Pragmatic Site Reliability Engineering for Kubernetes in the Cloud

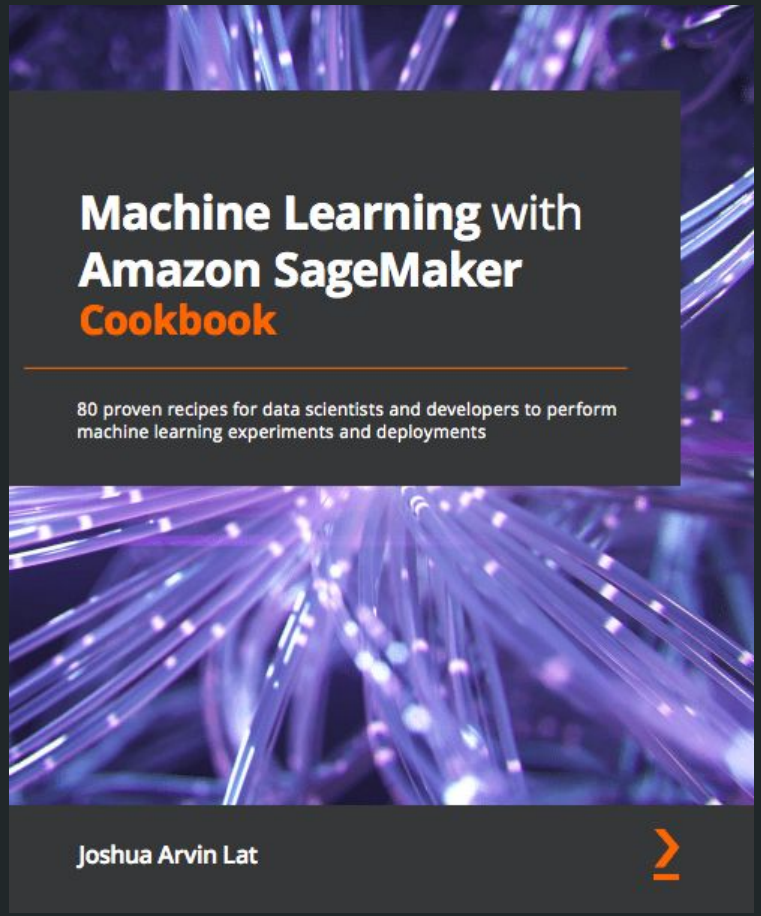
Site Reliability Engineering 2021

aws

machine learning

HERO

- **Chief Technology Officer** of NuWorks Interactive Labs
- AWS Machine Learning Hero
- Author of 📖 **Machine Learning with Amazon SageMaker Cookbook**

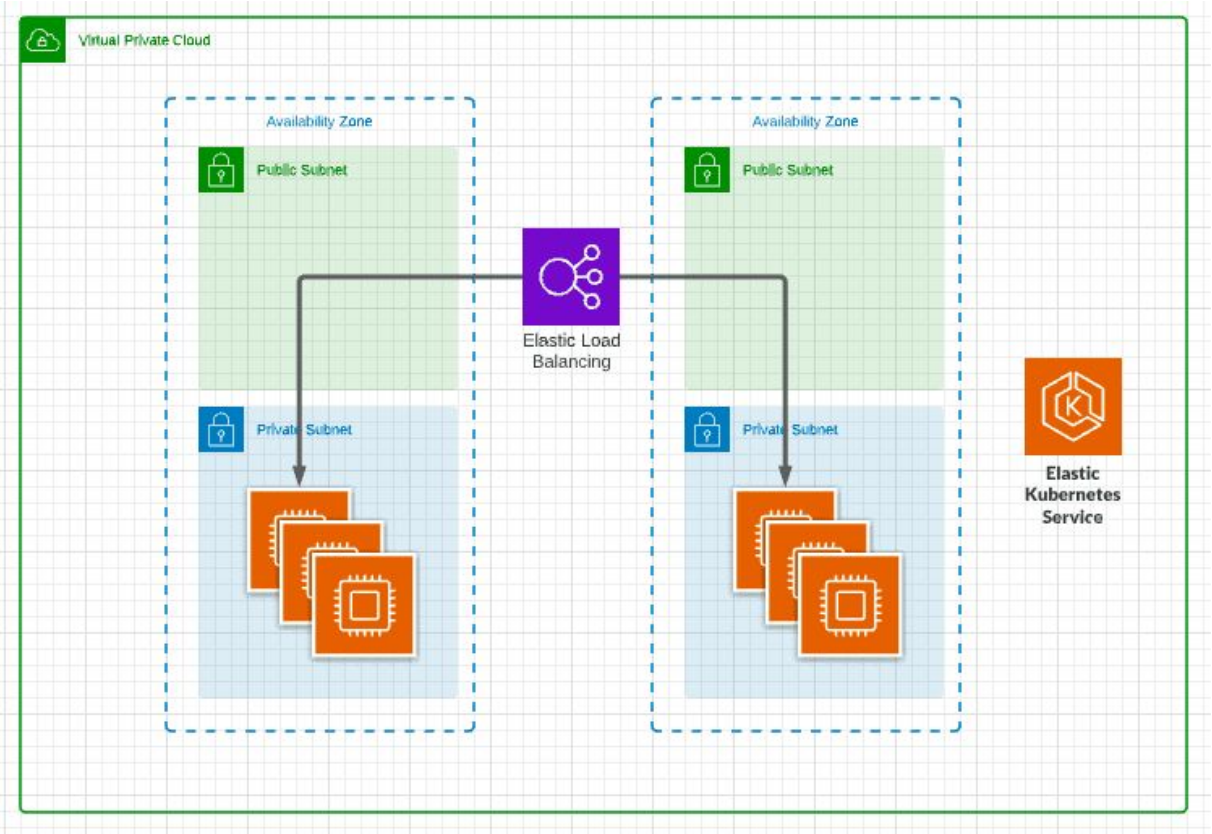


Author of 📖

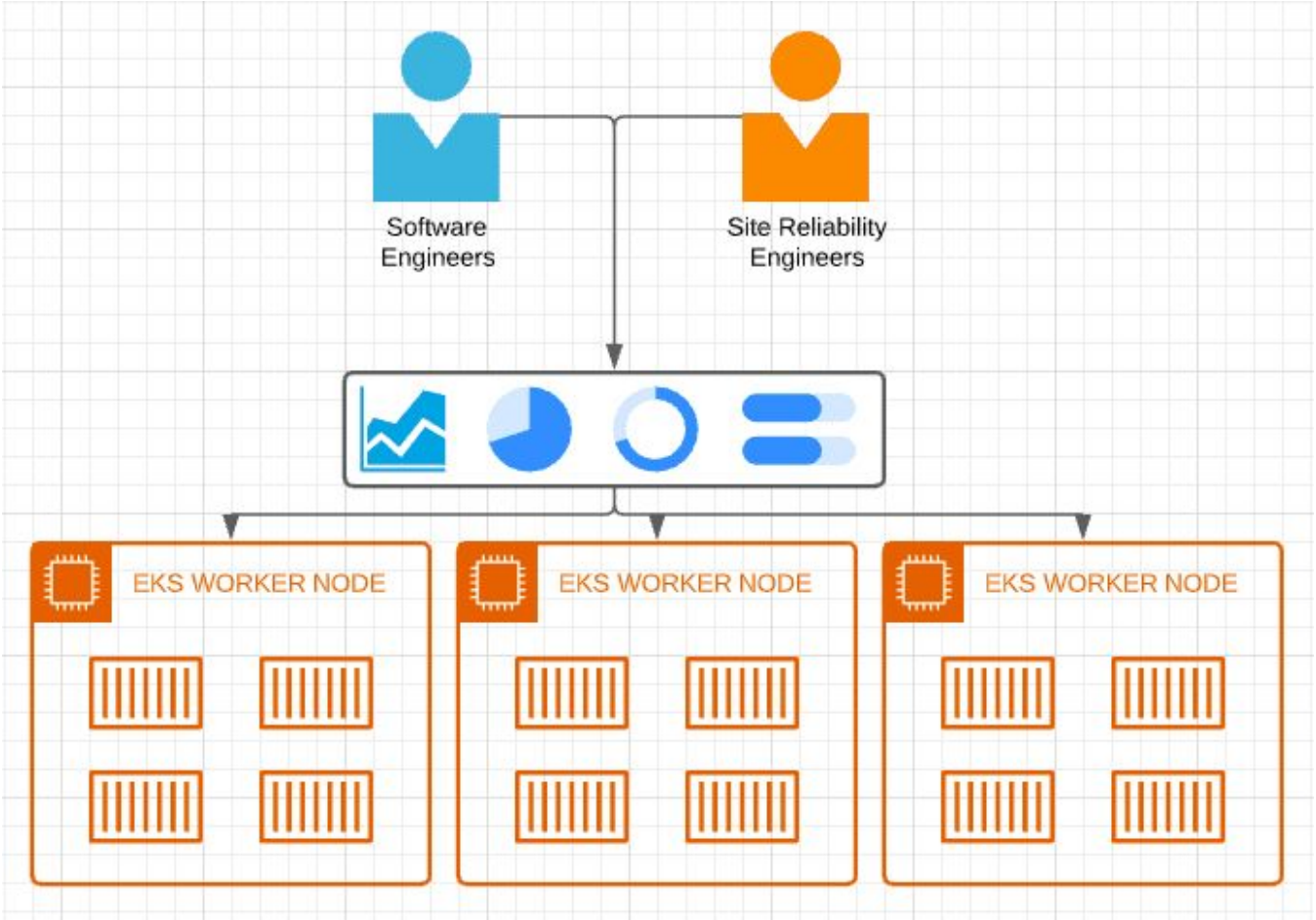
Machine Learning with Amazon SageMaker Cookbook

80 proven recipes for data scientists and developers to perform machine learning experiments and deployments

FIND WAYS TO VISUALIZE AND KNOW WHAT'S HAPPENING INSIDE



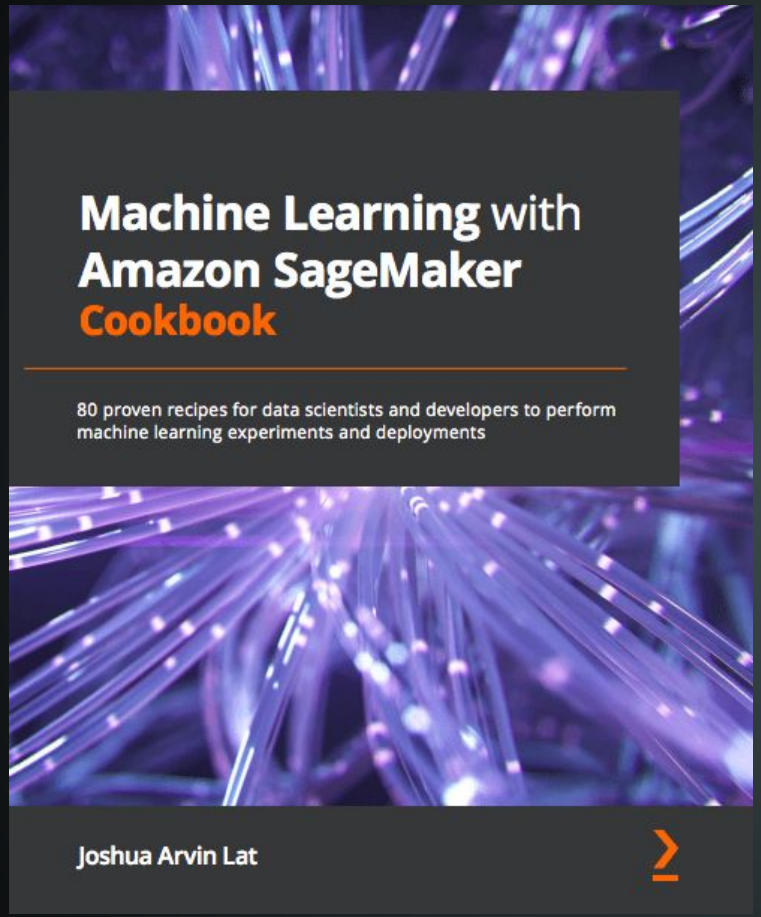
FIND WAYS TO VISUALIZE AND KNOW WHAT'S HAPPENING INSIDE




11
12
1
10

LET'S PLAY A

GAME!



LINK: https://packt.link/OTDiz

CODE: 25Joshua

VALIDITY: OCT 22, 2021 - DEC 31, 2021

25% OFF (EBOOK)

SERVICE-LEVEL INDICATOR

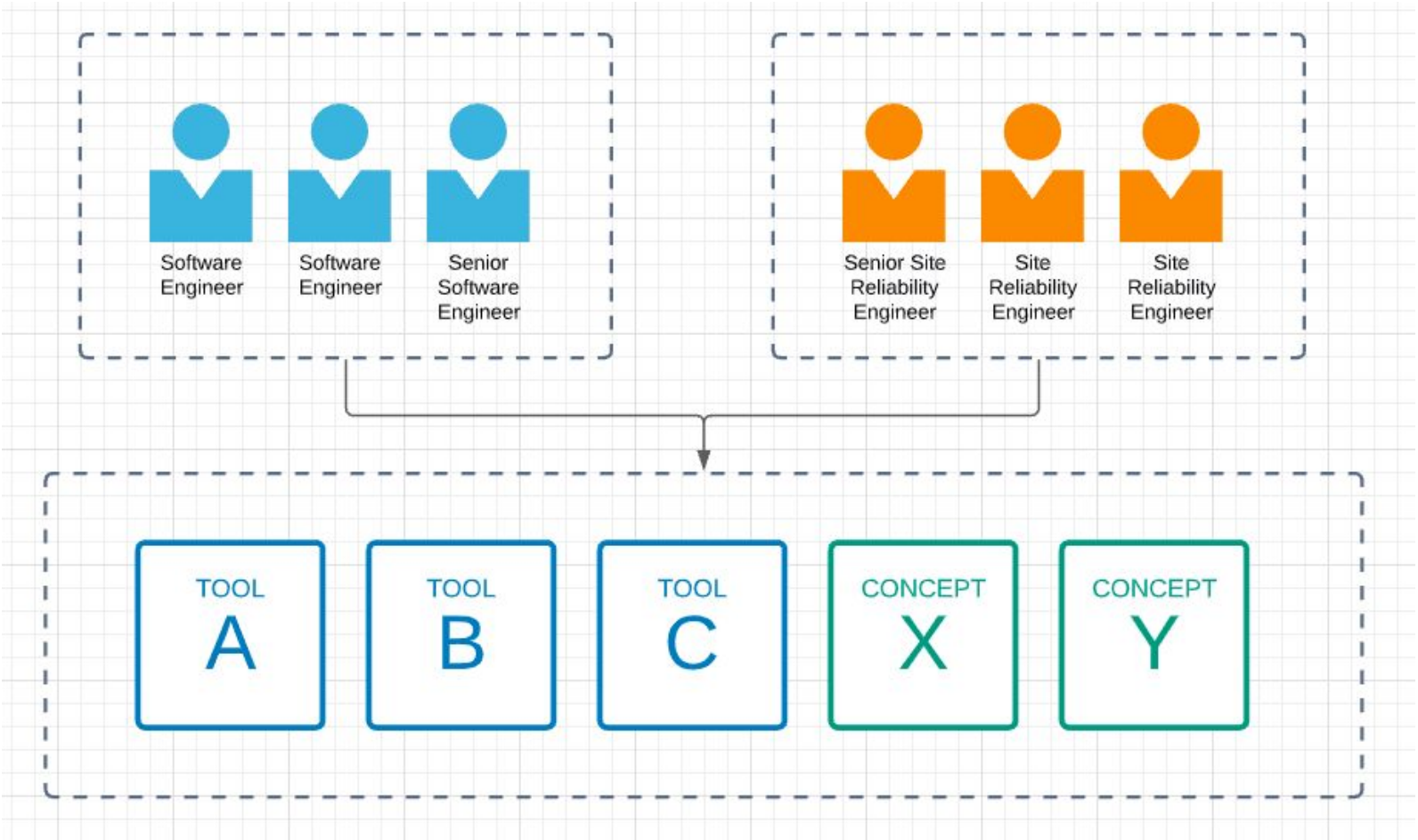
SERVICE-LEVEL OBJECTIVE

SERVICE-LEVEL AGREEMENT

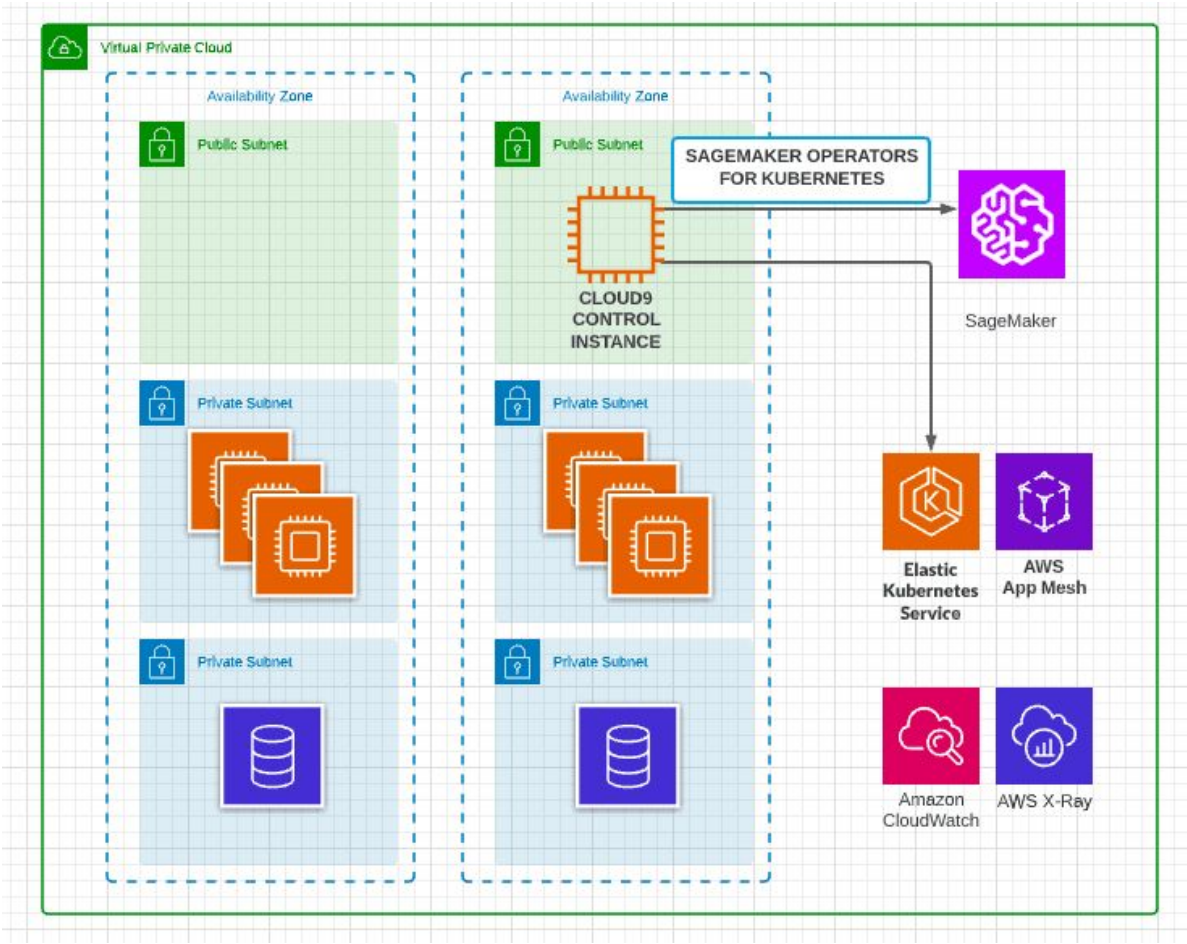
KNOW THE OPTIONS AND ALTERNATIVES

AWS App Mesh

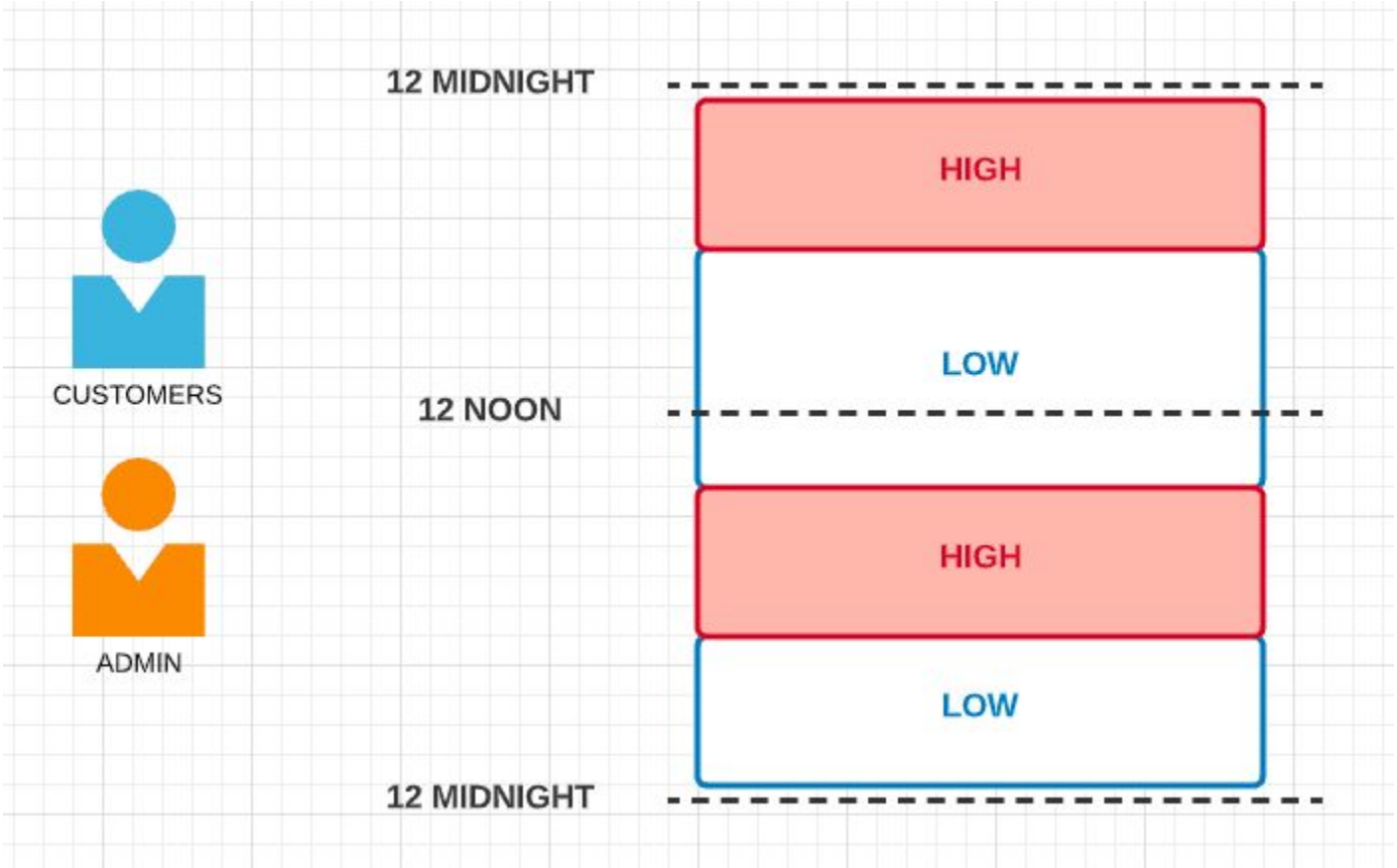
USING TOOLS DO NOT AUTOMATICALLY SOLVE THE PROBLEM



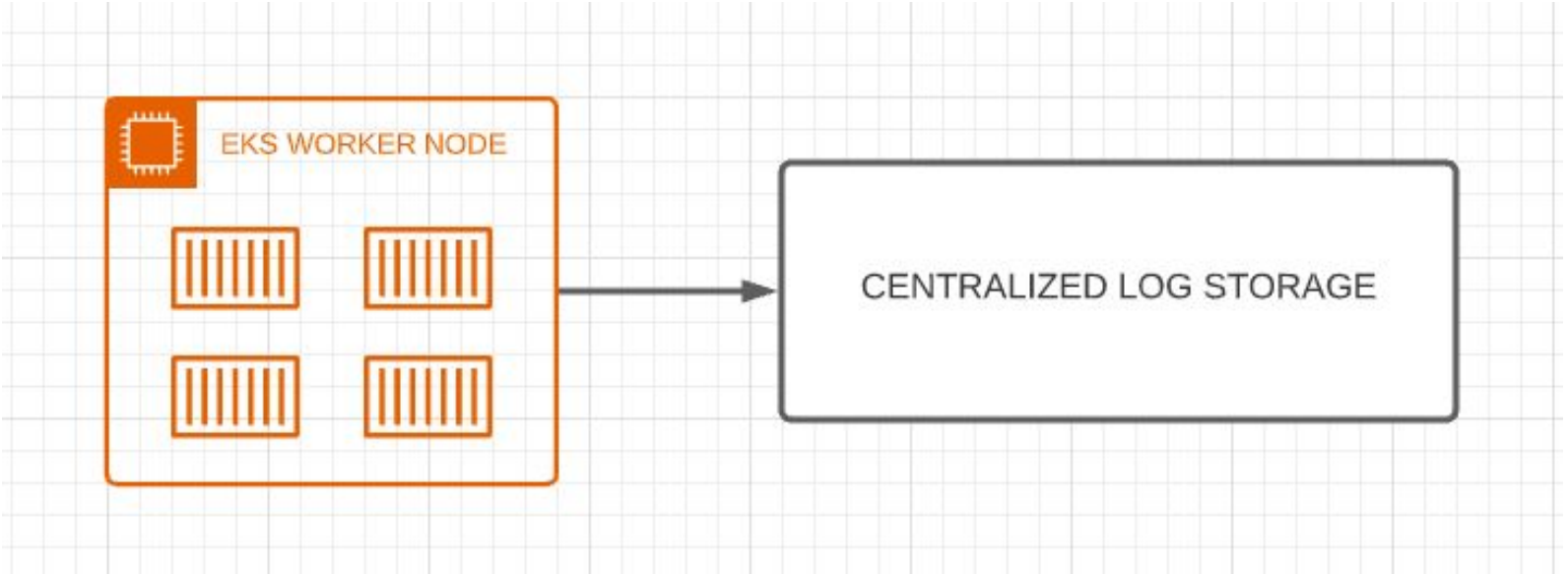
NOT EVERYTHING NEEDS TO BE STORED INSIDE THE KUBERNETES CLUSTER



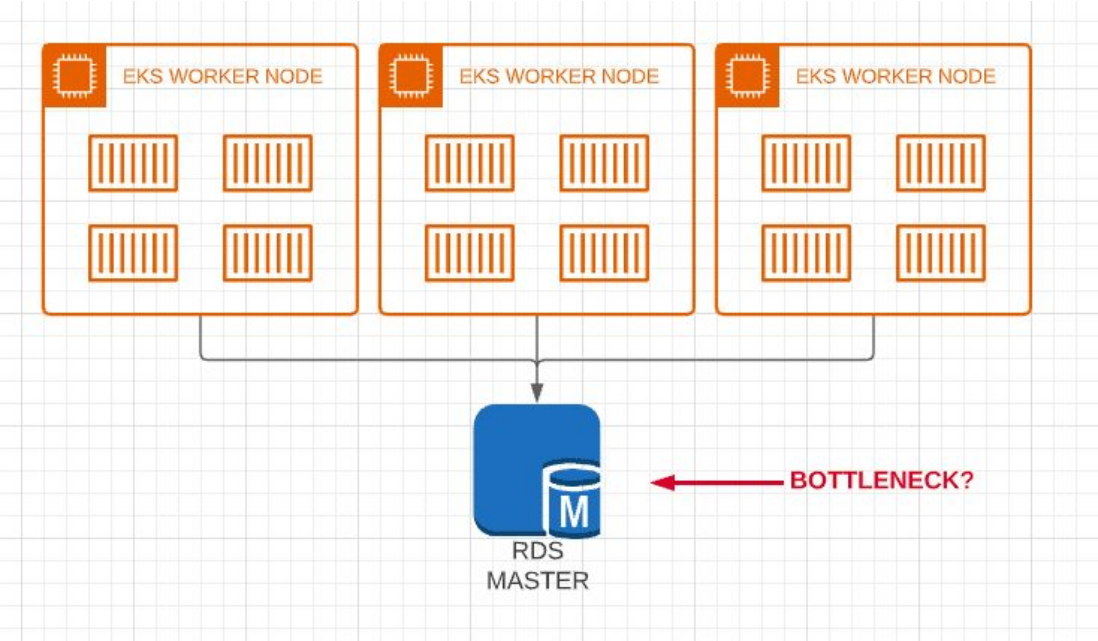
KNOW WHO THE TARGET USERS ARE AND UNDERSTAND THEIR BEHAVIOR



MANAGE THE OVERALL COST OF STORING, MANAGING, AND SEARCHING THE LOGS



UNDERSTAND THE WEAKEST LINKS IN YOUR SYSTEM



SUDDEN INCREASE IN LATENCY

HIGH CPU

PACKET LOSS

NODE FAILURE

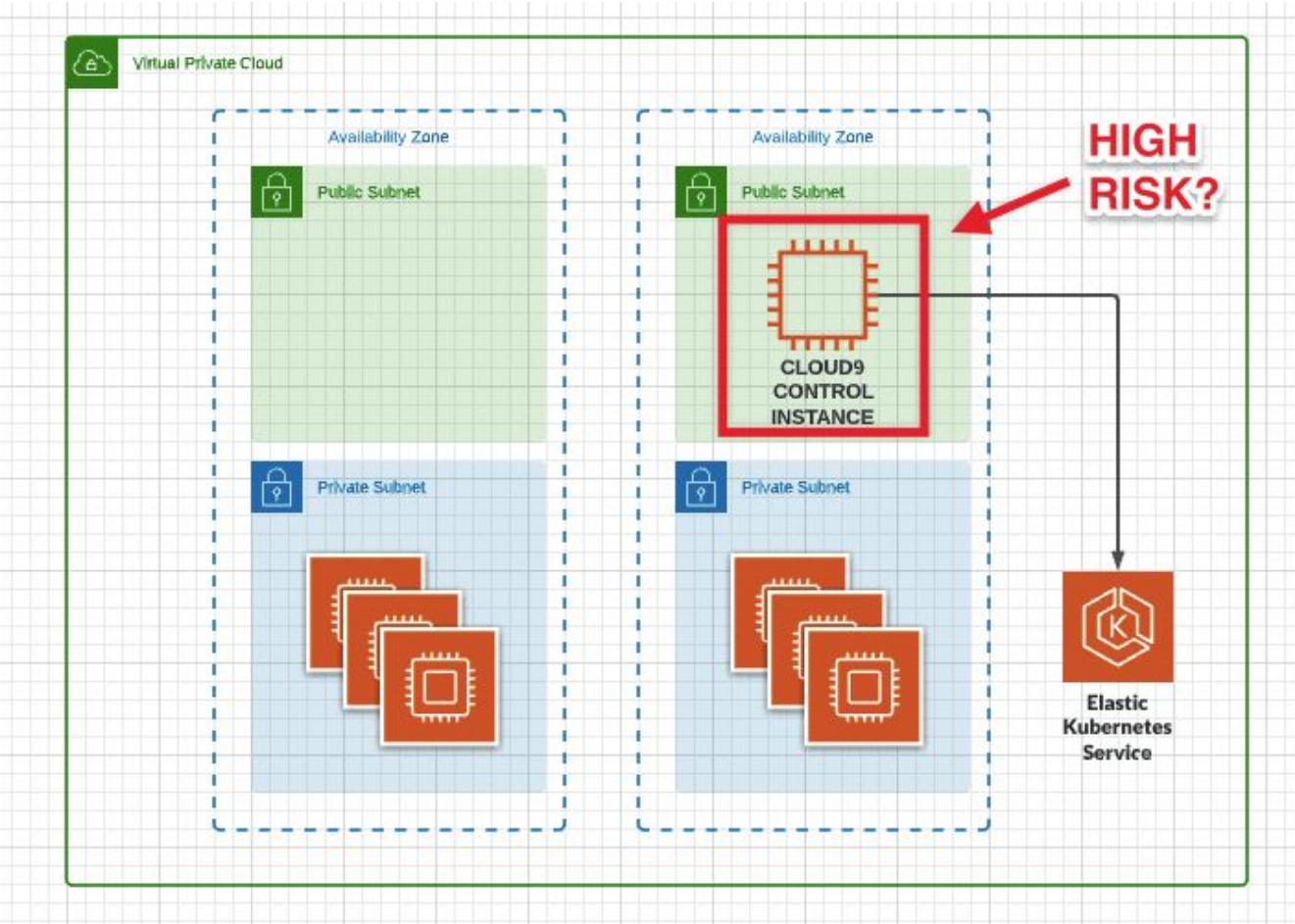
COMMON FAILURE MODES?

UNAVAILABLE REGION

CPU THROTTLING

SERVICE FAILURE

MANAGE THE SECURITY RISKS



PLANNING WHEN THERE IS MINIMAL PRESSURE

PLANNING WHEN THERE IS AN EMERGENCY

Pragmatic Site Reliability Engineering for Kubernetes in the Cloud

Site Reliability Engineering 2021