FULL SERVERLESS OBSERVABILITY

A single view for your entire AWS Lambda environment

SOLUTION BRIEF

THE SERVERLESS CHALLENGE

Serverless architectures are exploding in popularity because you can rapidly deploy new applications and functionality without worrying about concerns such as scaling, fault tolerance, or paying for unused resources.

But, just like any application, serverless applications also experience performance problems. Functions may fail to execute or take a long time to run. Bottlenecks still occur. How do you debug and solve problems when you don't have access to the servers running your code?

Many current monitoring approaches do not enable you to quickly identify and solve performance problems. Sometimes, your logs, metrics, and traces are siloed in different platforms. Other times, you simply need to see deep into your Lambda environment to pinpoint where your errors are occuring. Identifying and fixing performance issues can be difficult and time-consuming.

Siloed data and high level data cannot give you a whole-picture view into what is actually happening in your serverless environment. For this, you need Thundra.

INTRODUCING THUNDRA™

Built for straightforward debugging, monitoring, and observability, Thundra provides deep insight into your entire serverless environment.

Thundra collects and correlates all your metrics, logs, and traces, allowing you to quickly identify problematic invocations and also analyzes external services associated with that function.

With Thundra's zero overhead and automated instrumentation capabilities, your developers are free to write code without worrying about bulking up their serverless environment or wasting time chasing ineffective "solutions".

ACCOMPLISH MORE WITH THUNDRA

- Analyze performance of your entire serverless environment in a single observability solution
- Implement with ease using no code, low code, and zero overhead option
- Quickly identify and dive deep into problematics areas
- Keep your private data secure and in trusted locations

HOW TO BUY

Pay for what you actually use with straightforward, consumption-based subscriptions.

Contact us to learn more:

info@thundra.io

INTEGRATIONS

Analyze serverless data within your favorite analytical platforms, such as Splunk or Honeycomb.

Learn more at:

www.thundra.io/integrations

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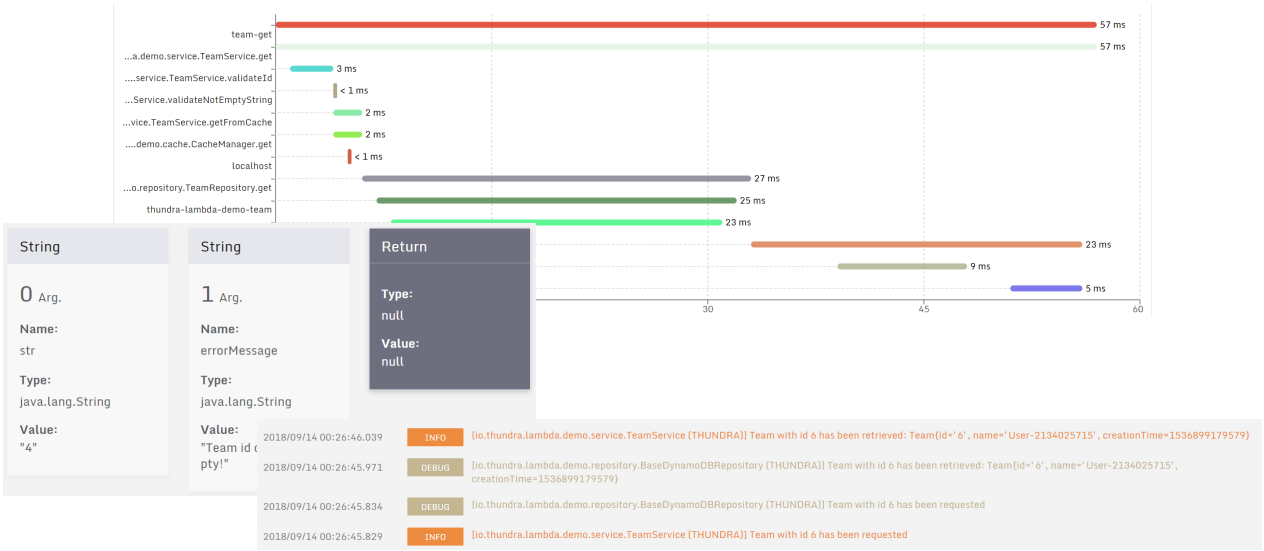
FULL OBSERVABILITY IN A SINGLE VIEW



FEATURES AND BENEFITS

ANALYZE PERFORMANCE IN A COMPREHENSIVE SINGLE SOLUTION

- Analyze the whole picture with aggregated log, trace, metrics.
- Extend observability to external services, such as Amazon DynamoDB, HTTP, JDBC, AWS SDK, and Redis.
- Expand and enhance on AWS existing monitoring capabilities (e.g. Cloud-watch logs, X-Ray).

IMPLEMENT WITH NO CODE, LOW CODE, AND ZERO OVERHEAD

- Automate lambda instrumentation by simply modifying environmental variables or adding annotations.
- Precisely target specific code within your functions with low code manual or rule-based instrumentation.
- Choose between a zero overhead, asynchronous monitoring approach or analyze your data in real-time with a synchronous approach.

KEEP PRIVATE DATA SECURE AND IN TRUSTED LOCATIONS

- Maintain data locality or keep your Thundra data within your own data centers (with Thundra's integrations).
- Mask data you send to Thundra, allowing you to still observe performance without sharing sensitive information outside your organization.
- Observe performance of your serverless functions running within Amazon Virtual Private Cloud with no additional overhead.

GET STARTED TODAY

- Sign up for a free trial at https://console.thundra.io/signup
- Join our Thundra Community Slack channel: https://www.thundra.io/thundra-slack-invitation