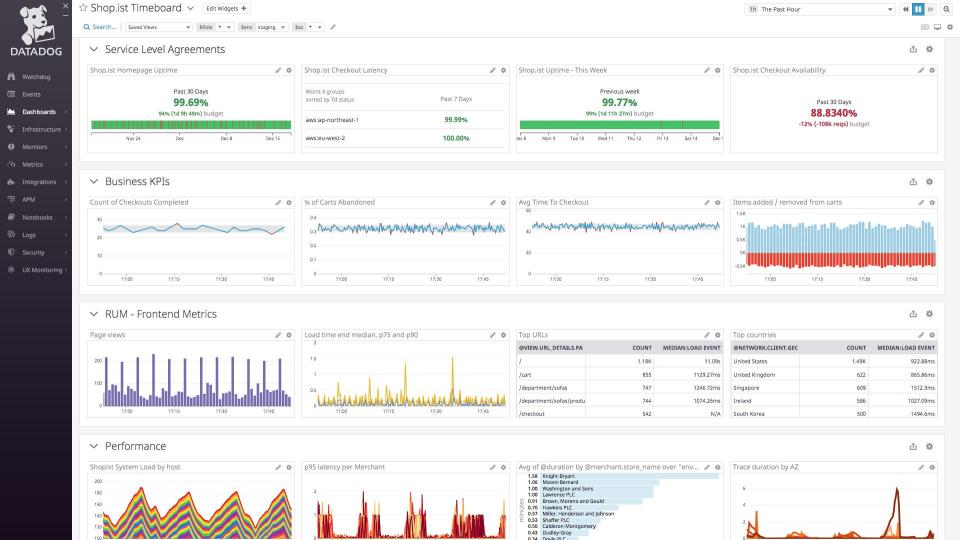
Monitoring Serverless Applications



Rachel White Technical Evangelist

@ohhoe



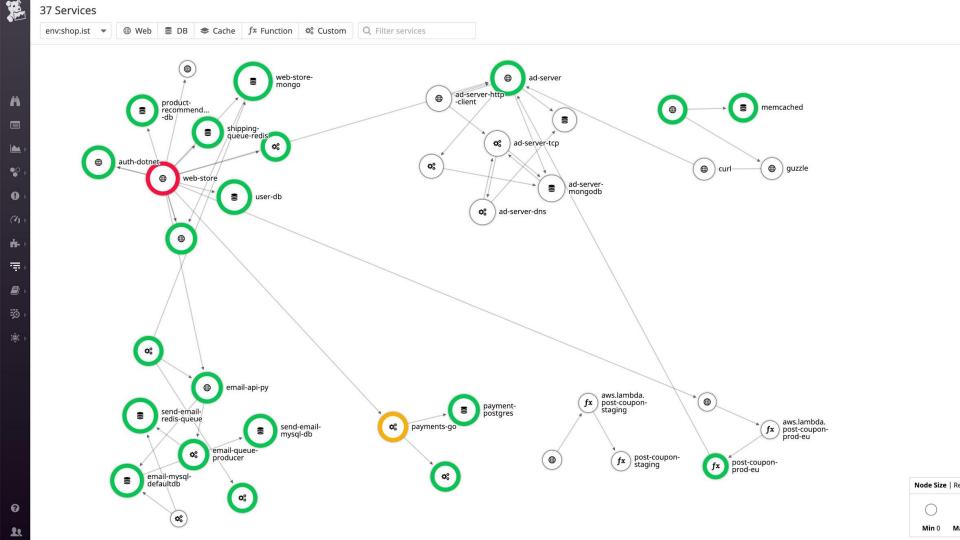
What is Serverless?

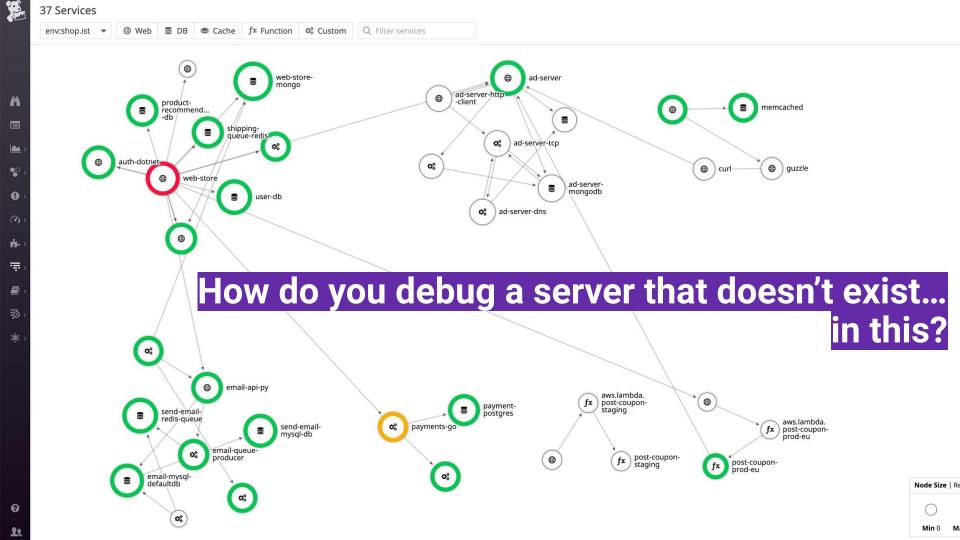


How do you debug a server that doesn't exist?





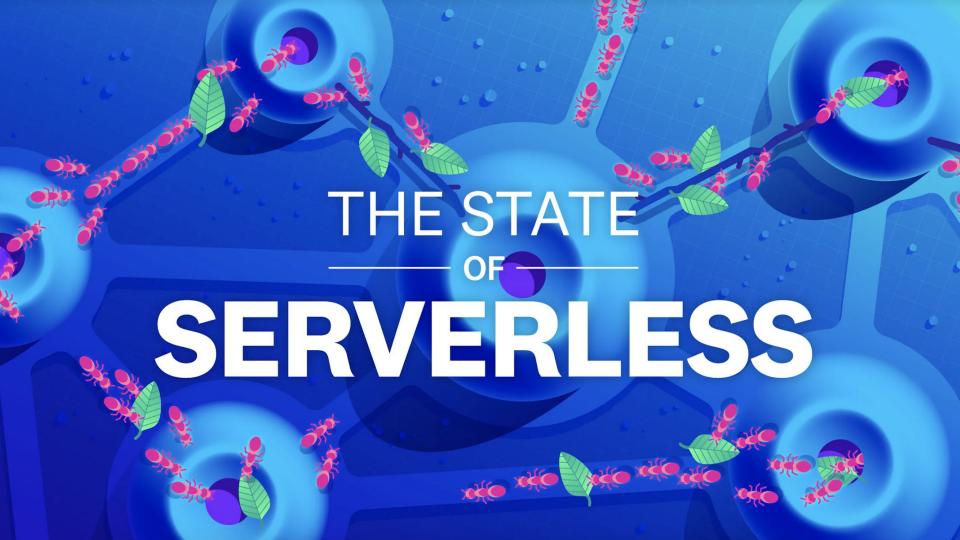




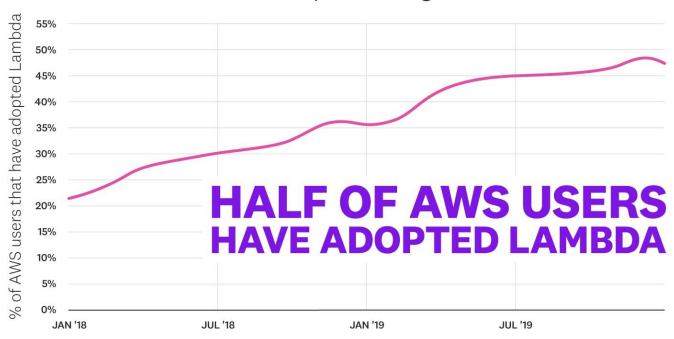
Serverless Platform Specific Constraints

- Allocated Memory Usage
- Cold Starts
- API Gateways as Intermediaries
- Commonly called via queues





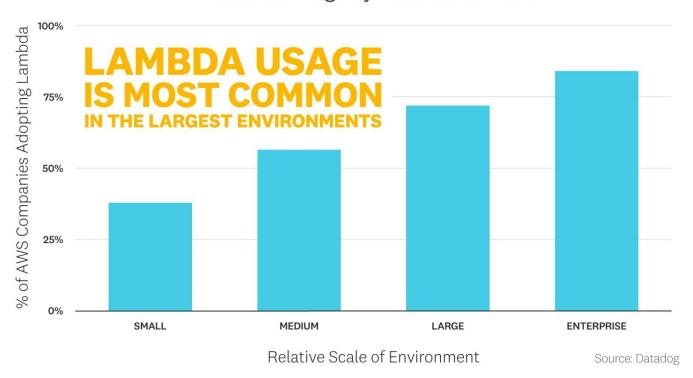
Lambda Adoption Among AWS Users



Source: Datadog



Lambda Usage by Environment Size

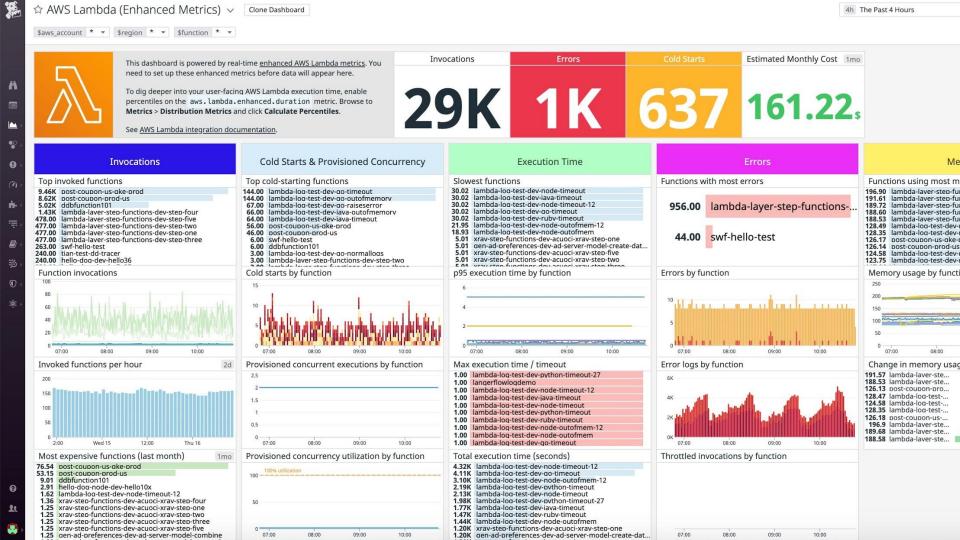


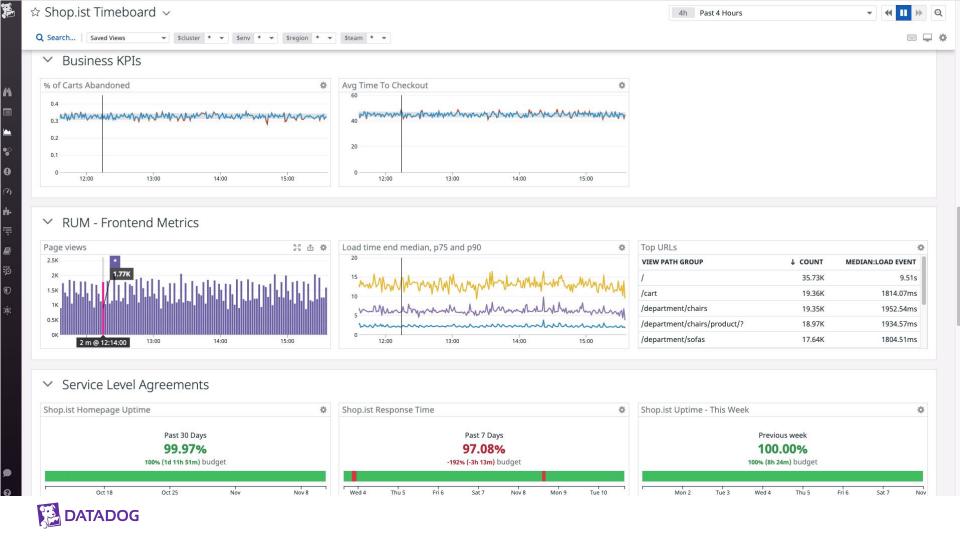


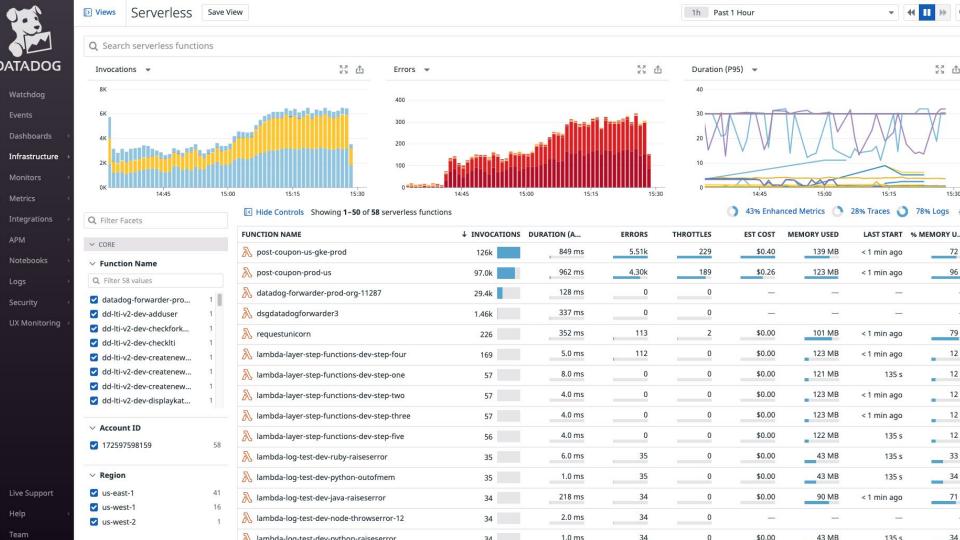
Simple Configuration for Serverless Full Visibility

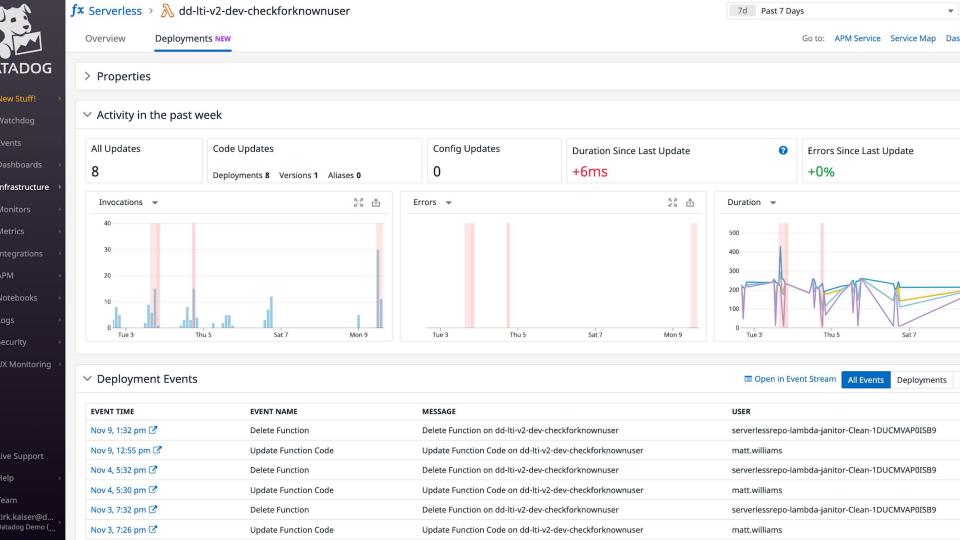
- 1. Enable Integration
- 2. Instrument Your Language

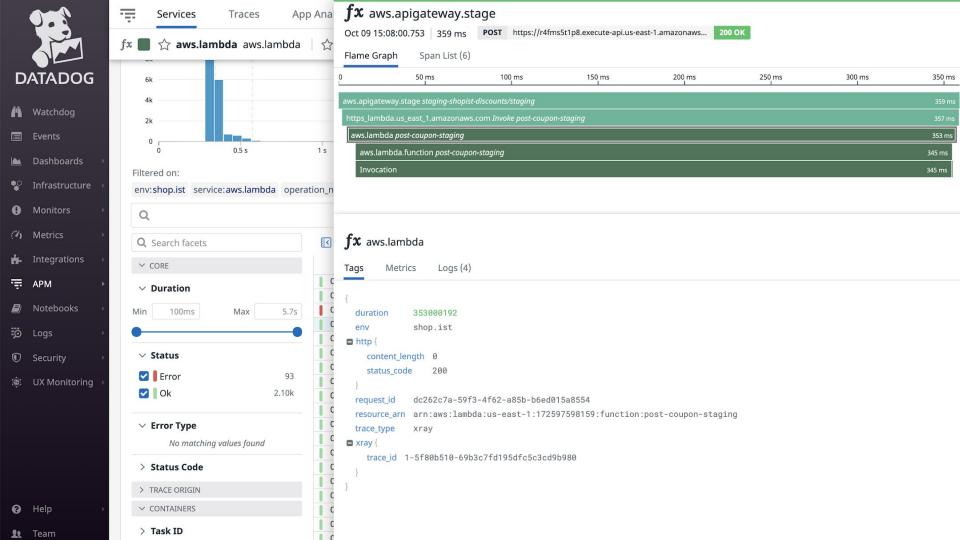




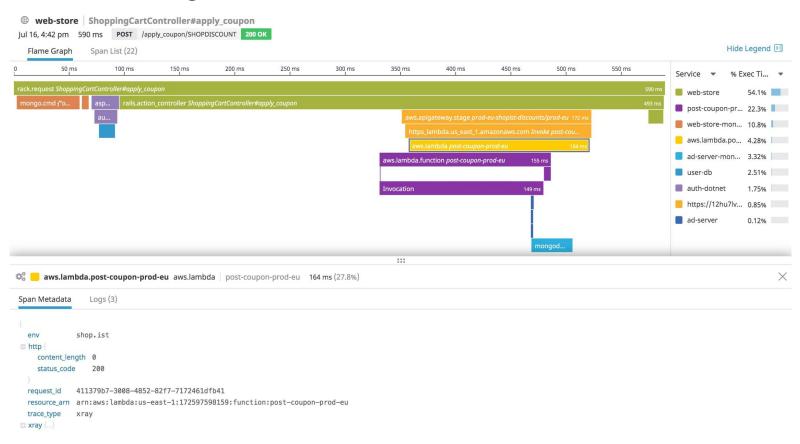




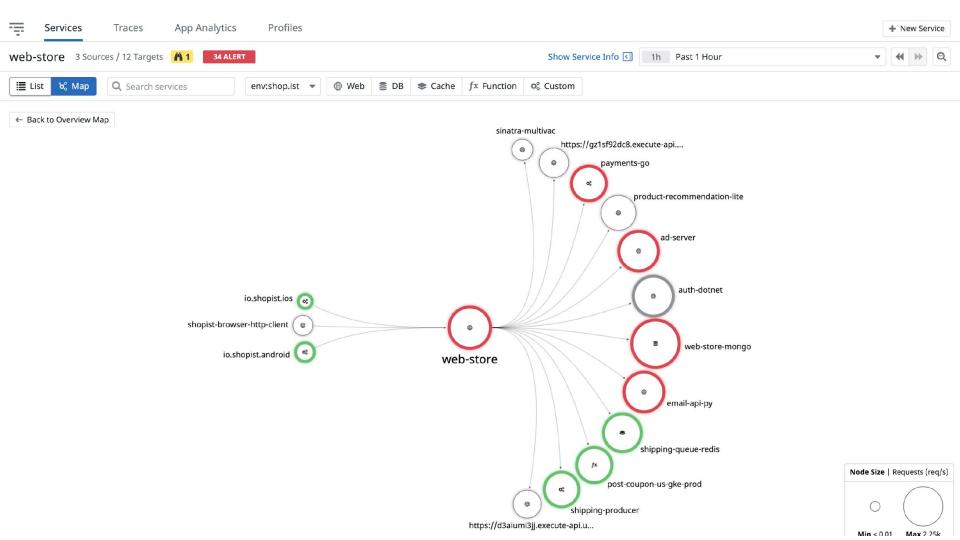


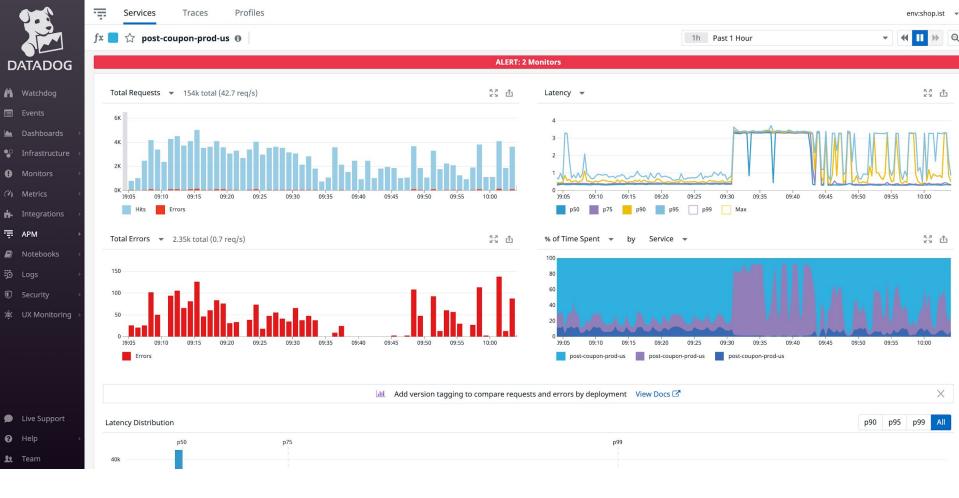


Traces, Logs and Metrics Across Infra Platforms











Use Datadog to Pivot Between Abstractions

- APM for Service / Application Level Problems
- Serverless Metrics & Dashboards for Platform State
- Service Map for Overall Application Architecture
- Metrics for Overall Business Processes / State
- Enrich with RUM for Visibility into End User Experience





Thank You!