

# Arkime In The Cloud

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# Who Am I?

10+ years at Amazon/AWS

5 years on AWS CloudHSM

3 years on AWS Builder Tools

6 months on AWS OpenSearch

# Arkime in AWS

arkime/aws-aio

Demonstrate how Arkime can be used  
in a Cloud-Native manner

Provide a blueprint to build off of

Control plane and data plane

Development and operational tools

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# Solution in AWS

arkime/aws-aio

NOT just a CloudFormation template

Command-Line Control Plane

Infrastructure Definition/Management

Dynamic Configuration

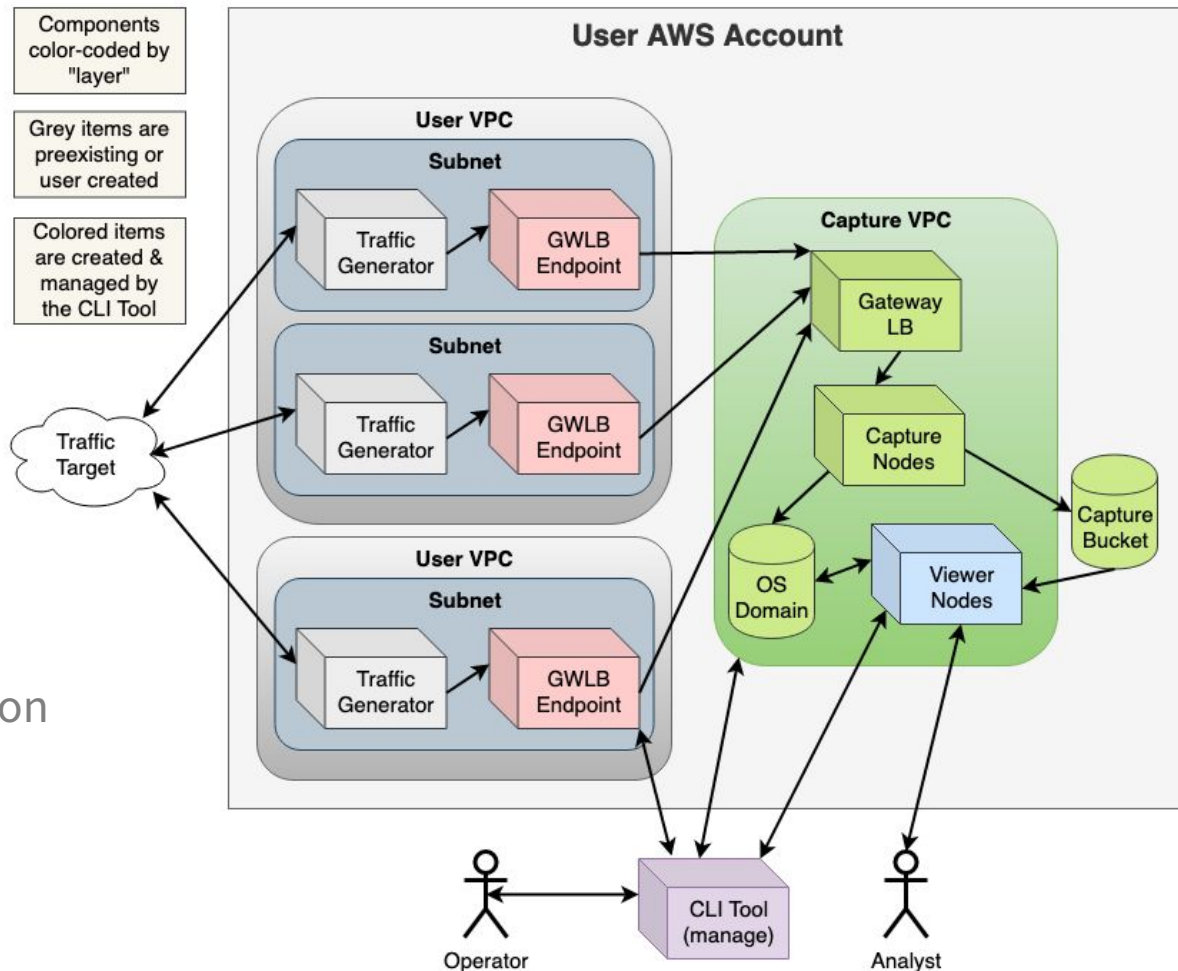
Operational Focus

Development Tooling

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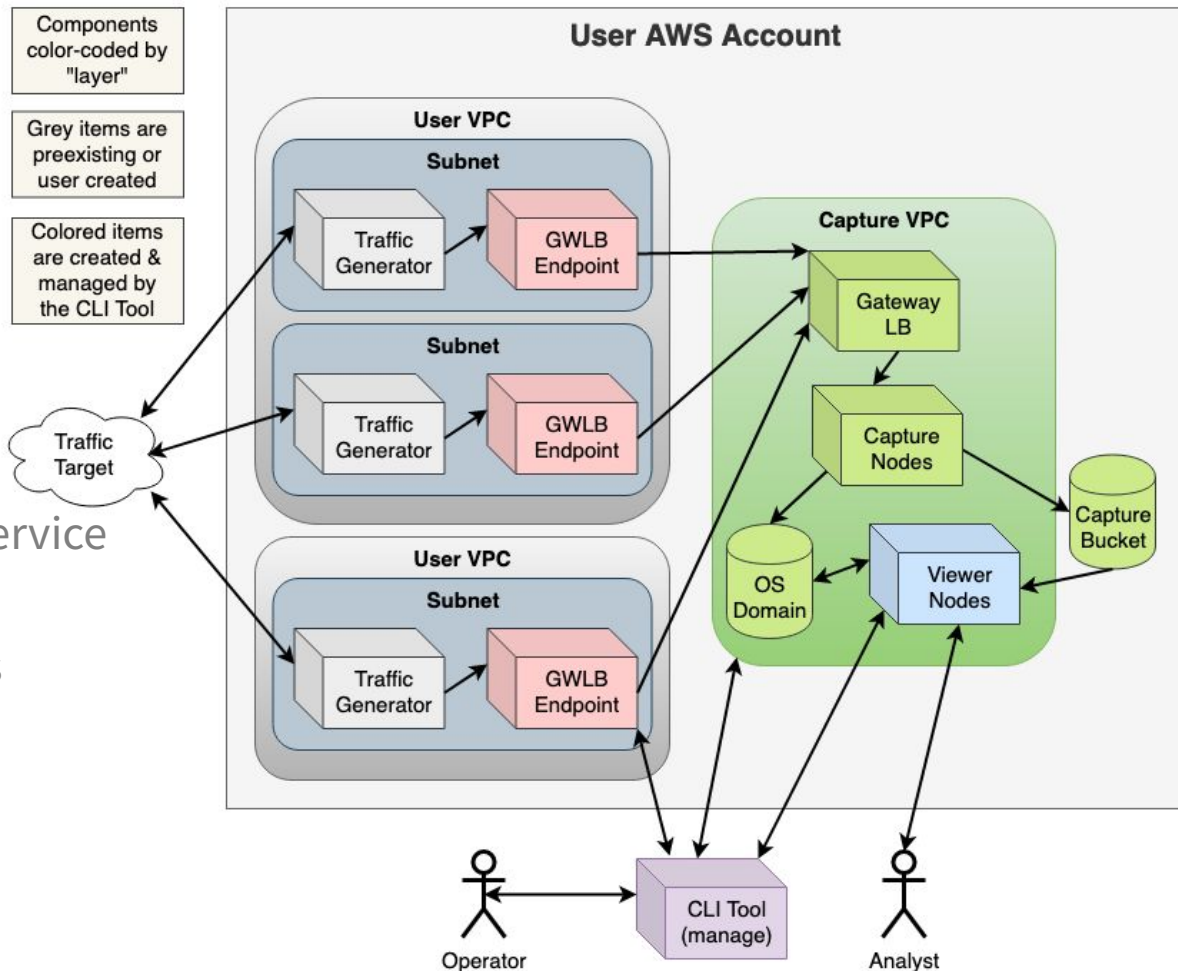
# Components

- Management CLI
- Arkime “Cluster”
- Traffic Mirroring
- Event-based Configuration



# AWS Tech

- Python/Boto
- Cloud Development Kit
- AWS Systems Manager
- AWS Elastic Container Service
- VPC Traffic Mirroring
- Gateway Load Balancers
- AWS EventBridge
- AWS Lambda



DEMO



# Roadmap

Tentative

Improve capture configurability and resilience

One viewer for multiple clusters

Cross-account capture

Cross-region viewer

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**Questions?**