

Fearless from Monolith to Serverless with Dynatrace

George Mao

Specialist Solutions Architect, Serverless, Amazon Web Services

Wayne Segar Solutions Architect, Dynatrace

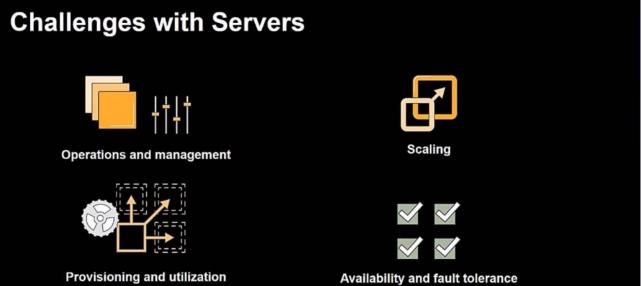
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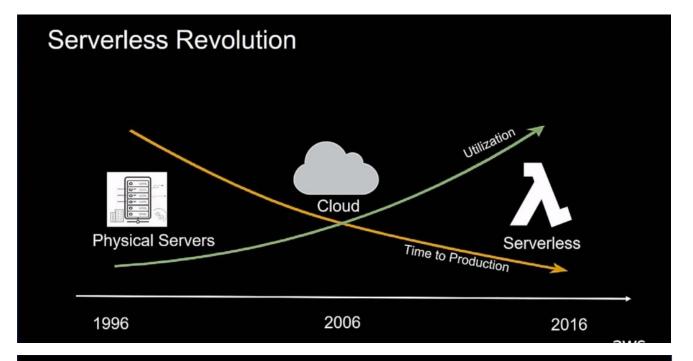
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From Monolith to Serverless with Dynatrace

What is Serverless?
Evolution of Serverless Computing
From Monolith to Serverless with Dynatrace







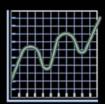
AWS Lambda: Serverless Compute



- AWS Lambda lets you run code without managing servers.
- · Don't Pay for Idle time: You only pay for compute you consume



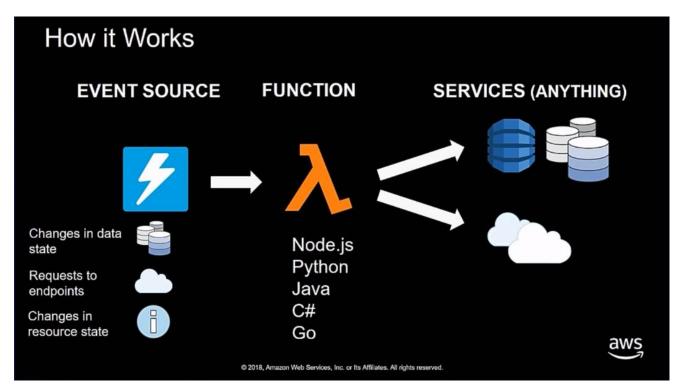
No Servers to Manage



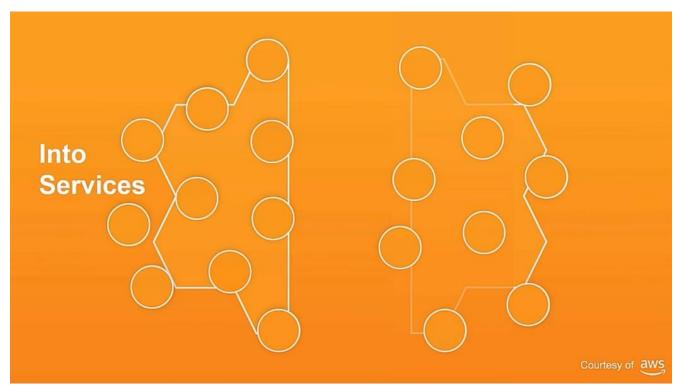
Continuous Scaling

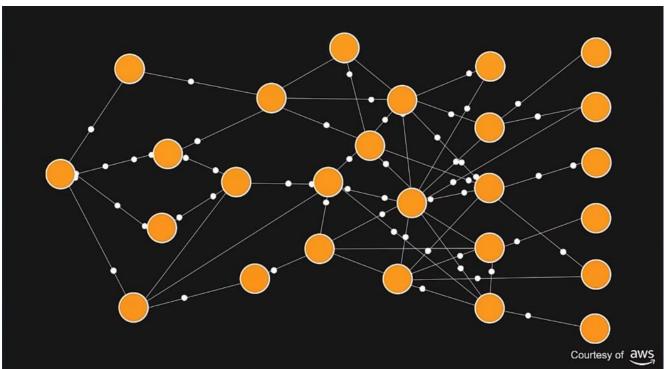


Subsecond Metering























Who is ødynatrace



Advanced Technology Partner

DevOps Competency
Migration Competency
Public Sector Partner
Marketplace Seller
SaaS Partner

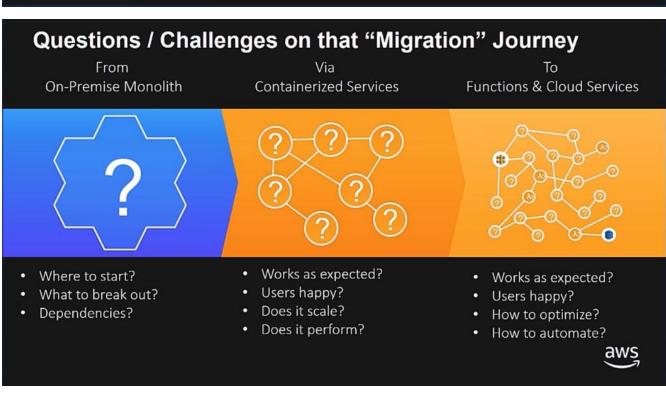
- Dynatrace is at the forefront of Al-based monitoring platform
- 8 years a leader in Gartner's MQ for Application Performance Monitoring Suites,
 - 5th consecutive year leader in terms of market share*
- Runs on the AWS Cloud, monitoring up to 100,000+ hosts
- 72 of the Fortune 100, trust Dynatrace incl. Verizon, Citrix
- AWS Competency Partner and available on AWS Marketplace
- Dynatrace digital assistant davis using Amazon Technology

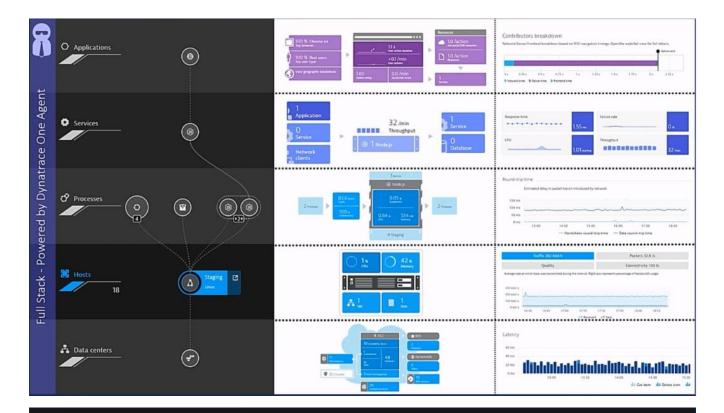
*Gartner: Market Share Analysis: Performance Analysis Software, Worldwide, 2016

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Dynatrace enables Break, Shift, Re-Platform

Dynatrace Smartscape

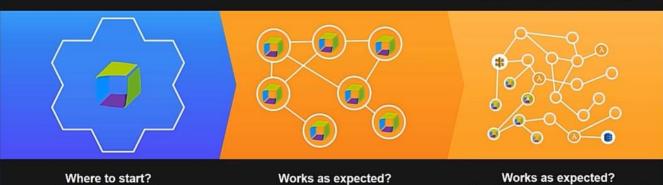
We tell you WHAT to migrate and WHERE to break the monolith!

Dynatrace Al

Automatic End User, Service and Infrastructure Root Cause Analysis

Dynatrace Automation API

Automate Rollout in your Containers & Functions. Automate Shift-Left and Self-Healing



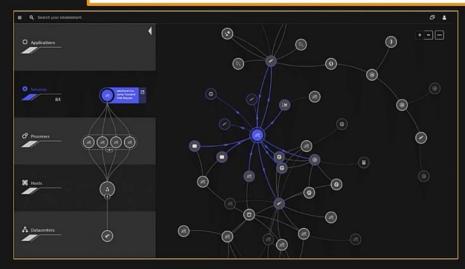
Where to start? What to break out? Dependencies? Works as expected?
Does it scale?
Does it perform?

Works as expected? How to scale? How to optimize? How to automate?



Dynatrace Helps to Decide What to Migrate/Shift

Automate T-Shirt Size Categorization for your Migration Plan

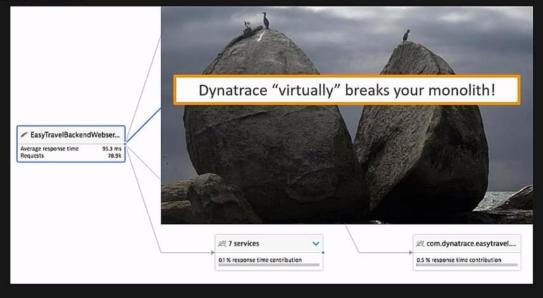


Dynatrace Smartscape

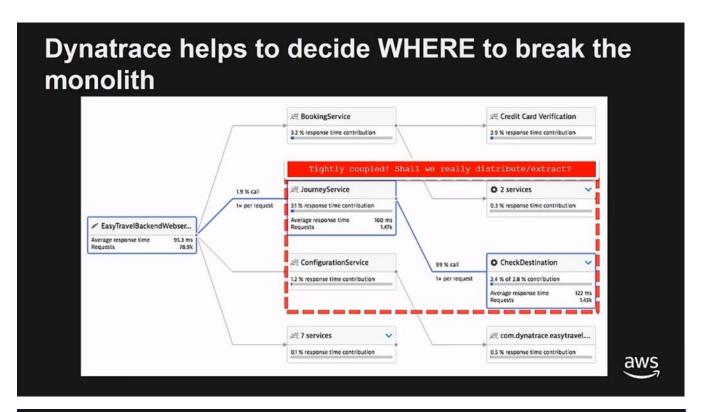
- Auto-dependency mapping of internal & external services
- Auto-load detection and baselining
- Auto-resource consumption detection

aws

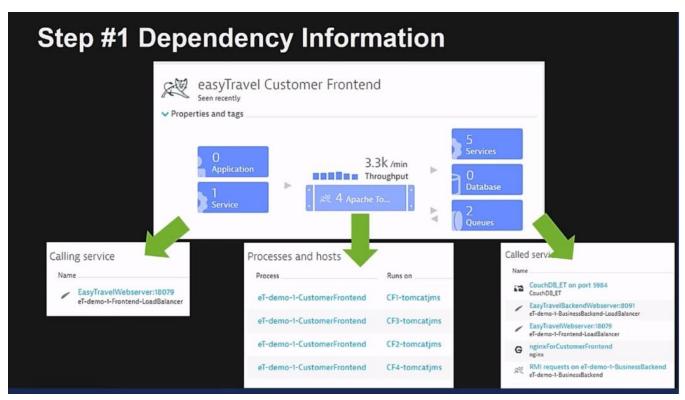
Dynatrace helps to decide WHERE to break the monolith

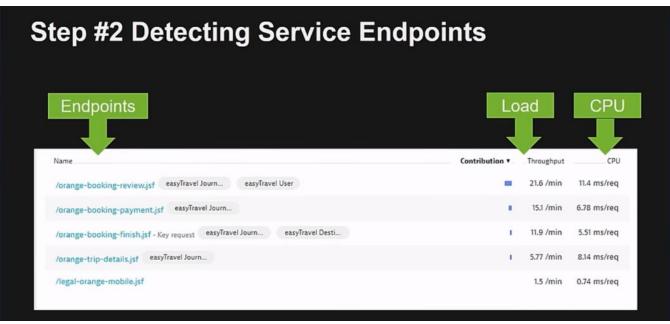


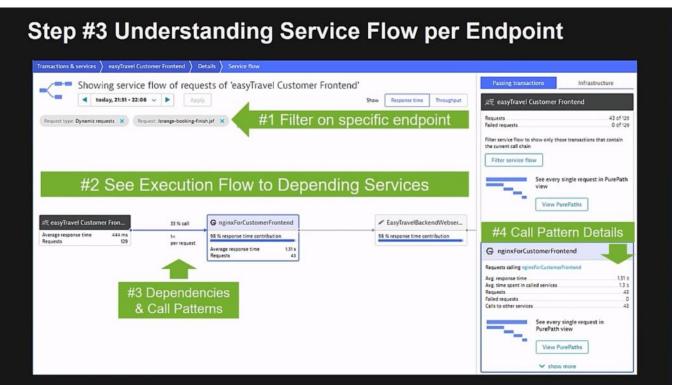


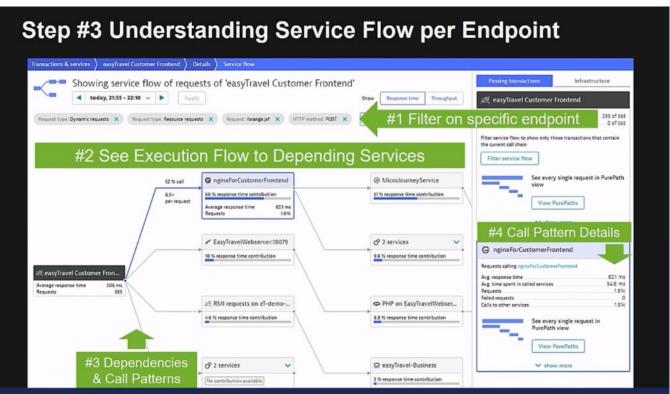


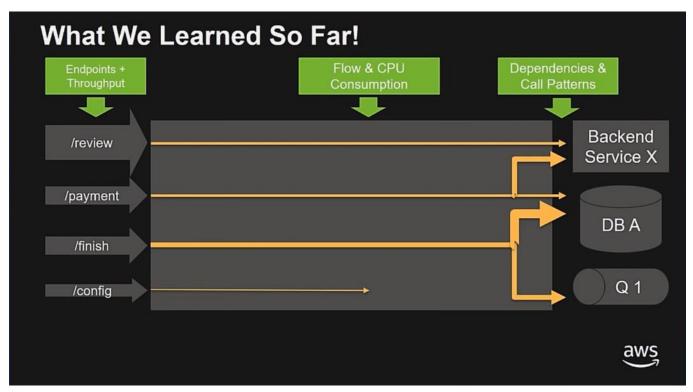


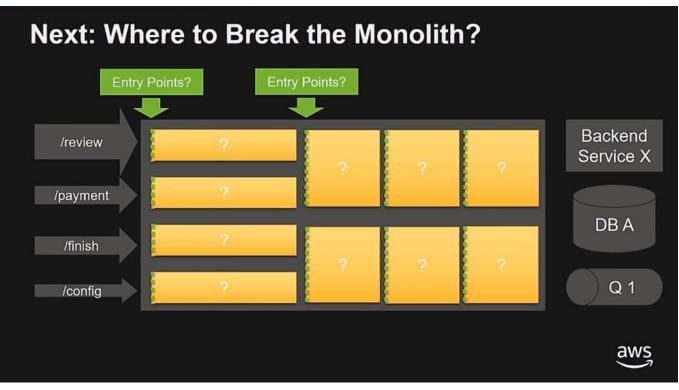




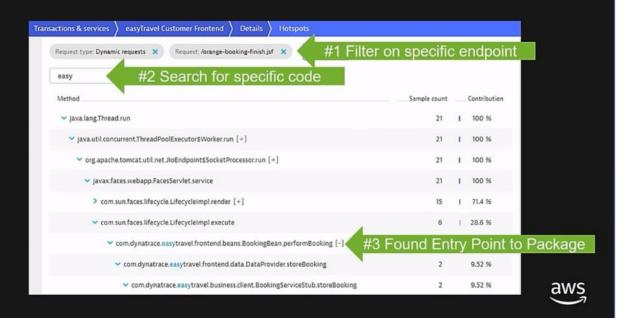






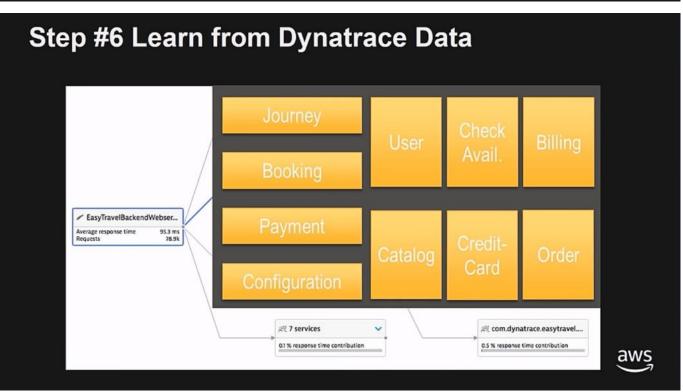


Step 4: Finding Entry Points with CPU Sampling

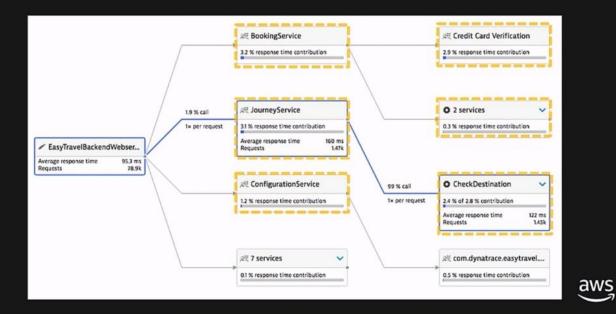


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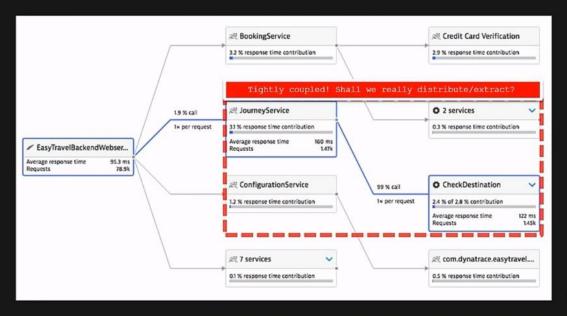




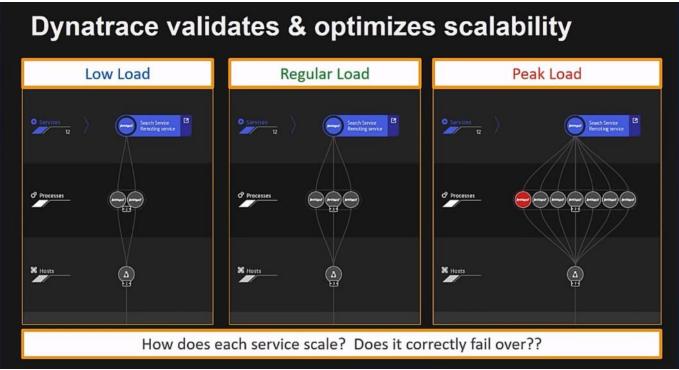
Step #6 Learn from Dynatrace Data

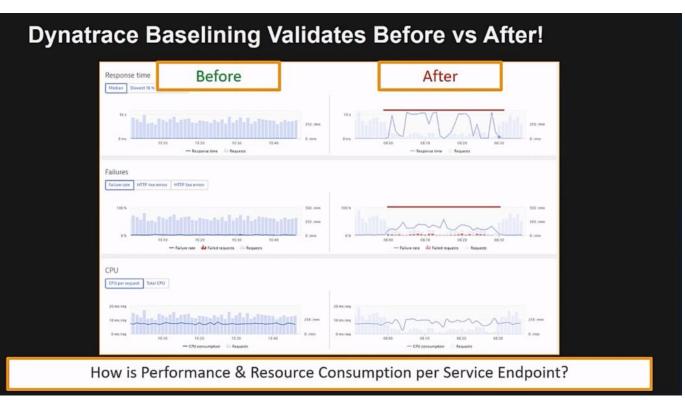


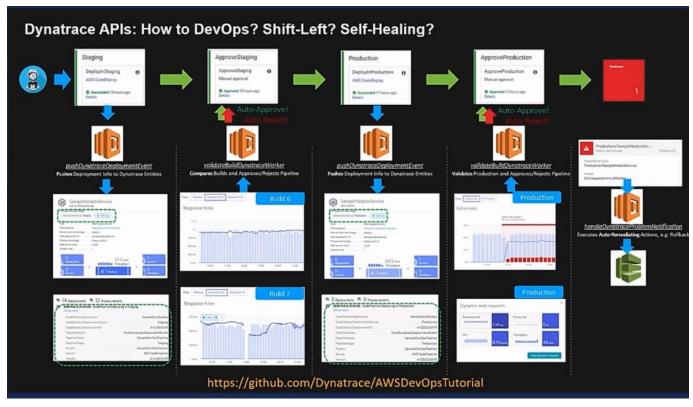
Step #6 Learn from Dynatrace Data

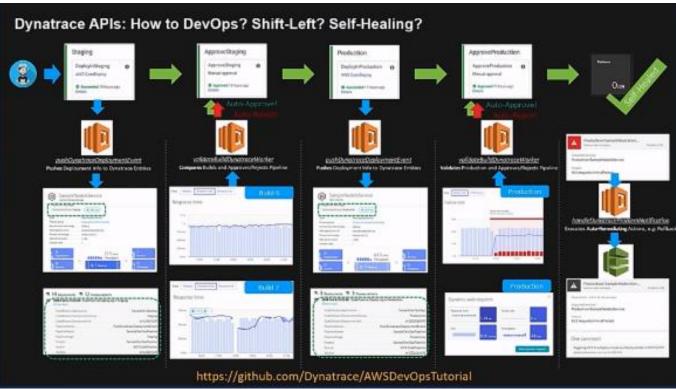






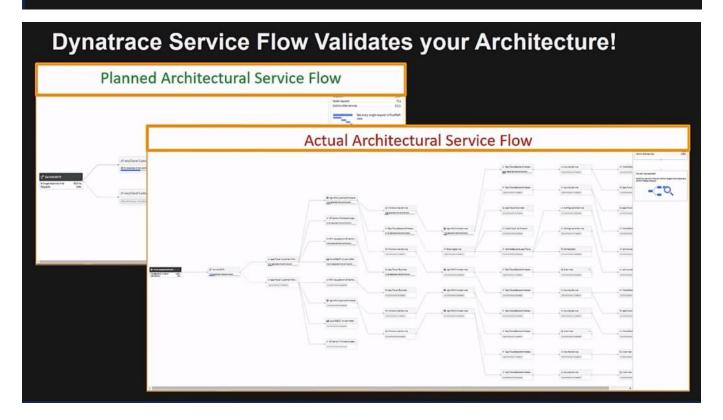


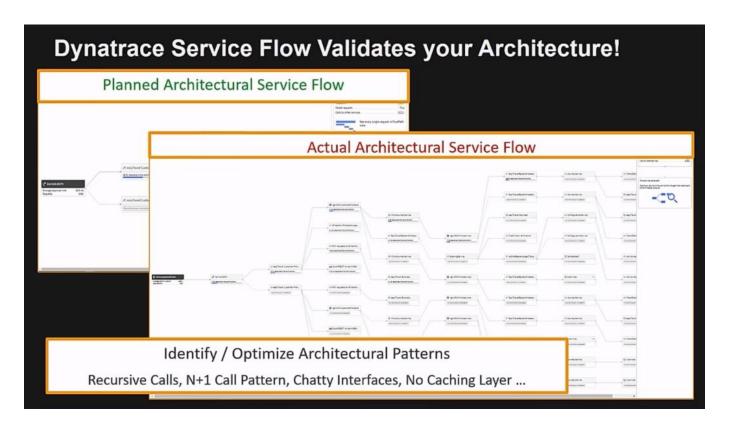


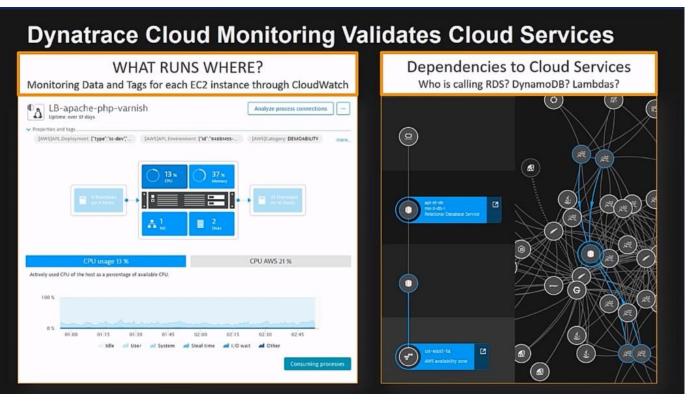


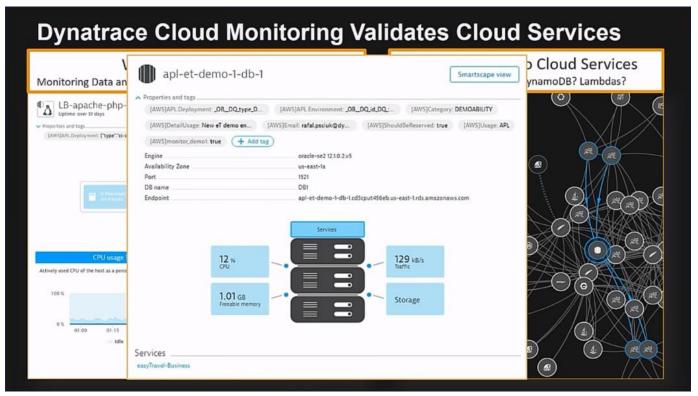
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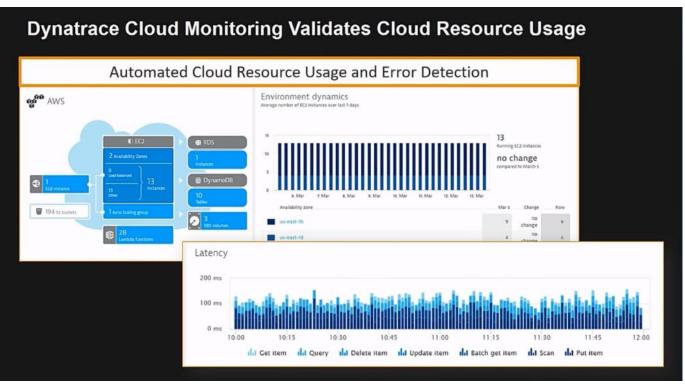


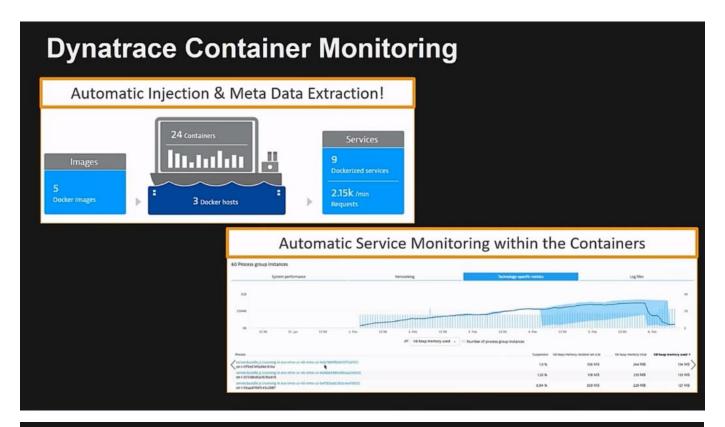


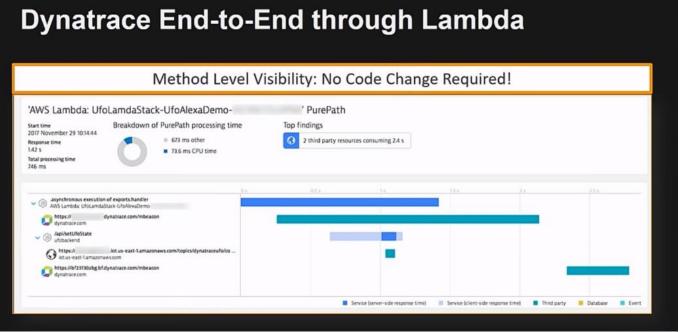


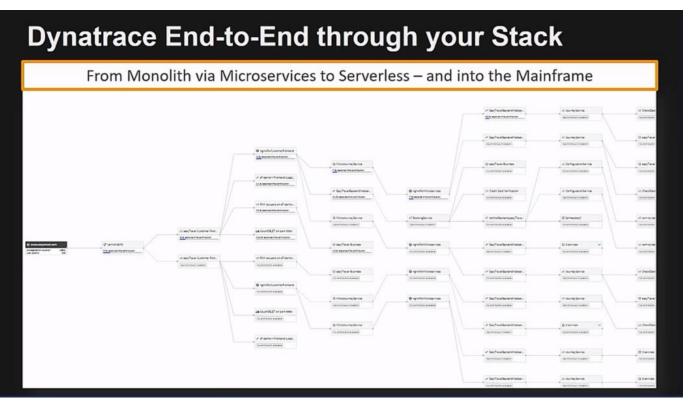


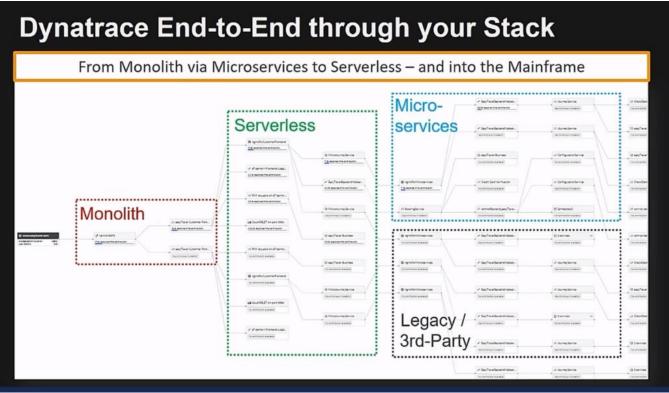


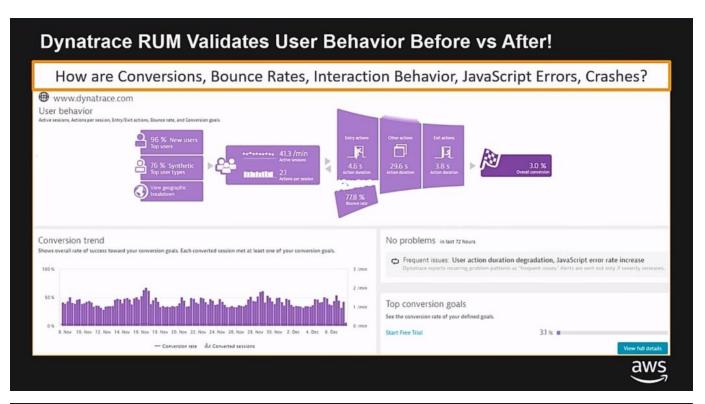


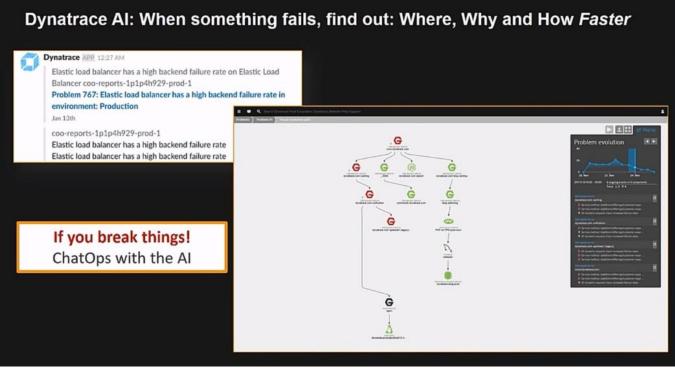


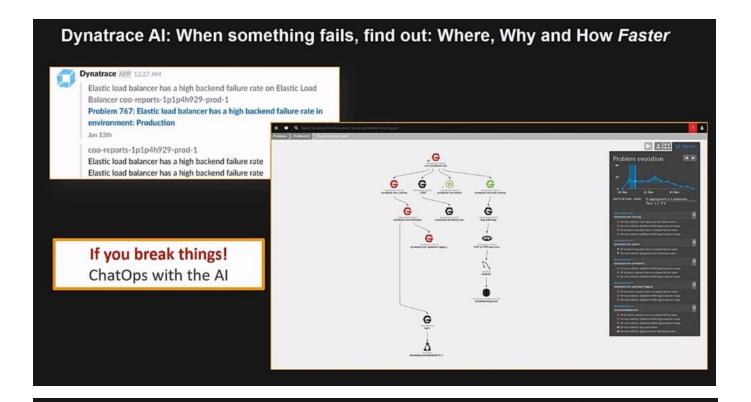














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- · Run as SaaS or On-Premises
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- · Follow us @dynatrace

