

DEVELOPER ACCELERATION WORKSHOPS

Our experts will show you how to take full advantage of the AWS cloud, and lower your TCO with cost-effective, low-maintenance serverless applications.

TWO DAYS WITH OUR EXPERTS SAVES YOU TWO MONTHS OF TREKKING ALONE.

INTRO LEVEL WORKSHOP

- Architecting secure serverless apps
- NewOps for streamlined serverless teams
- Serverless use cases (and use-nots)
- API design
- Choosing a serverless datastore
- Migration strategies

ADVANCED WORKSHOP

- Serverless architecture patterns
- Greenfield project design
- Serverless life cycle management
- Advanced AWS use cases




JUMP START YOUR SERVERLESS JOURNEY

Our world-class AWS and serverless experts cut through to what's really important, and show you how our own team approaches serverless development.

Each 1-2 hour workshop session combines best practices training with hands-on lab work and advice. Our experts have years of production serverless deployments under their belts, so bring your best serverless questions! We are here to guide your team through the serverless learning curve.

ONGOING SUPPORT AND GUIDANCE

Finish the workshop and ready to keep working together? Trek10 can:

-  **Build out a serverless project for you**
-  **Embed a dedicated expert on your team**
-  **Provide ongoing expertise and access to our engineers via Team Support**

We can help you figure out the best path forward after the workshop.

WANT TO CUSTOMIZE YOUR OWN WORKSHOP?

We can do that too! Let's dig in to your current workflow and design a workshop that is the best fit for your team and goals.

DEVELOPER ACCELERATION

Serverless project layout

Serverless Framework or AWS SAM? Monorepo or multirepo? We'll walk you through the tradeoffs and help you structure a project layout that meets your needs.

Architecting secure serverless apps

We'll help you with secure design principles on AWS, and introduce additional tools that can take your security posture to the next level.

Serverless CI/CD that delivers

Build out dynamic feature branch pipelines, enable cloud collaboration across teams, and automate multi-account releases in AWS.

Speedy serverless development cycles

How do you test and debug a bunch of Lambda functions? Learn how (and when) to work with serverless offline, and how to shorten the feedback loop between coder and cloud.

Serverless API design

REST or GraphQL? API Gateway or AppSync? How many routes to a Lambda function? We'll work through the best practices and provide recommendations for your use case.

Choosing a serverless datastore

DynamoDB, Aurora, and S3 will get a workout as we demonstrate the principles that underlie serverless database choices, as well as migration strategies from legacy systems.

Serverless architecture patterns

In this advanced session, we'll dive deep on event sourcing, workflow patterns, service discovery, and more ways to build truly cloud-native apps.

Serverless gotchas and pain points

We keep it real: serverless is no panacea. We'll address cold starts and other common serverless woes, and empower you to mitigate them.

ARCHITECTURE GUIDANCE

Migrating legacy architectures to serverless

How do you turn a monolithic, on-premise application into a flexible architecture that takes full advantage of the cloud? We'll work through it together – bring a whiteboard.

Green-field serverless projects

So many AWS services, so little time. We'll help you lay out an architecture for your new project that's cost-efficient and future-conscious.

HANDS-ON BUILDING

CI/CD pipeline

We'll work with you to deploy a sample serverless app across multiple AWS accounts using AWS services like CodePipeline and CodeBuild. Lots of CloudFormation included!

Sample AWS SAM or Serverless app

We'll help you lay out an example API & deploy it to AWS.

Efficient DynamoDB design

Model a relational database with us in a single DynamoDB table, and learn how to query it efficiently.

Real-time subscriptions with AWS AppSync

Build out a GraphQL backend and subscribe a front-end client using AWS Amplify to receive real-time updates.

ADDING BUSINESS VALUE WITH TREK10

At the end of the engagement, we'll provide a custom **roadmap and recommendations** to make sure you are empowered to get serverless right the first time. We'll synthesize our whiteboard discussions into an actionable game plan for migrating your apps to serverless and enabling serverless adoption on your team. And of course, you'll walk away with code templates and guidelines to keep you on the right track.

Should you want to continue the engagement, Trek10 can **build out a serverless project for you, or embed a dedicated expert on your team for even greater impact**. We'll help you figure out the best path forward after Developer Acceleration.