AWS re:Invent

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Observability on a single platform on AWS

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Agenda

Amazon CloudWatch overview

Interactive session on your observability challenges

Key takeaways and helpful resources

Q&A

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Amazon CloudWatch overview

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What is Amazon CloudWatch?

AWS native monitoring and observability platform

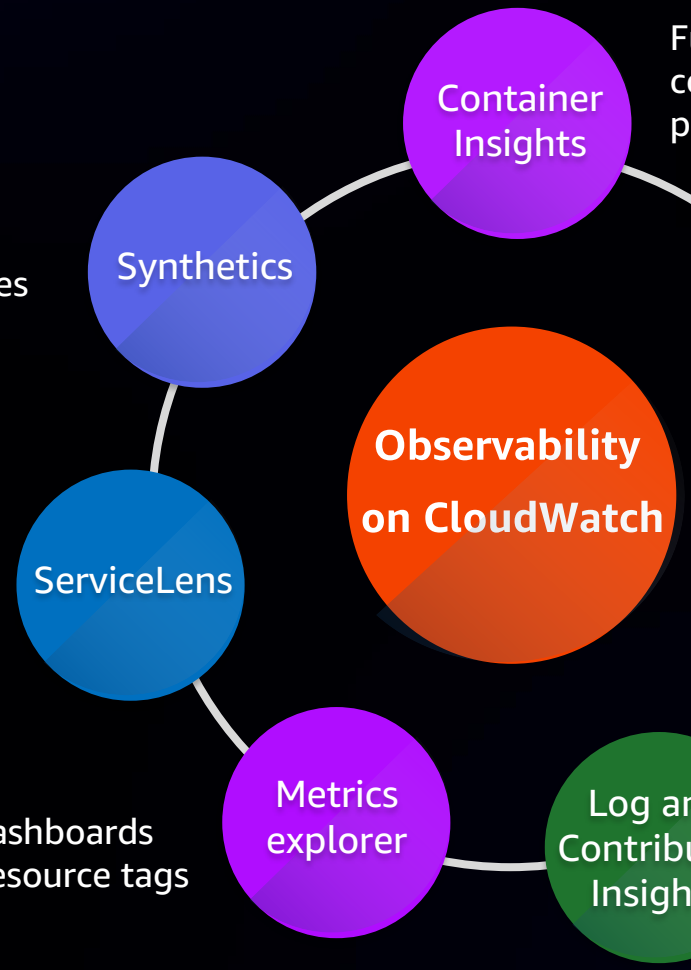
Complete visibility of cloud resources and applications



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Amazon CloudWatch observability tools

- Infrastructure monitoring
- Application monitoring
- End-user monitoring



Fully managed container monitoring platform

Perform real-user monitoring on websites and endpoints

Deeper insights into Lambda performance and health metric data

Easily correlate logs, metrics, and traces to quickly identify service bottlenecks

Automatically identifies issues using anomaly detection and notifies you

Dynamic dashboards based on resource tags

Fast interactive queries on your CloudWatch Logs; identify top contributors impacting system performance

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How CloudWatch works



Amazon CloudWatch

Complete visibility into your cloud resources and applications

Collect

Metrics, logs, and traces from all your AWS resources, applications, and services that run on AWS and on-premises servers

(CW Agent and ADOT)

Monitor

Visualize applications and infrastructure with CloudWatch dashboards; correlate logs and metrics side by side to troubleshoot and set alerts with CloudWatch alarms

Act

Automate response to operational changes with CloudWatch Events and Auto Scaling

Analyze

Insights solutions for all key products – Log Insights, Container and Lambda Insights; ServiceLens – single pane of glass for observability data

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More about us . . .



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3+ years at AWS



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Observability is the goal

METRICS



LOGS

TRACES

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What are the observability challenges you face today?

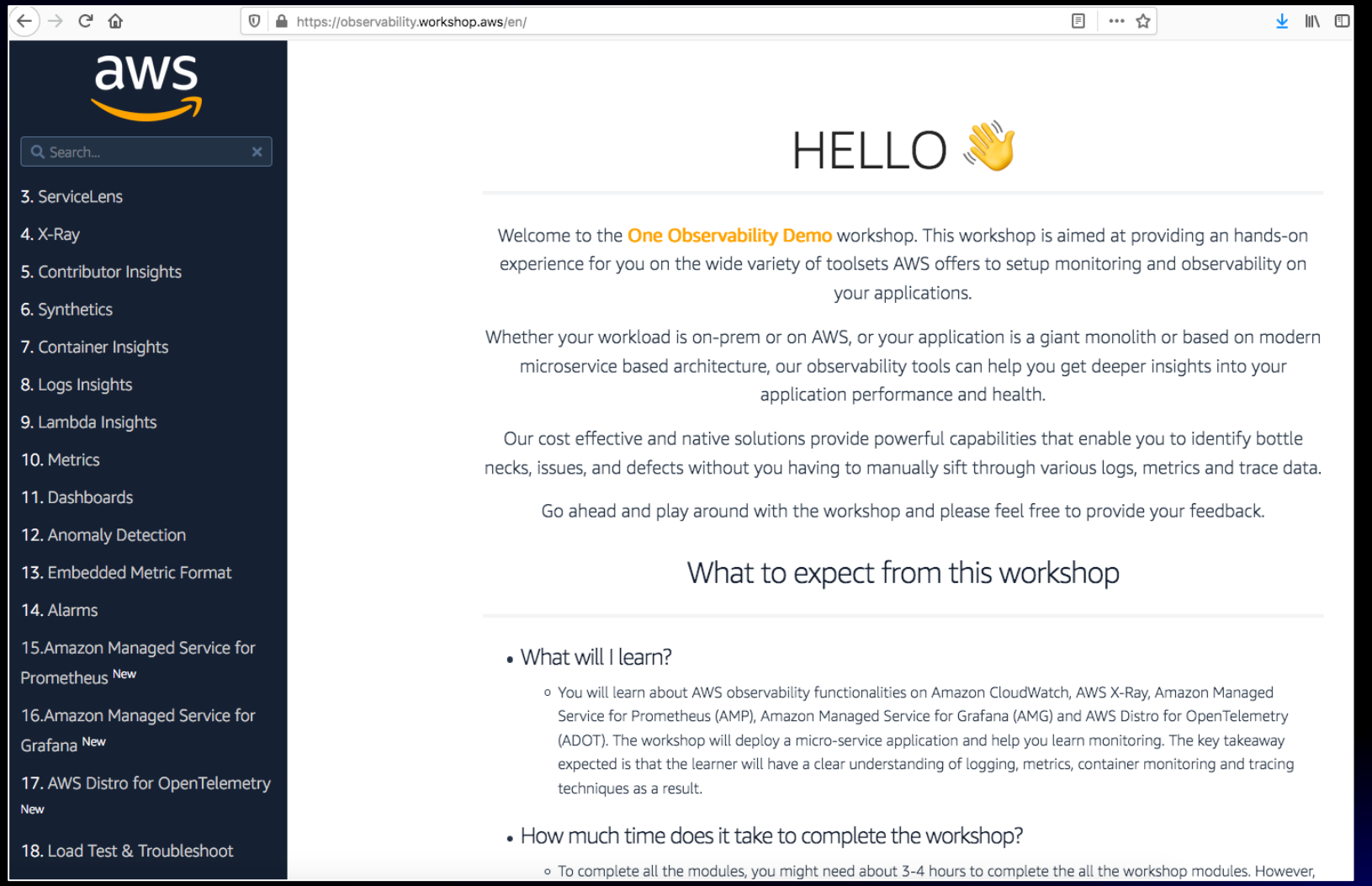
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Key takeaways and helpful resources

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Self-serve AWS observability workshop

https://observability.workshop.aws/en/



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Call to action!



[Observability workshop]



[Getting started: CloudWatch]



[Getting started: AWS X-Ray]



[Monitoring and observability blog posts]

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Thank you!

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