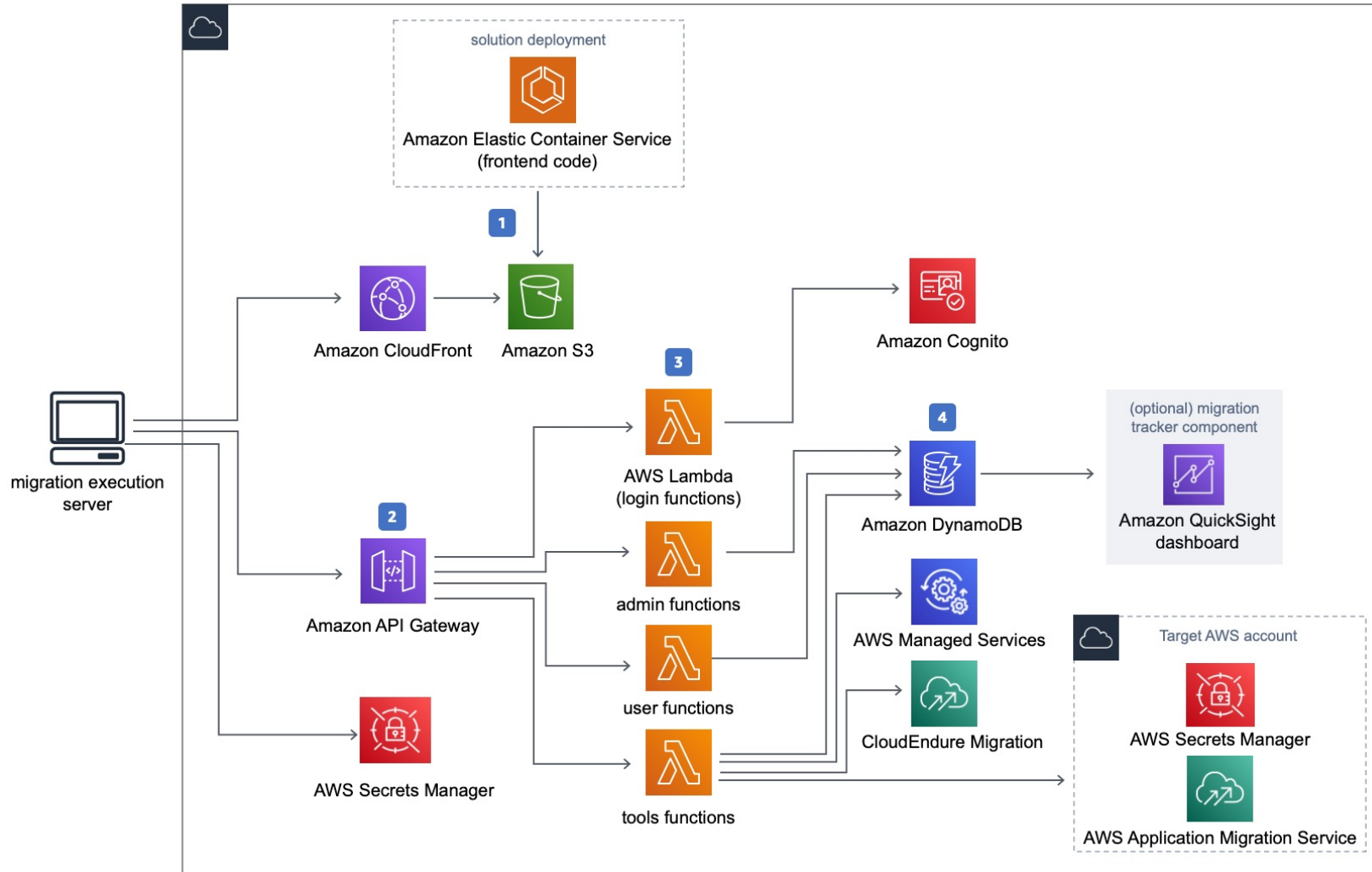


AWS CloudEndure Migration Factory Solution

This solution coordinates and automates manual processes for larger scaled migrations involving a substantial number of servers, helping enterprises improve performance and prevent long cutover windows by providing an orchestration platform for rehosting servers to AWS at scale. To deploy this solution using the available AWS CloudFormation template, select **Deploy with AWS**.



1 The template deploys **Amazon Elastic Container Service (Amazon ECS)** to build a web interface and uploads the code to an **Amazon Simple Storage Service** bucket.

2 **Amazon API Gateway** receives migration requests from the migration execution server via RestAPIs.

3 **AWS Lambda** functions provide the necessary services for you to log in to the web interface, perform the necessary administrative functions to manage the migration, and connect to third party APIs to automate the migration process.

AWS Lambda functions ingest the migration metadata into an **Amazon DynamoDB** table, process external RestAPIs, calls CloudEndure Migration and **AWS Application Migration Service (AWS MGN)** for AWS migration, and initiates workload ingestion (WIG) request for change (RFC) calls to **AWS Managed Services** for AMS migration.

4 The migration metadata stored in **Amazon DynamoDB** is routed to CloudEndure Migration or **AWS MGN** API to initiate a migration job and launch servers housed in CloudEndure.



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Deployable AWS Reference Implementation

Deploy with AWS