
AWS
re:Invent
NOV. 28 – DEC. 2, 2022 | LAS VEGAS, NV

PRT102

SPONSORED BY SLACK

Reduce DevOps context switching with AWS and Slack

Logan Franey (he/him)

Developer Solutions
Slack

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

The chaos and complexity of modern-day DevOps

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Agile and DevOps have transformed software development

Code deployments per year



208x

more frequent code deployments per year

Hours to resolve incidents



2,604x

faster time to resolve

Change failure rates



7x

lower change failure rate

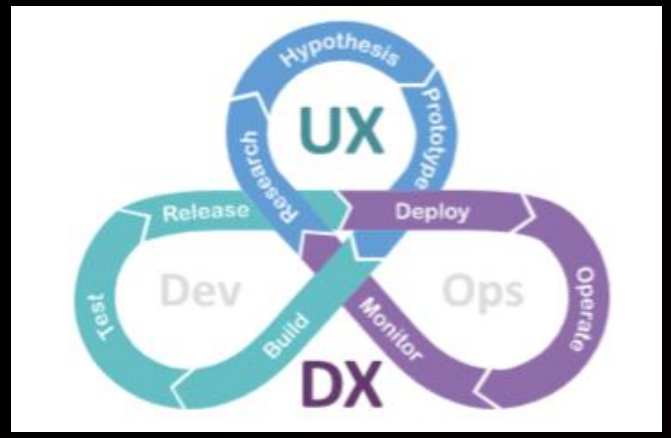
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Faster innovation has unintentionally created silos and complexity

Shift to cross-functional product teams

Distributed teams and microservices

Proliferation of dev tools







aws
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

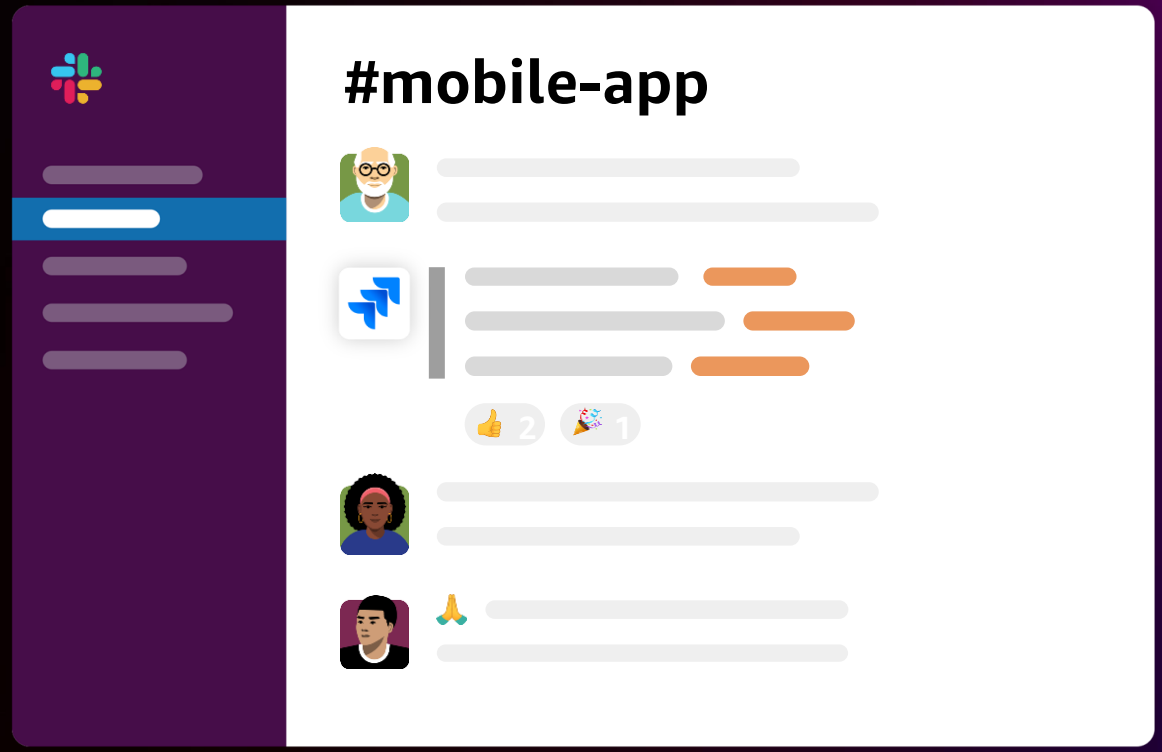


Chain of command communication creates silos and chaos

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Agile and DevOps keys to success

- Cross-functional collaboration
- Transparency and visibility
- Speed and velocity
- Automation

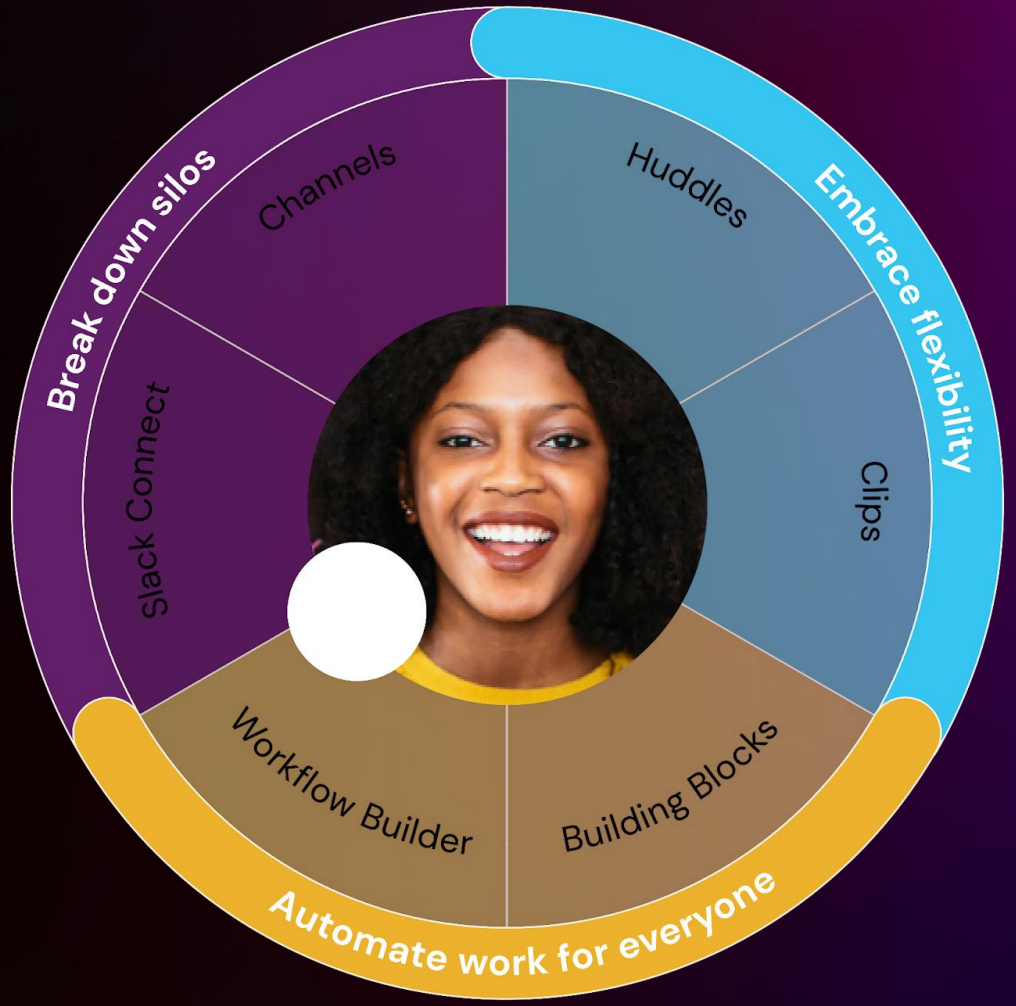


aws

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Slack is your digital HQ

Connect your teams, dev tools, customers, and partners in a digital place that's fast, flexible, and inclusive for a work-from-anywhere world.



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Digital HQ for engineering
powered by AWS

Ship quality code faster

Minimize incidents and downtime

Improve developer experience



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Slack is where cross-functional teams build, deliver, and fix software

Product management	DevOps, engineering, CI/CD	IT Ops Cloud Ops

Plan	Build	Test/iterate	Deploy	Operate
Customer feedback	Pull requests and code reviews	Vulnerability scanning	Deploy status	Spin up discussion
Product and sprint planning	Prototyping	Orchestrate CI/CD toolchain	Change requests	Streamline troubleshooting
Asynch standups	Find code and services	Dev-QA collaboration	Feature flags	Incident reviews
				Manage environments

aws

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Integrating 200+ AWS services

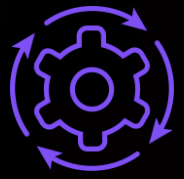
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Popular AWS services to integrate through AWS Chatbot into Slack



Dev

- Amazon EventBridge
- AWS CodeBuild, AWS CodeCommit
- AWS CodeDeploy, AWS CodePipeline, etc.



Ops

- AWS CloudFormation
- AWS Health
- AWS Systems Manager



Admin

- AWS Billing and Cost Management
- AWS Config



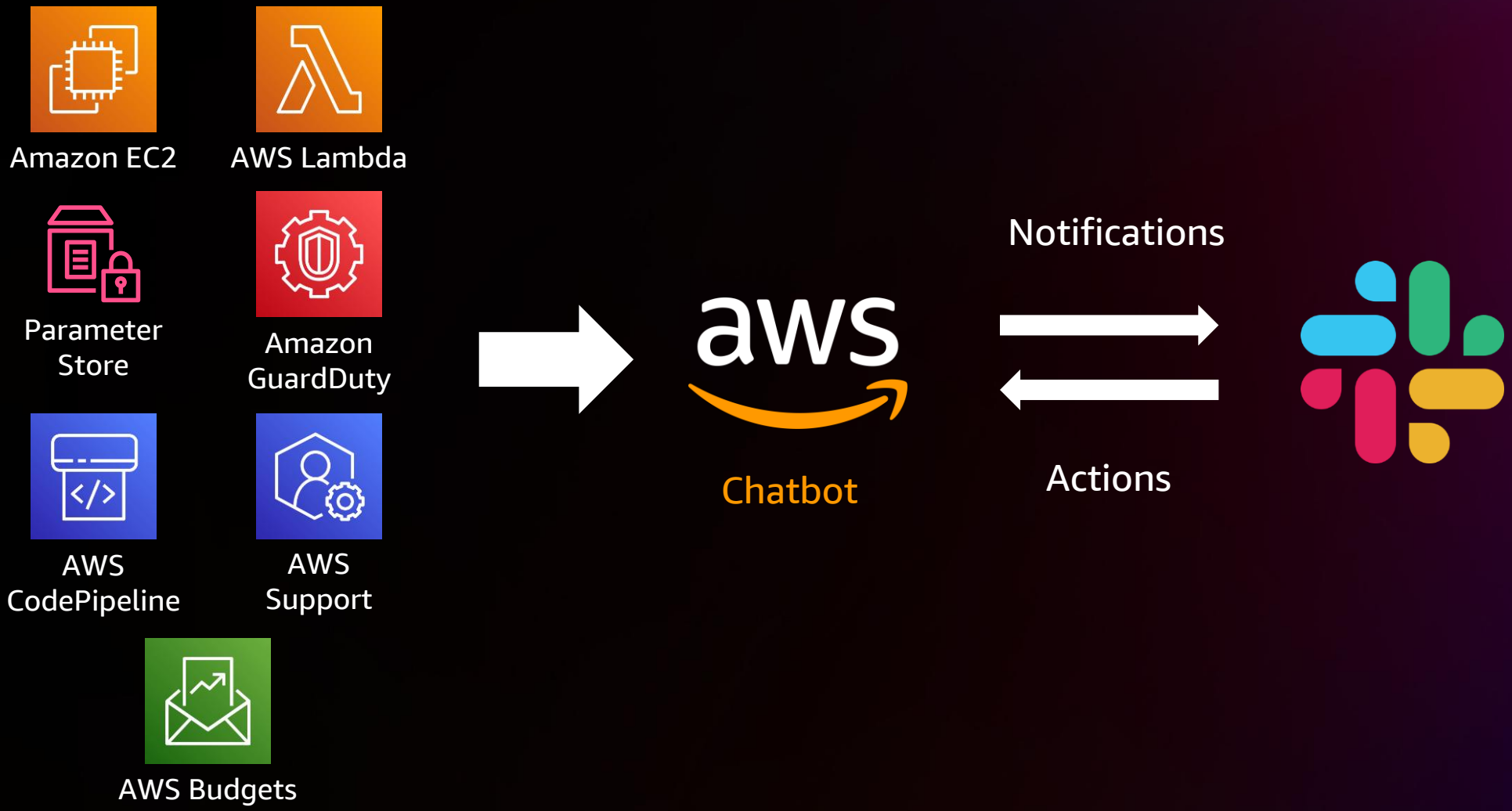
Incidents/ security

- Amazon CloudWatch
- Amazon GuardDuty
- AWS Security Hub
- AWS Systems Manager Runbooks
- AWS Systems Manager Incident Manager

aws

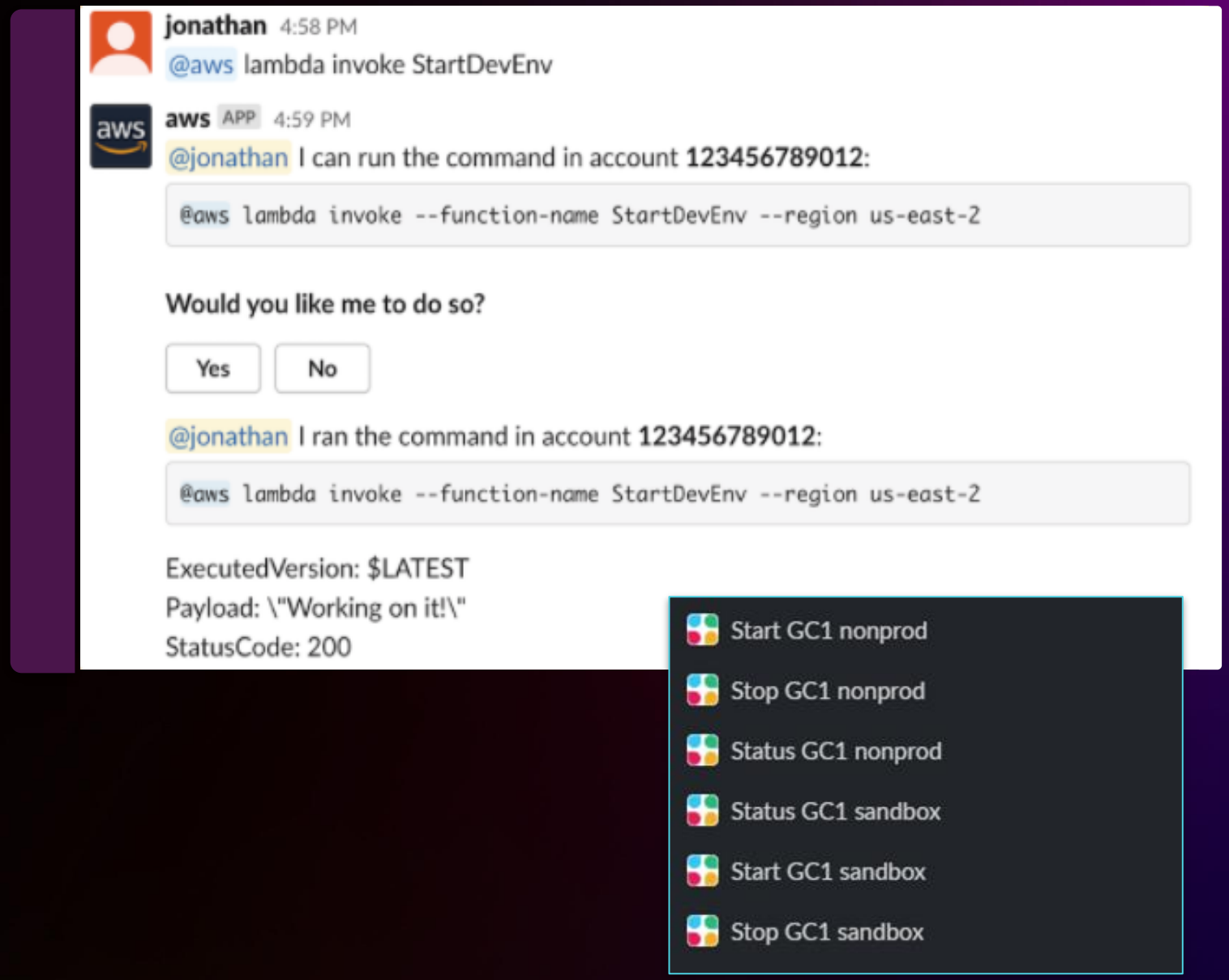
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

How does AWS Chatbot work?



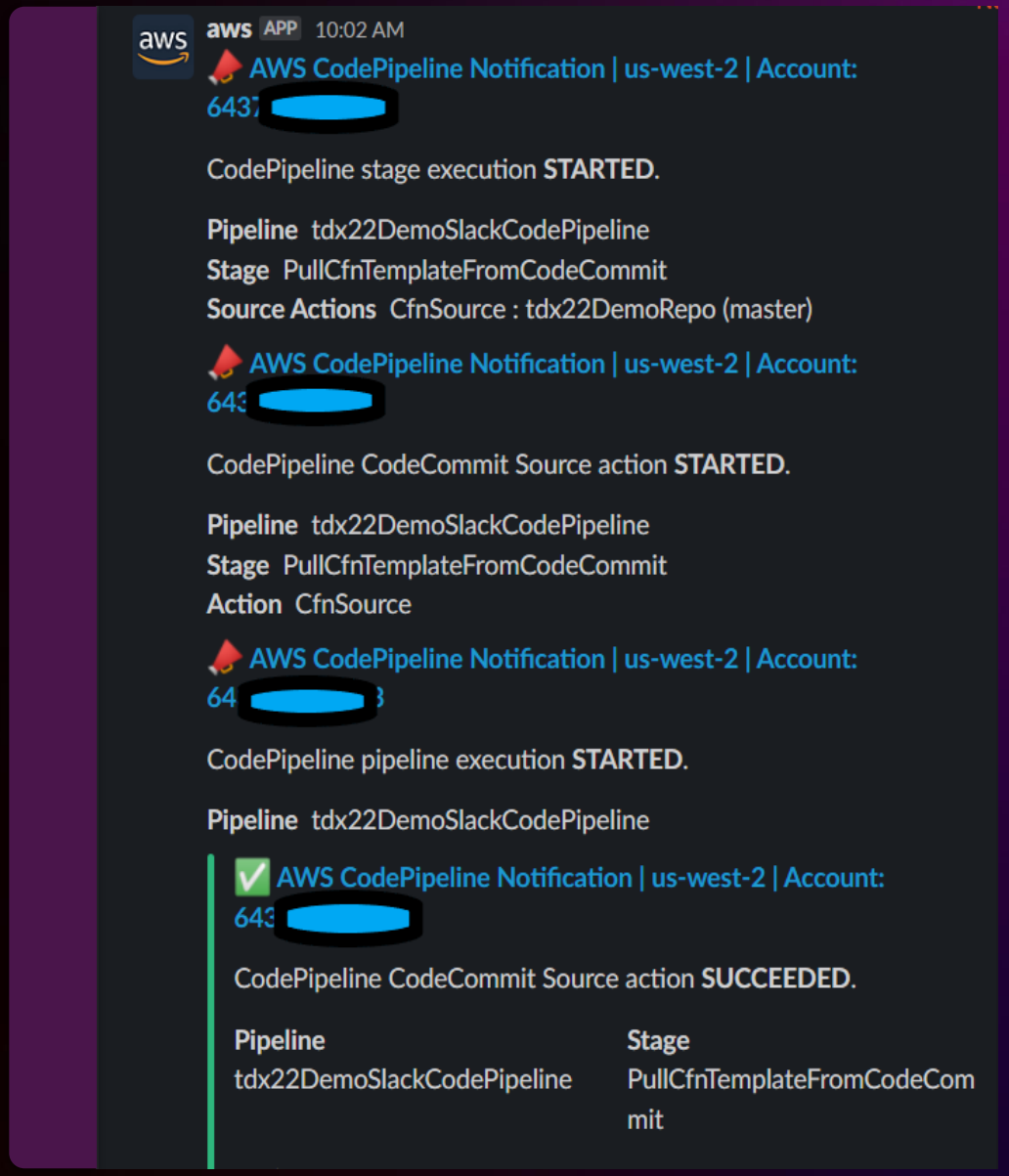
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Automate work across the SDLC



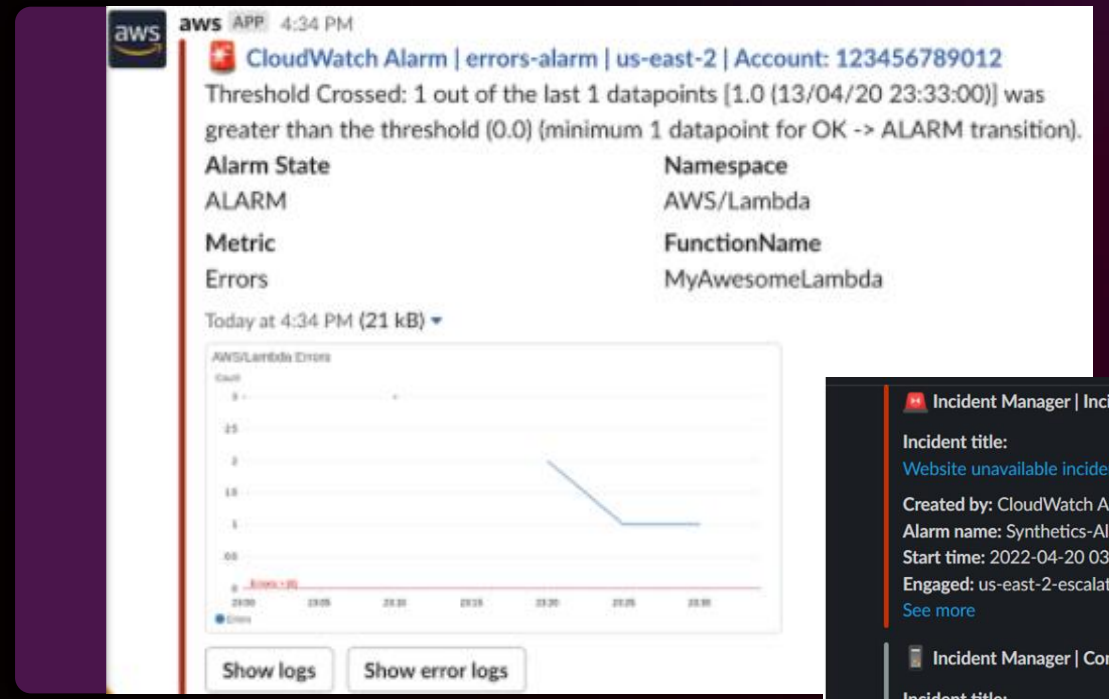
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

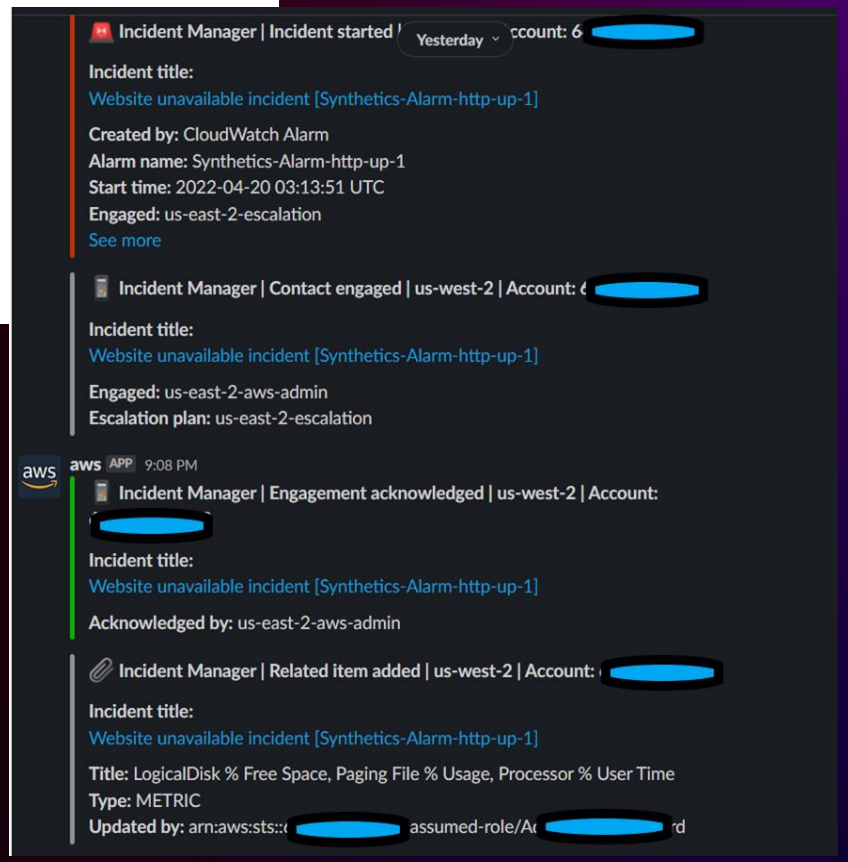
Unify DevOps toolchain to reduce context switching



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

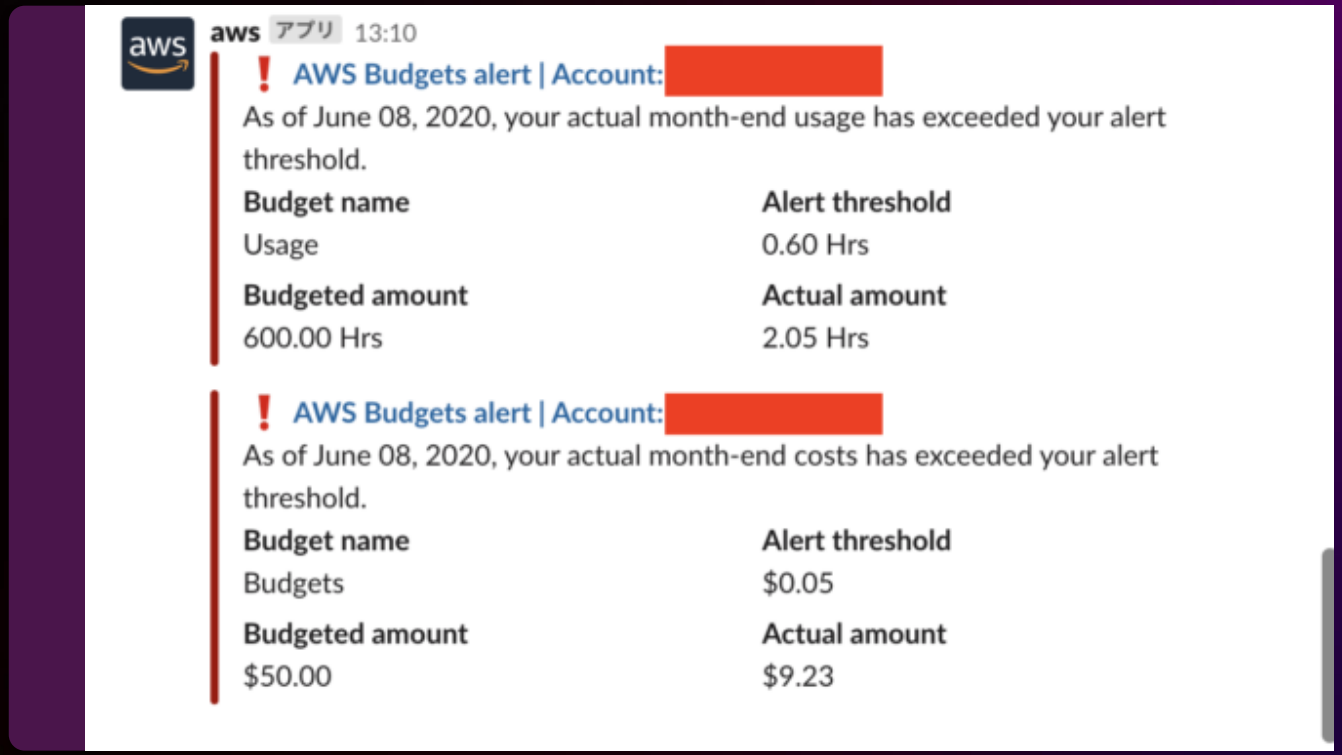
Alert and respond in real time





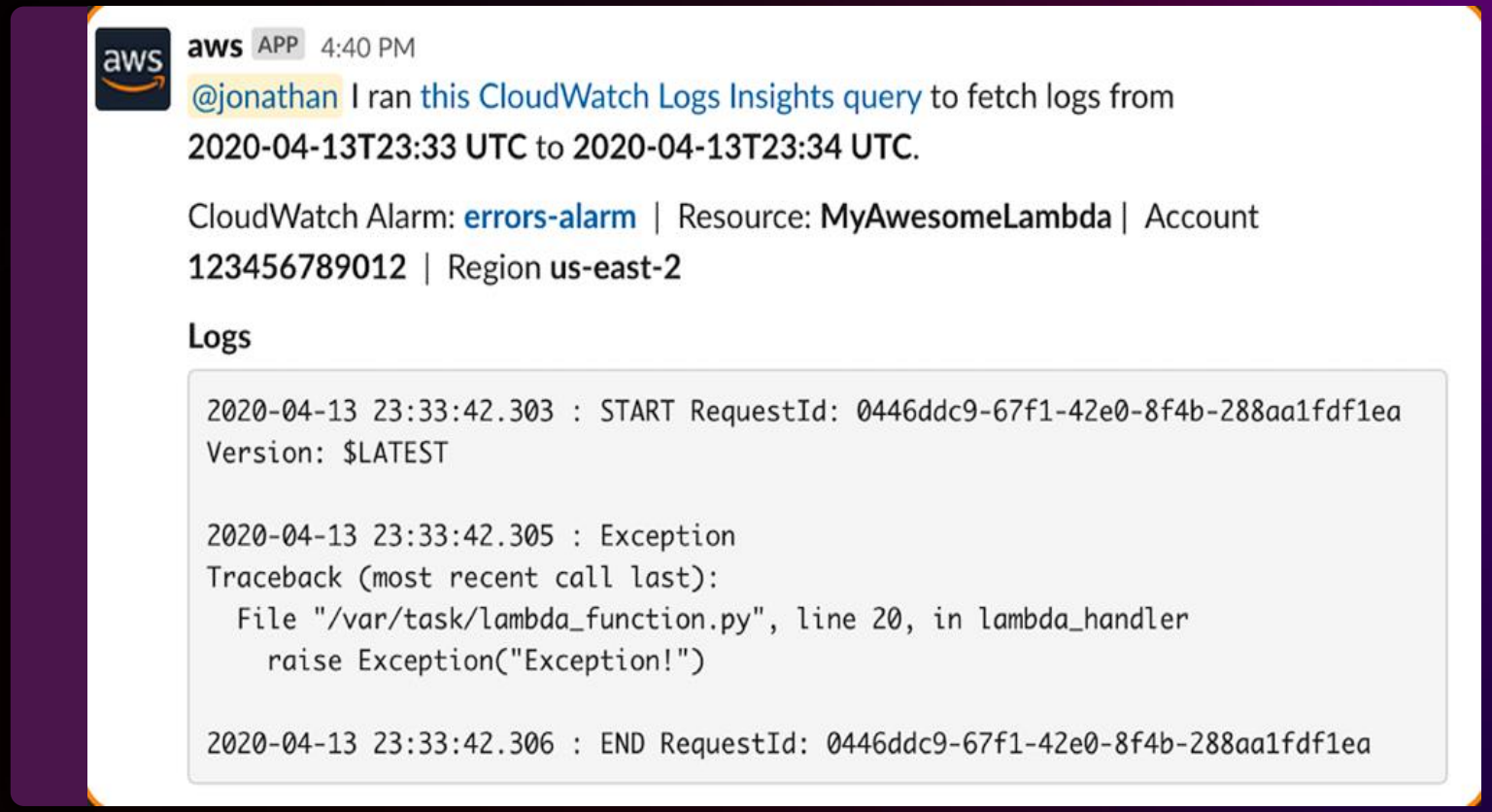
© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Stay on top of cloud spend

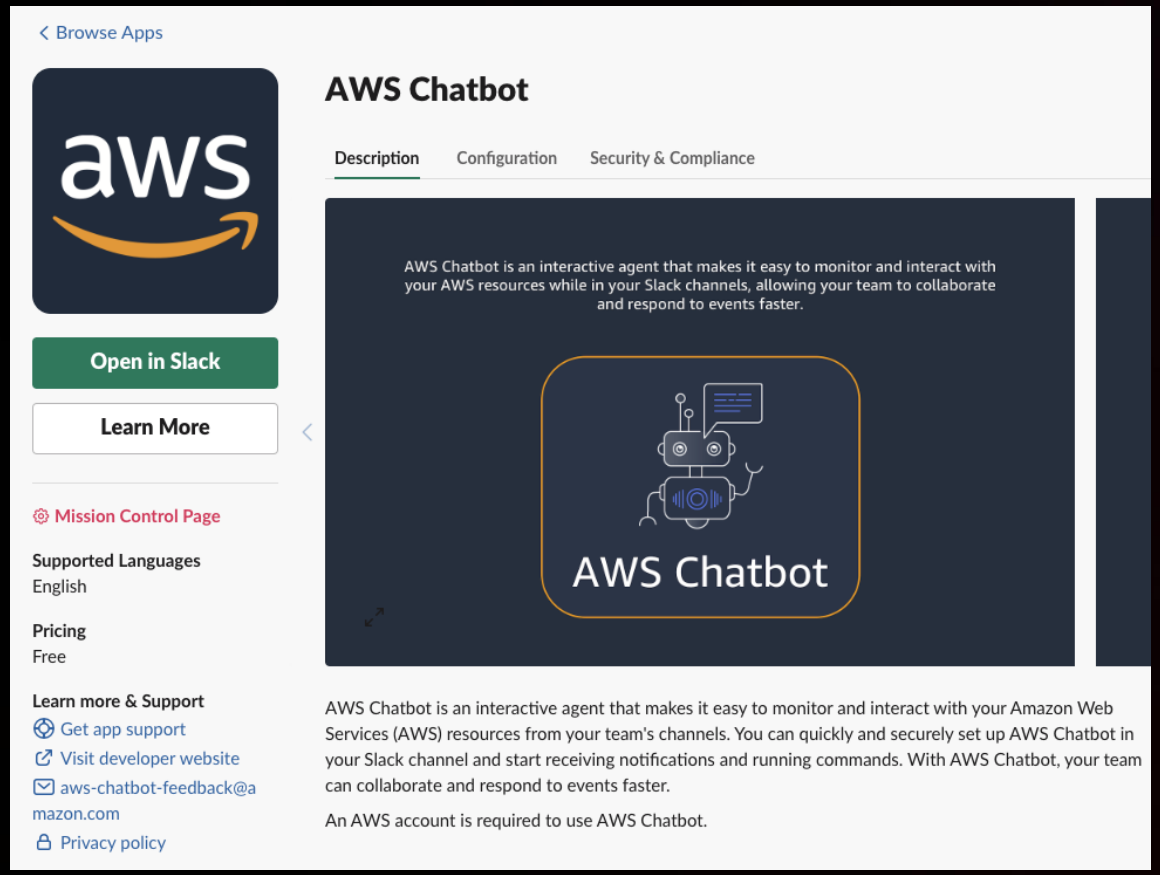


© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Get observability across teams



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.



Integrate the AWS Chatbot for Slack in the Slack App Directory today!

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Thank you!



Please complete the session survey in the **mobile app**

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.