



**NUBEVA**

**Moloch & Amazon VPC Traffic Mirroring**

# What Am I Presenting?

- Complete cloudformation template for AWS installation of Moloch
- Preview of official AWS Quickstart
- Core Requirements:
  - Cloud native components that can all autoscale independently
  - Decouple Elasticsearch from capture & viewer
  - Centralize all packet storage on S3
  - Allow for multi-viewer support
  - Allow for installation into new & existing VPCs

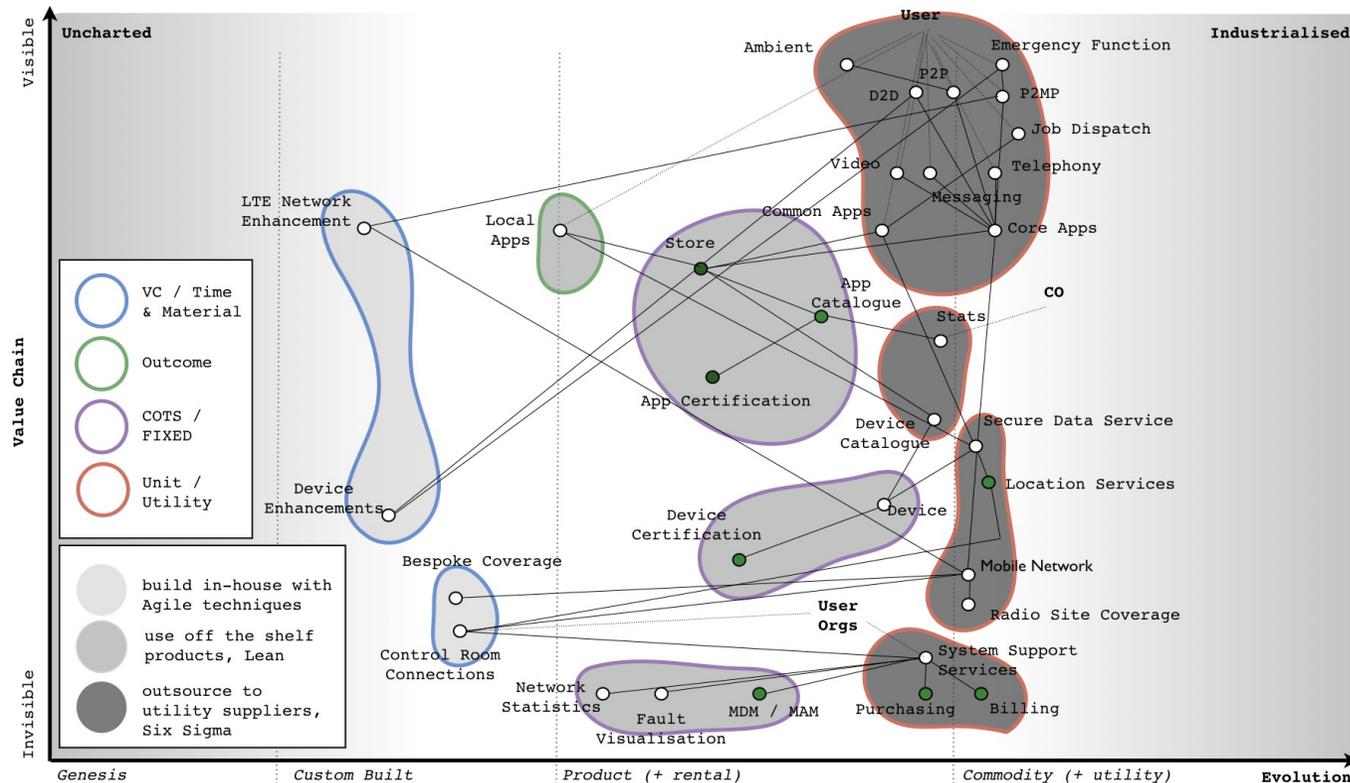
# Who Am I?

- Erik Freeland
- @ejfreeland erik@nubeva.com
- 25+ years in computing, networking, & security.
- Working on Banyan Vines to AWS
- Currently Director of Customer Success for Nubeva
- Nubeva has solved OOB TLS Decryption in the “cloud”



# Why Should I Care?

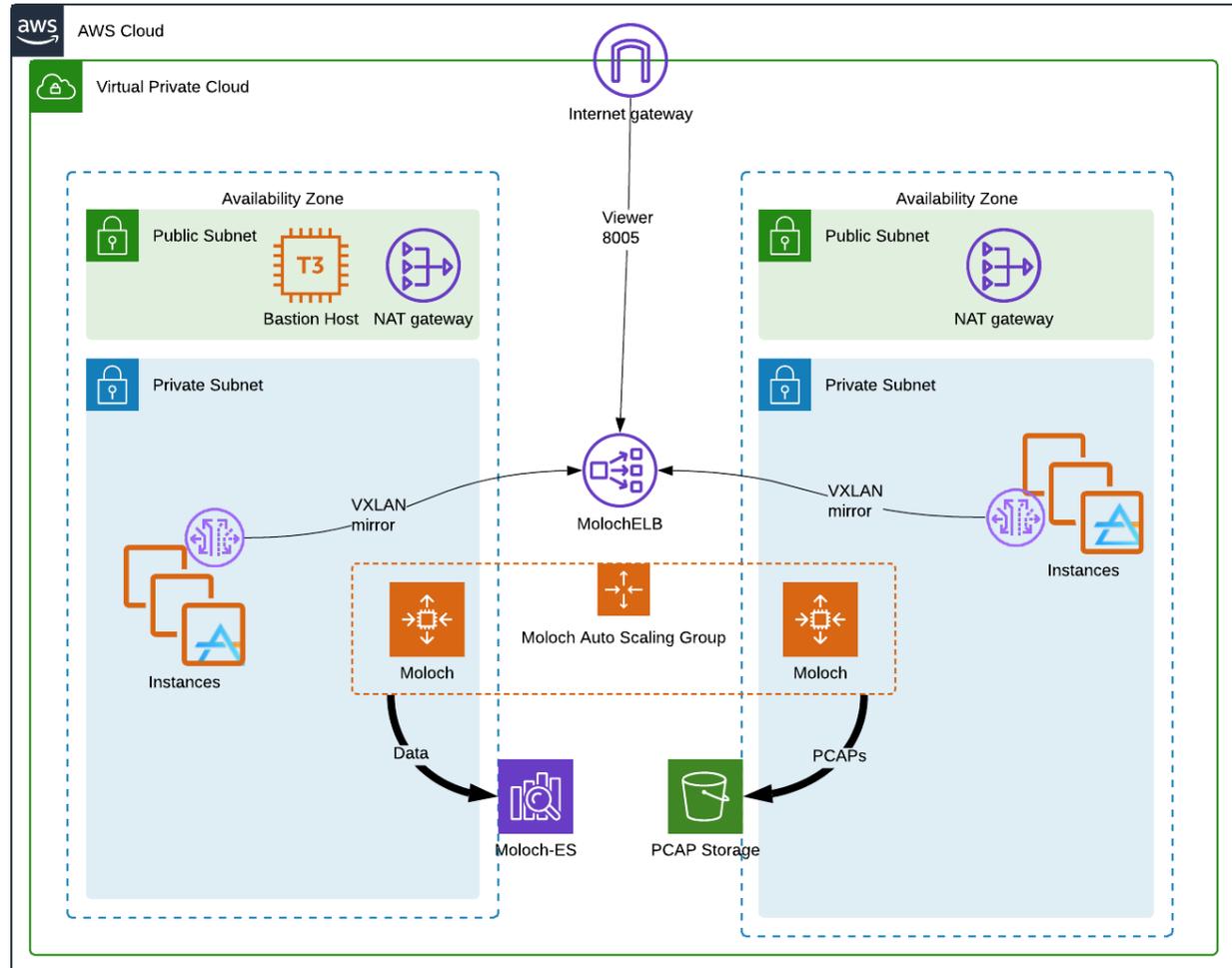
- <https://medium.com/wardleymaps>





# Actual Demo Diagram

## MOLOCH ARCHITECTURE



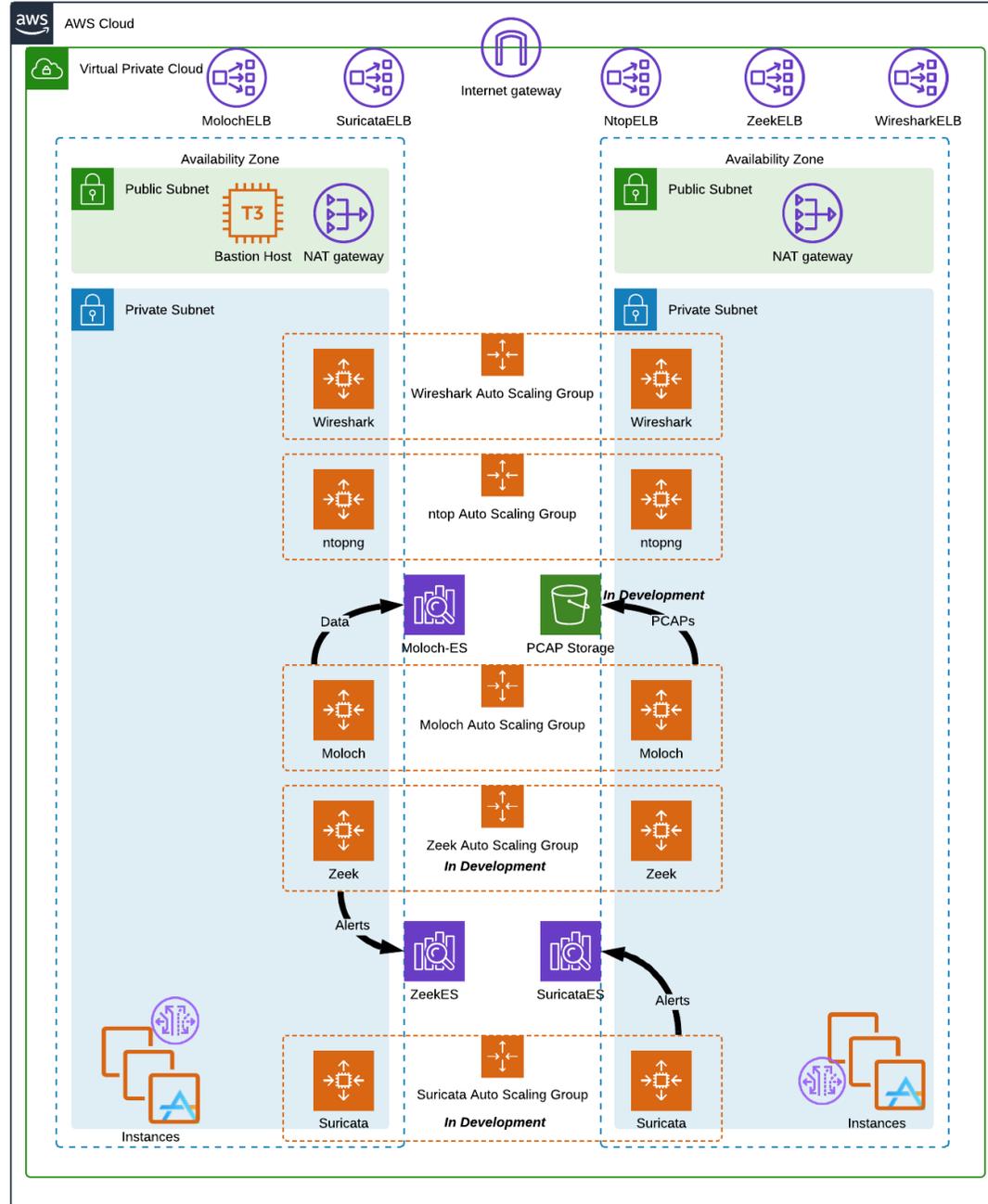
# Availability

- Now
- [www.nubeva.com](http://www.nubeva.com)
- New VPC -  
<https://nubevalabs.s3.amazonaws.com/quickstart/templates/nubeva-master.template.yaml>
- Existing VPC -  
<https://nubevalabs.s3.amazonaws.com/quickstart/templates/nubeva.template.yaml>

# But Wait There's More



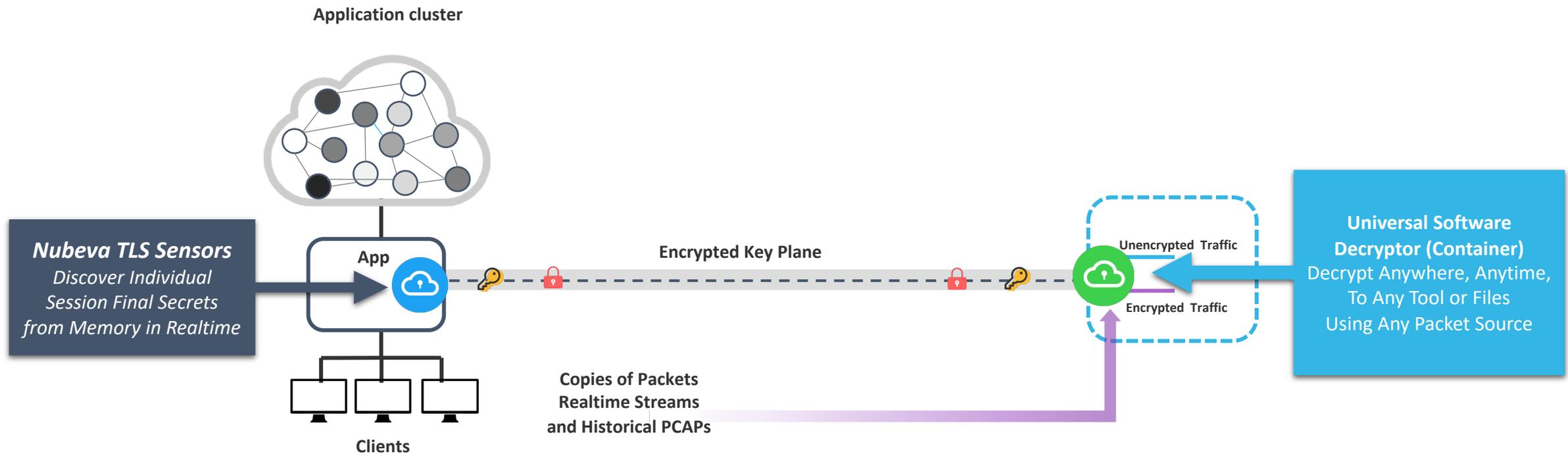
# AWS/NUBEVA QUICKSTART ARCHITECTURE



# But Wait There's More



# Nubeva TLS Decryption





**NUBEVA**

**Thanks**