration configuration validation, environment readiness, etc.) require specific expertise



## Finding the best place to collaborate

Customers cannot use a single tool to collaborate with internal and external parties

# AWS Migration Hub

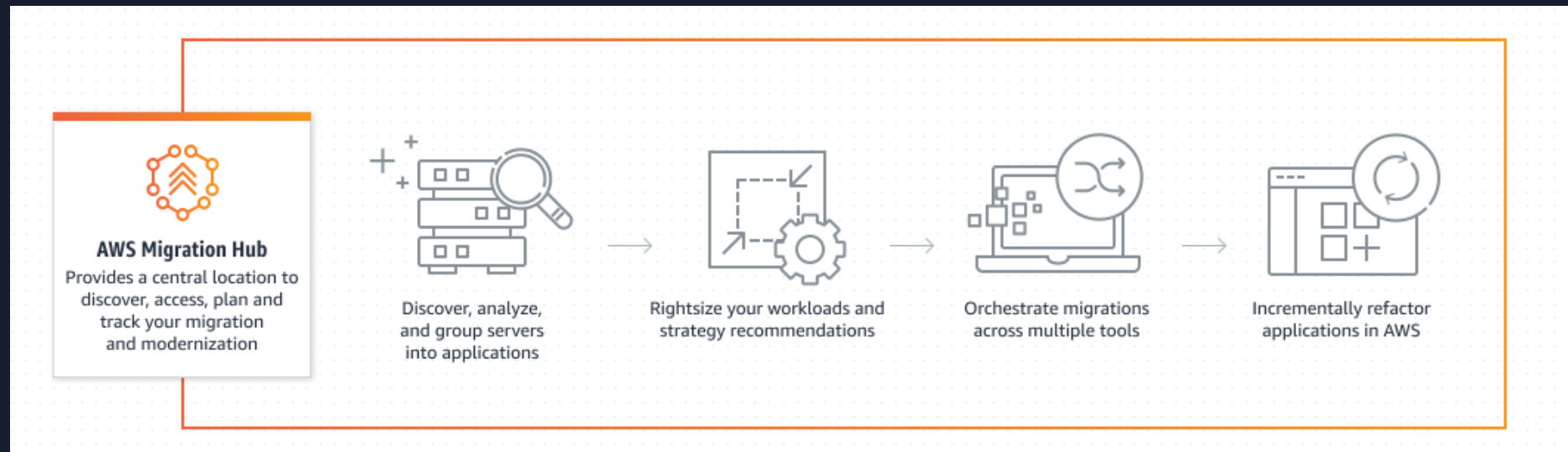


AWS Migration Hub helps you plan, track, and assess migrations to AWS. It provides a **central location** to collect and inventory your existing IT assets

- **Discover** your existing servers
- **Plan migrations** via journeys
- **Track status** of each application migration
- **Analyze** application components and infrastructure **dependencies**
- **Group resources** into applications

**AWS Migration Hub enables an efficient combination of tools, processes and experts to perform migrations to AWS.**

# How it works – AWS Migration Hub

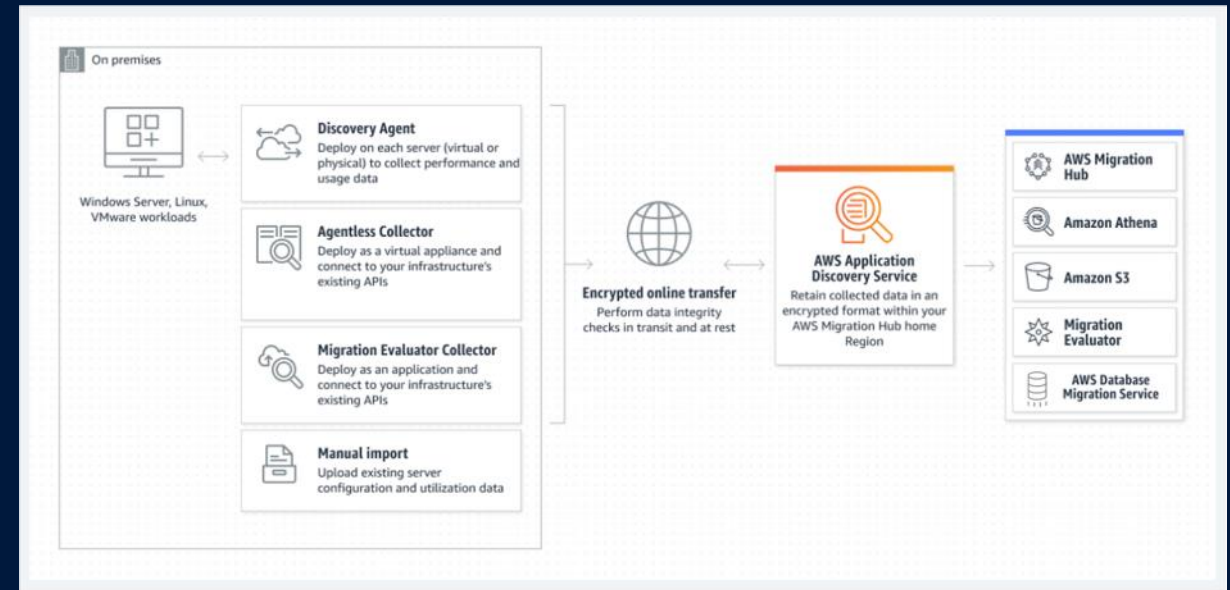


# AWS Application Discovery Service

Agent, agentless, or import discovery

System of record for existing workloads – configuration and usage

Input to other AWS services for: total cost of ownership (TCO) analysis, resource sizing recommendations, migration strategy recommendations, and wave planning

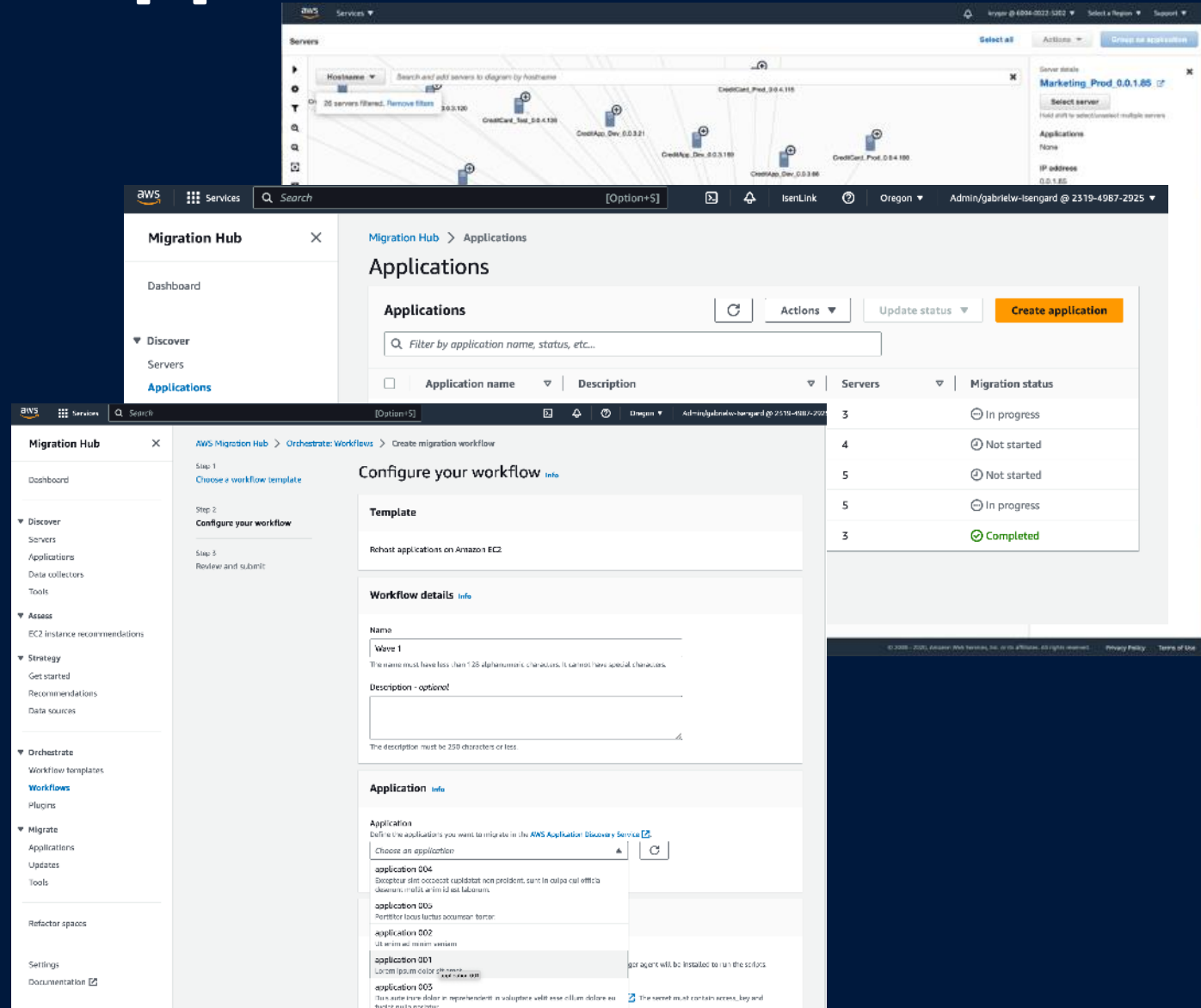


# AWS Migration Hub – Applications

Define applications via file import, dependency mapping, or manual grouping with Migration Hub Discovery

Automate rehosting of Applications to Amazon EC2 with Migration Hub Orchestrate

Track the migration status of each application



# AWS Migration Hub – Recommendations

Generates EC2 instance family and sizing recommendations

Generate migration strategy recommendations for rehosting, re-platforming, and refactoring

Supports recommendations for all commercial regions

The screenshot displays the AWS Migration Hub Recommendations console. The top navigation bar includes the AWS logo, Services menu, Search bar, and user information. The left sidebar shows the Migration Hub navigation menu with options like Dashboard, Discover, Servers, Applications, and Data collectors. The main content area is titled 'EC2 instance recommendations' and includes a 'How it works' section with three steps: Step 1. Import or discover your data, Step 2. Select preference, and Step 3. Export results. Below this, the 'Recommendations' section shows a summary of transformation recommendations based on preferences and data collected. It includes tabs for Summary, Application units, Servers, and Preferences. The 'Summary' tab is active, showing 'Strategy recommendations' with a last data analysis of 12 days ago. Below this, three cards display migration strategy recommendations: 'Rehost Servers' with 33 recommendations, 'Replatform Application units' with 22 recommendations, and 'Refactor Application units' with 11 recommendations. At the bottom, the 'Anti-patterns (264)' section shows a breakdown of anti-patterns based on severity: High severity (77), Medium severity (88), and Low severity (99). An 'Export S3 URI' is provided as <https://my-bucket.s3.us-west-2.amazonaws.com>.



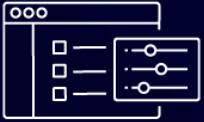
# AWS Migration Hub Journeys

Migrations are a stream of tasks performed over many months. In order for them to succeed, all participants need to see the same reflection of reality.

- ➔ **Streamline** migration planning, execution and tracking in one console
- Collaborate** with internal and external practitioners on the same platform
- Guide** customers via expert-approved pre-defined task templates to meet migration goals faster

The screenshot displays the AWS Migration Hub Journeys console, specifically the 'Tasks' tab. The interface includes a top navigation bar with tabs for Overview, Phases, Modules, Tasks (selected), Individuals and teams, and Attached files. Below the navigation bar, there's a 'Tasks' section with a sub-header 'Info' and a description: 'A task consists of either steps or subtasks. A subtask consists of steps.' Below this, there are filters: 'Filter by module name or by task name', 'All phases' (dropdown), 'All modules' (dropdown), 'Tasks' (dropdown), and 'All assignees' (dropdown). The main content area is divided into three columns: 'Planned (56)', 'In progress (9)', and 'Completed (5)'. Each column contains task cards with details like title, phase, module, and assignee. For example, in the 'Planned' column, tasks include 'Document Mobilize phase execution plan', 'Record appropriate artifacts and decisions', 'Engagement Initiation', and 'Resource Management'. In the 'In progress' column, tasks include 'Collect data using appropriate data collection tool', 'Upload existing collector tool data', and 'Generate quick insights report'. In the 'Completed' column, tasks include 'Get an overview of the AWS migration methodology', 'Document migration goals', and 'Perform first planning checkpoint'. Each task card also shows a due date and a status indicator (e.g., 'Overdue' in red).

# AWS Migration Hub Journeys - Key features



## Predefined expert approved migration templates

Provides predefined expert-approved templates based on proven migration experience. Templates can then be customized to fit your unique migration requirements.



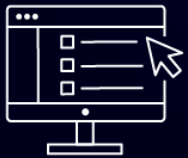
## Access all migration related tooling in one place

Migrations often require a combination of tools to automate different parts. Get access to tools and capabilities you need in one place.



## Collaborate in one place

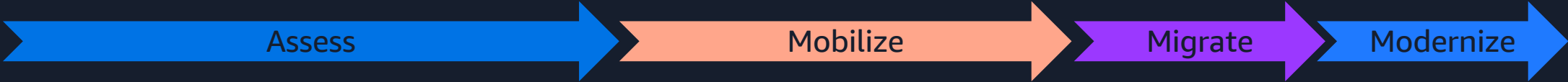
Add anyone (internal or external collaborators) required to collaborate with you on the migration journey.

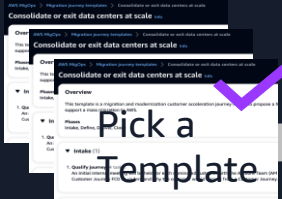


## Single pane of glass to track migrations


Provides a single location to run and track your migration progress from start to finish.

# How it Works – The Migration Journey







Pick a Template



Visibility of Progress



Alerts on Delays



Latest Guidance

### Migration Journey

Migration Hub Tools	<div>Application Discovery Service</div> <div>Migration Evaluator</div> <div>Database Migration Service Fleet Advisor</div>	<div>Migration Evaluator</div> <div>Migration Portfolio Assessment</div> <div>Cloud Economics</div> <div>Migration Readiness Assessment</div>	<div>Application Discovery Service</div> <div>Migration Portfolio Assessment</div> <div>Migration Hub Strategy Recommendations</div>	Migration Hub	Landing Zone Control Tower	<div>Migration Hub Orchestrator</div> <div>Application Migration Service (MGN)</div> <div>Database Migration Service / Schema Conversion Tool</div> <div>Cloud Migration Factory</div> <div>DataSync</div>	<div>Migration Hub Refactor Spaces</div> <div>Mainframe Modernization</div> <div>Microservice Extractor for .NET</div> <div>Blu Age</div> <div>App2Container</div>
Partner Tools	<div>Cloudamize</div> <div>FLEXera</div> <div>modelizeIT</div> <div>DEVIC=42</div> <div>CloudHealth<sup>®</sup> by vmware<sup>™</sup></div> <div>bmc</div>	<div>Cloudamize</div> <div>FLEXera</div> <div>CloudHealth<sup>®</sup> by vmware<sup>™</sup></div>	<div>Cloudamize</div> <div>FLEXera</div> <div>modelizeIT</div> <div>DEVIC=42</div>	<div>FLEXera</div> <div>modelizeIT</div> <div>DEVIC=42</div> <div>New Relic.</div> <div>dynatrace</div> <div>APPDYNAMICS</div>	<div>CONTINO</div> <div>BESPIN GLOBAL</div>	<div>Qlik</div> <div>virtusa</div> <div>/thoughtworks</div> <div>CAYLENT</div> <div>MICRO FOCUS</div> <div>vFunction</div> <div>wipro</div>	

# How It Works – Templates and Journeys

Templates represent typical migration journeys that can be shared and cloned into customer executable journeys



Collaborate via a journey



Easy access to migration tools



Up-to-date guidance

AWS MigOps > Migration journey templates > Consolidate or exit data centers at scale

## Consolidate or exit data centers at scale [Info](#)

### Overview

This template is a migration and modernization customer acceleration journey meant to propose a high-level architecture to support a mass migration to AWS.

#### Phases

Intake, Define, Deliver, Close

### ▼ Intake (1)

#### 1. Qualify journey (4 tasks)

An initial internal meeting will be held for each nominated customer with the Account Team (AM and SA) to present the Customer Journey FCD to understand why the customer would benefit from a Customer Journey.

### ▼ Define (2)

#### 1. First meeting with customer (3 tasks)

The CAT team will present the Customer Journey FCD to the customer and understand what issues they are facing, what their business objectives are, challenges and pain points.

#### 2. Second meeting with customer (3 tasks)

The CAT team will present the Customer Journey deliverables and timeline, commitment needed and get a Go/No-Go decision to start the journey

### ▼ Deliver (5)

### Create migration journey

Use this template to create a migration journey.

Create journey

### Other templates

#### General migration

The general migration template can be used for any kind of migration such as rehost, refactor, rearchitect, etc. You can use the modules and tasks in this template as a basis to extend it to different kinds of migrations.

#### AWS Audit Manager migration

Use this template to migrate to AWS Audit Manager, where you can map your compliance requirements to AWS usage data with prebuilt and custom frameworks and automated evidence collection.

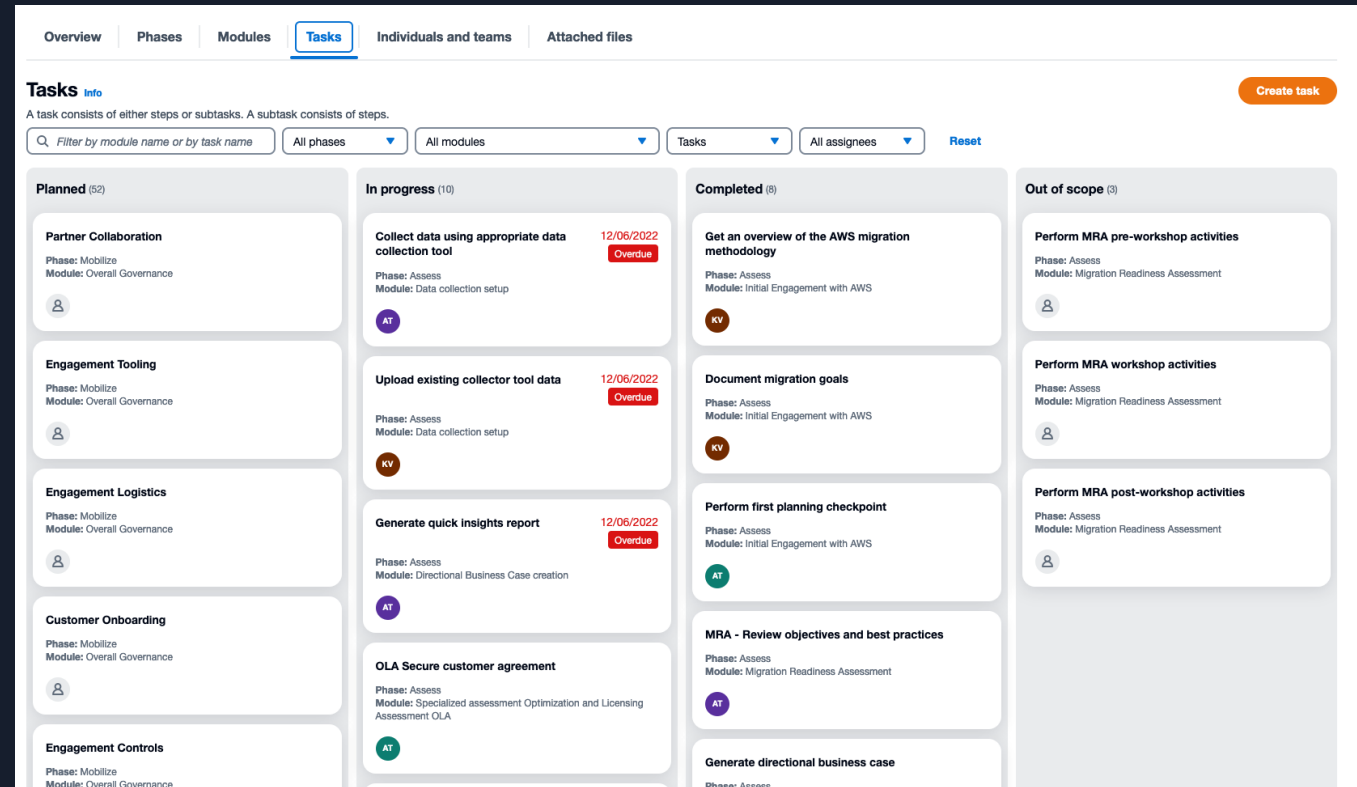
#### Accelerate cloud adoption and infrastructure modernization

This template is a migration and modernization customer acceleration journey meant to propose a highly-available platform architecture and make recommendations for re-platforming to managed services where applicable.

# How it Works – Tasks

Tasks represent a body of work that can be assigned to one owner and executed either manually using the provided guidance

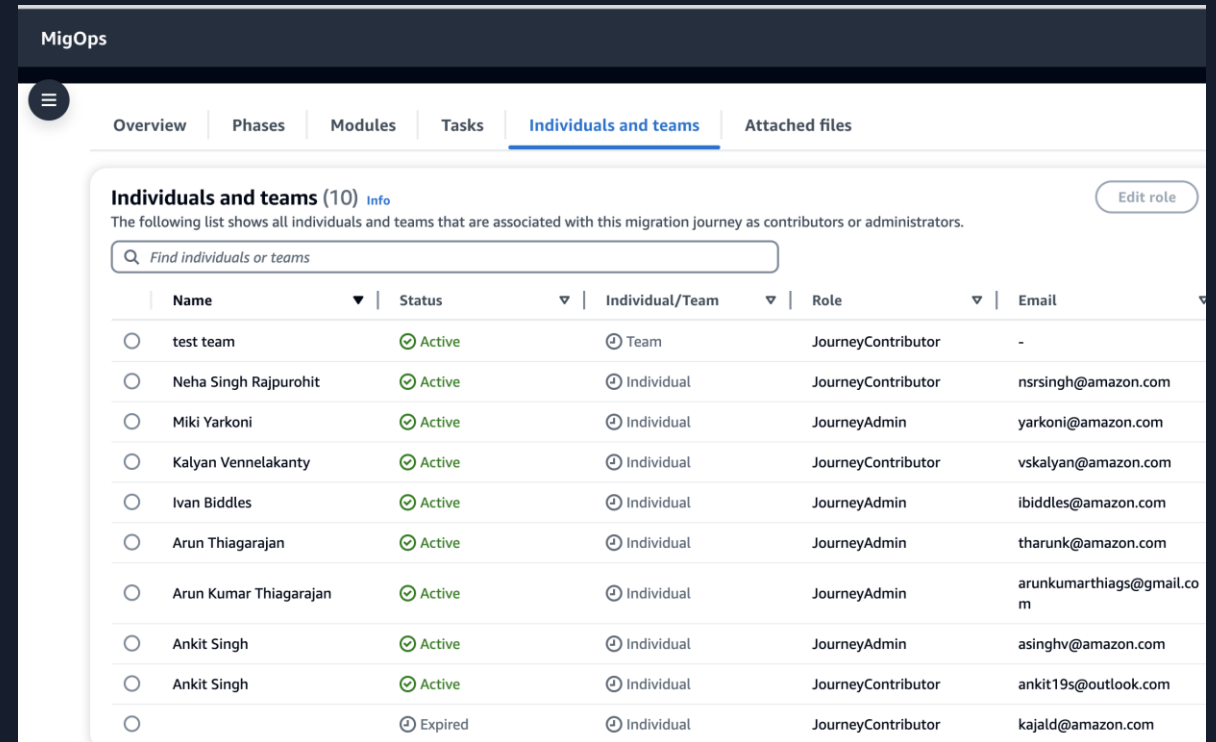
- Get a **clear picture of all tasks** to execute.
- **Assign tasks** to the right experts and get things done in an optimal manner.
- Know when tasks are overdue and jump in to help **keep migration on track**.
- Add comments, get status emails and attach decisions/risks to **never lose context ever again**.
- **Collaborate** on tasks with internal and external parties.



# Customer And Partner Benefits

Migration Hub is a single location for the customer, partners and AWS to collaborate from early inception to migration operations

- Customer **guidance** for a full migration journey is available via templates
- **Collaboration** with internal and external parties – even before contracts are signed
- **Retain full context** in MigOps and accessible to any participant at anytime
- **Repeatable success** via standardized migrations



The screenshot shows the 'MigOps' interface with the 'Individuals and teams' tab selected. The page displays a list of 10 individuals and teams associated with the migration journey. The table includes columns for Name, Status, Individual/Team, Role, and Email. Most participants are 'Active', while one is 'Expired'.

Name	Status	Individual/Team	Role	Email
test team	Active	Team	JourneyContributor	-
Neha Singh Rajpurohit	Active	Individual	JourneyContributor	nsrsingh@amazon.com
Miki Yarkoni	Active	Individual	JourneyAdmin	yarkoni@amazon.com
Kalyan Vennelakanty	Active	Individual	JourneyContributor	vskalyan@amazon.com
Ivan Biddles	Active	Individual	JourneyAdmin	ibiddles@amazon.com
Arun Thiagarajan	Active	Individual	JourneyAdmin	tharunk@amazon.com
Arun Kumar Thiagarajan	Active	Individual	JourneyAdmin	arunkumarthiags@gmail.com
Ankit Singh	Active	Individual	JourneyAdmin	asinghv@amazon.com
Ankit Singh	Active	Individual	JourneyContributor	ankit19s@outlook.com
	Expired	Individual	JourneyContributor	kajald@amazon.com

# Learn more about AWS Migration Hub



AWS Migration Hub product page

<https://aws.amazon.com/migration-hub/>



AWS Migration Hub docs

<https://docs.aws.amazon.com/migrationhub/>



Migration Hub Journeys Workshop

<https://catalog.us-east-1.prod.workshops.aws/workshops/34ef5432-da85-4063-8dfe-22272910c7b3/en-US>



Migration and Modernization  
Immersion Day 1

<https://catalog.us-east-1.prod.workshops.aws/workshops/f38d2201-12bd-4476-b09e-63fc2c9332cc/en-US>



Migration and Modernization  
Immersion Day 2

<https://catalog.us-east-1.prod.workshops.aws/workshops/47517703-c715-4324-a271-c979d65432d7/en-US>



Migration and Modernization  
Immersion Day 3

<https://catalog.us-east-1.prod.workshops.aws/workshops/010b5950-e105-489b-92ed-5b2c5395cf99/en-US>



# Thank you!

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