Using CodeDeploy with Lambda

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Prerequisites

CodeDeploy Prerequisites
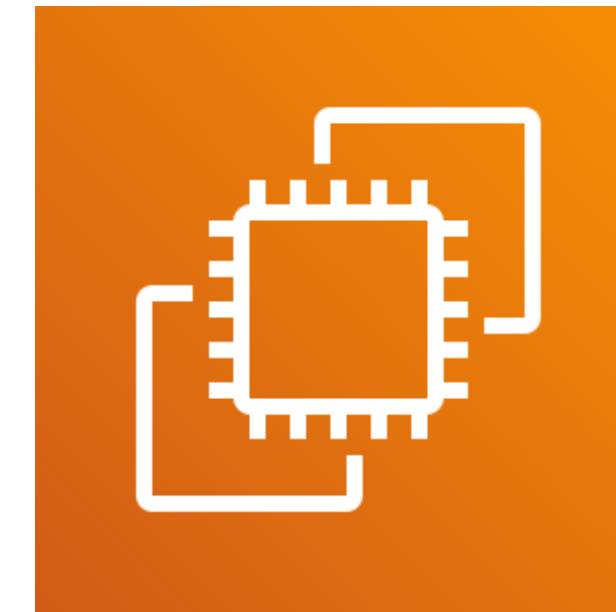
AWS Identity and Access Management
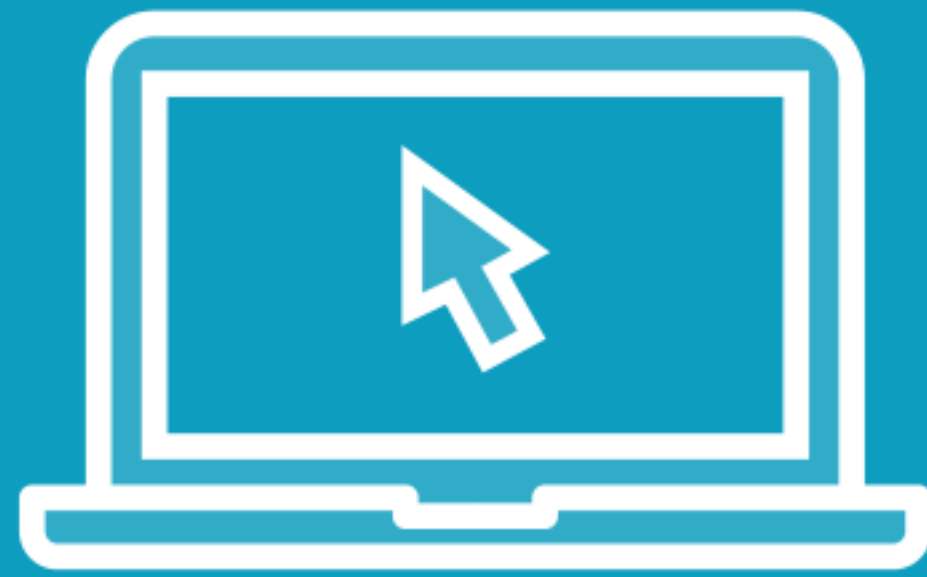
AWS Command Line Interface

Service Role

IAM Instance Profile

SAM CLI

Demo

Prerequisites

‑ Install AWS SAM CLI

Place Holder for pre-reqs

Working with CodeDeploy and Lambda

Demo

CodeDeploy and Lambda

- Download the package SAM app from the course documents

- Deploy the SAM application

- Update the SAM app with a failed validation test

- Update the Lambda function

- Fix the validation test
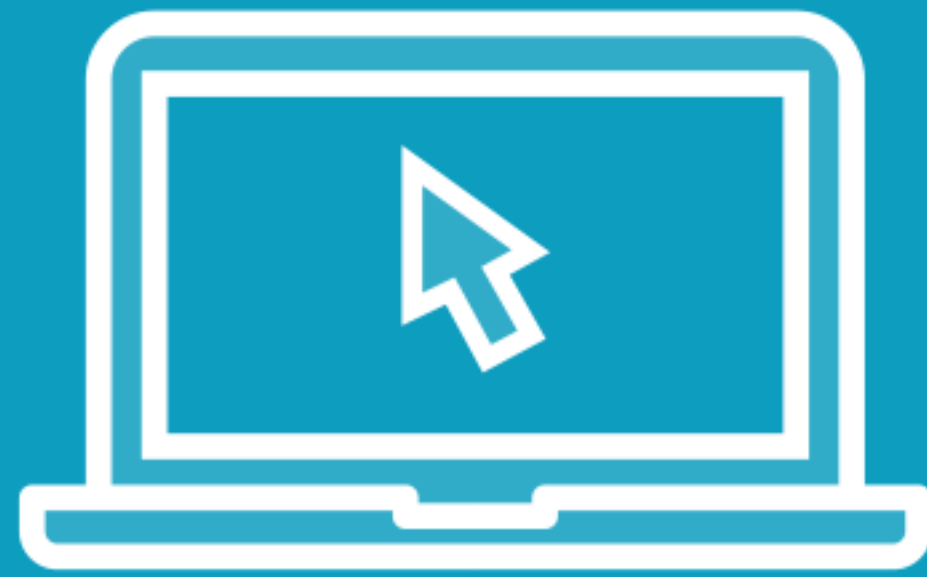
- Redeploy the SAM App

Place Holder for deploying

Troubleshooting AWS CodeDeploy Deployments

Demo

Monitoring with CloudWatch

- How to use CloudWatch Events
- How to view log data for CodeDeploy

Place Holder for monitoring

Summary

CodeDeploy and Lambda:

- Prerequisites

- Deploying to Lambda

- Monitoring and Debugging

Conclusion

What's Next?

Where to go from here:

- Further delve into automation
- CodePipeline
- CodeBuild

"A key mechanism is to automate the management as much as possible, removing error prone, manual operations."

Werner Vogels - CTO AWS

Deploying Code with AWS CodeDeploy

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