What do I do with Legacy Applications?

Kevin Murakoshi
Principal Solutions Architect
December 6, 2022

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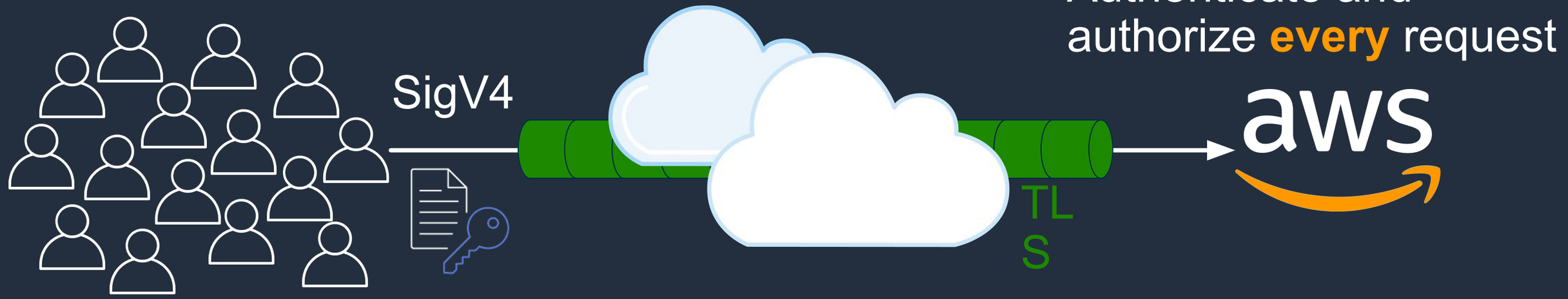
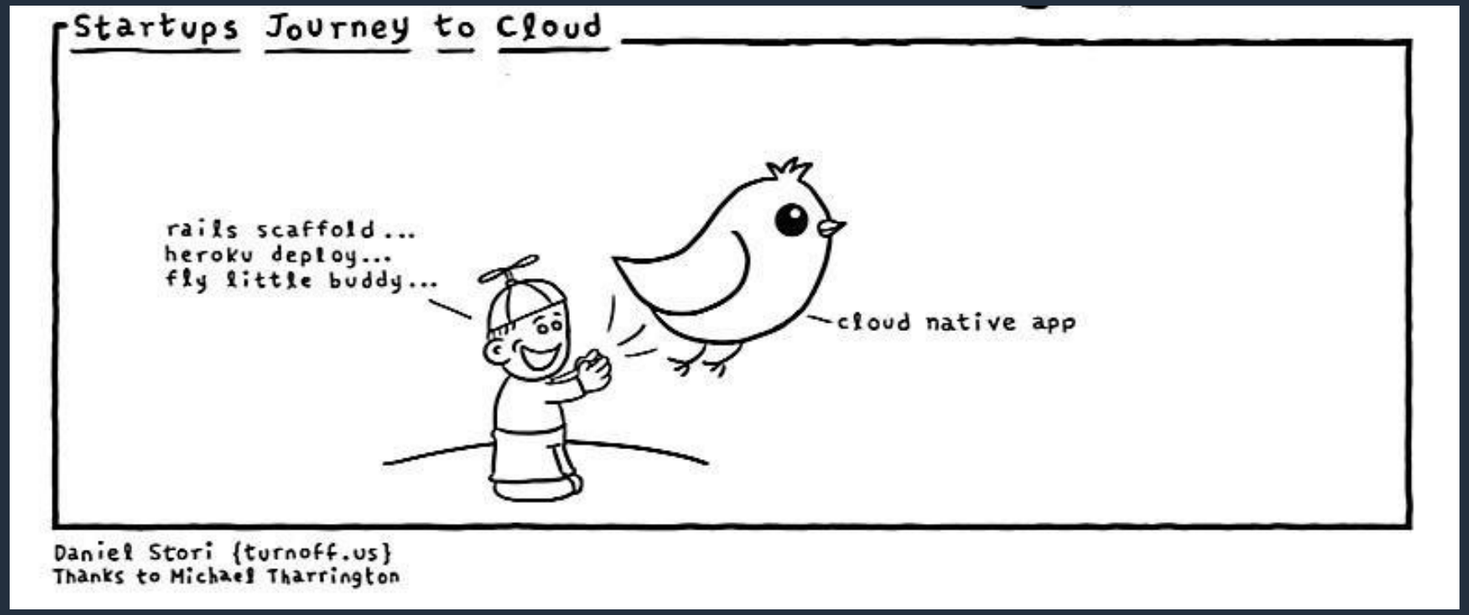
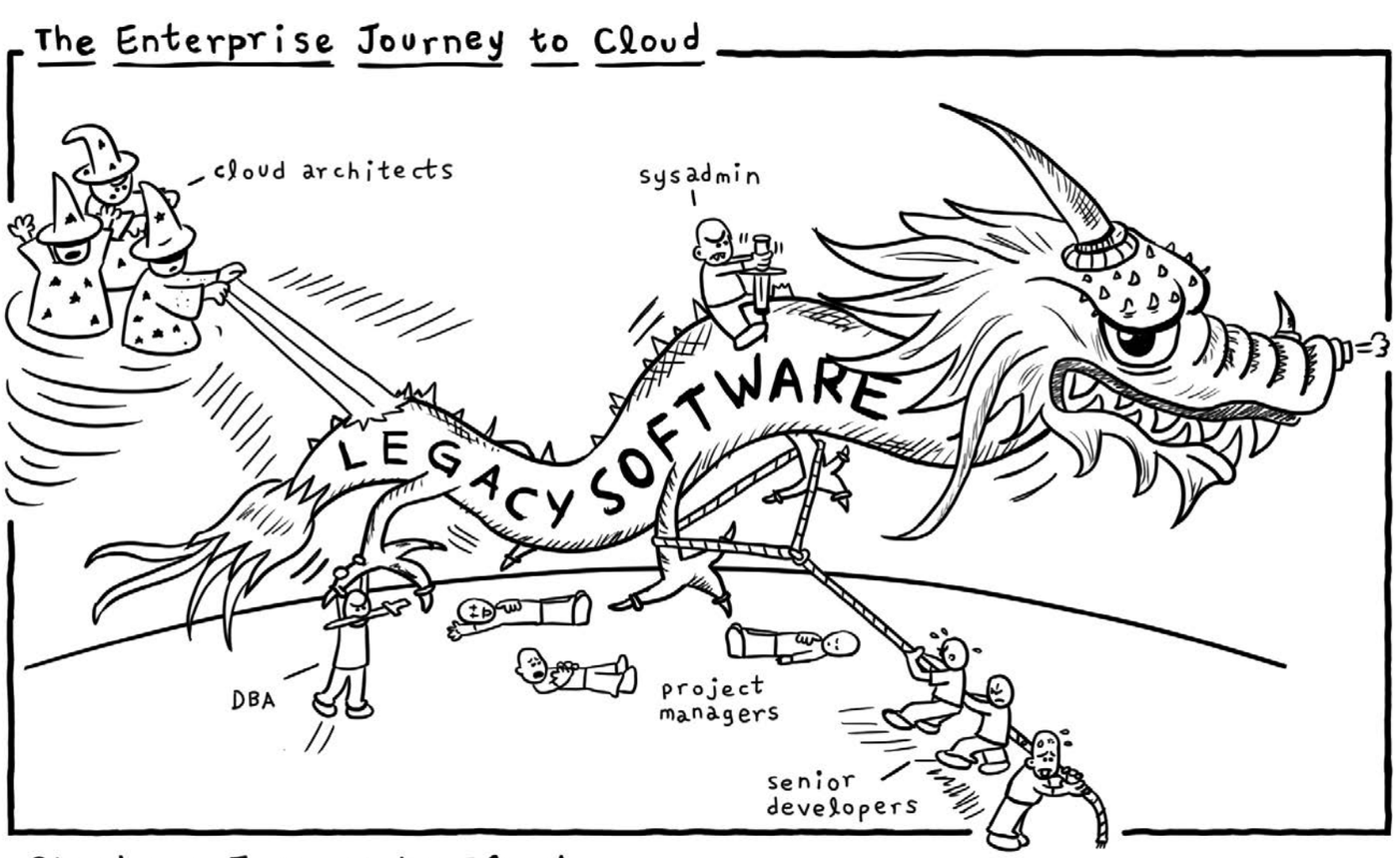
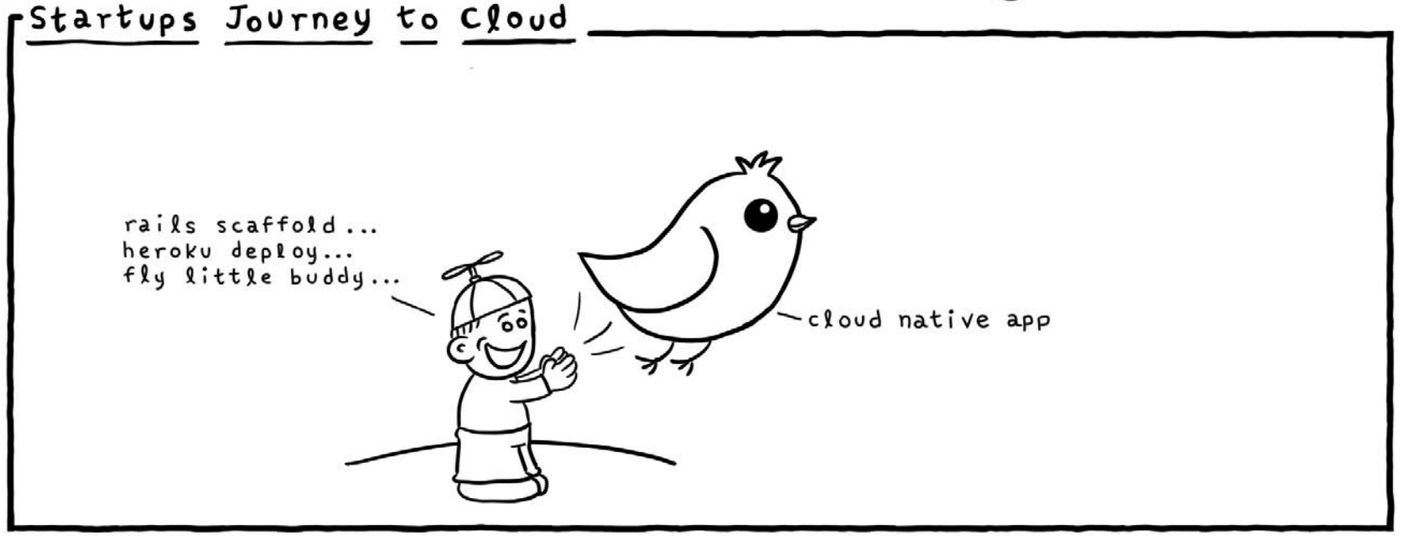
If Everything just talked to Cloud APIs…



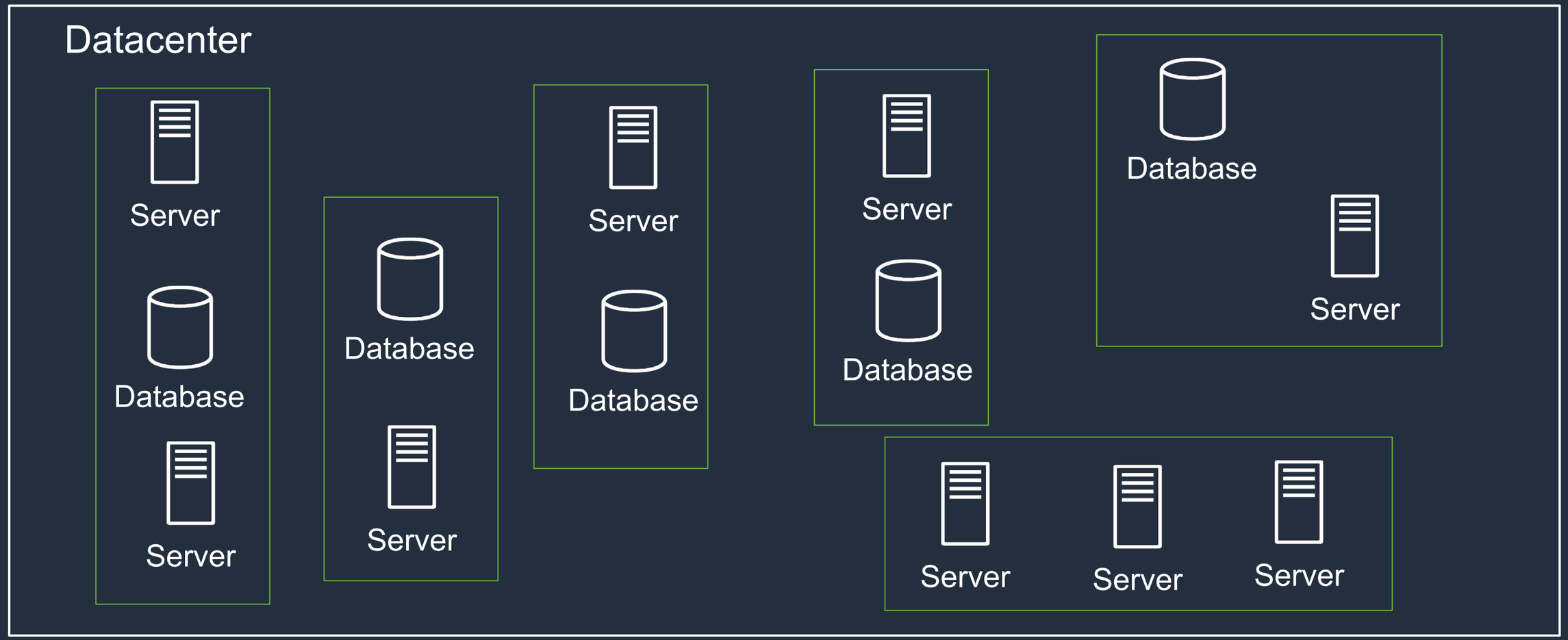

Startups Journey to Cloud
rails scaffold...
heroku deploy...
fly little buddy...
cloud native app
Daniel Stori {turnoff.us}
Thanks to Michael Tharrington



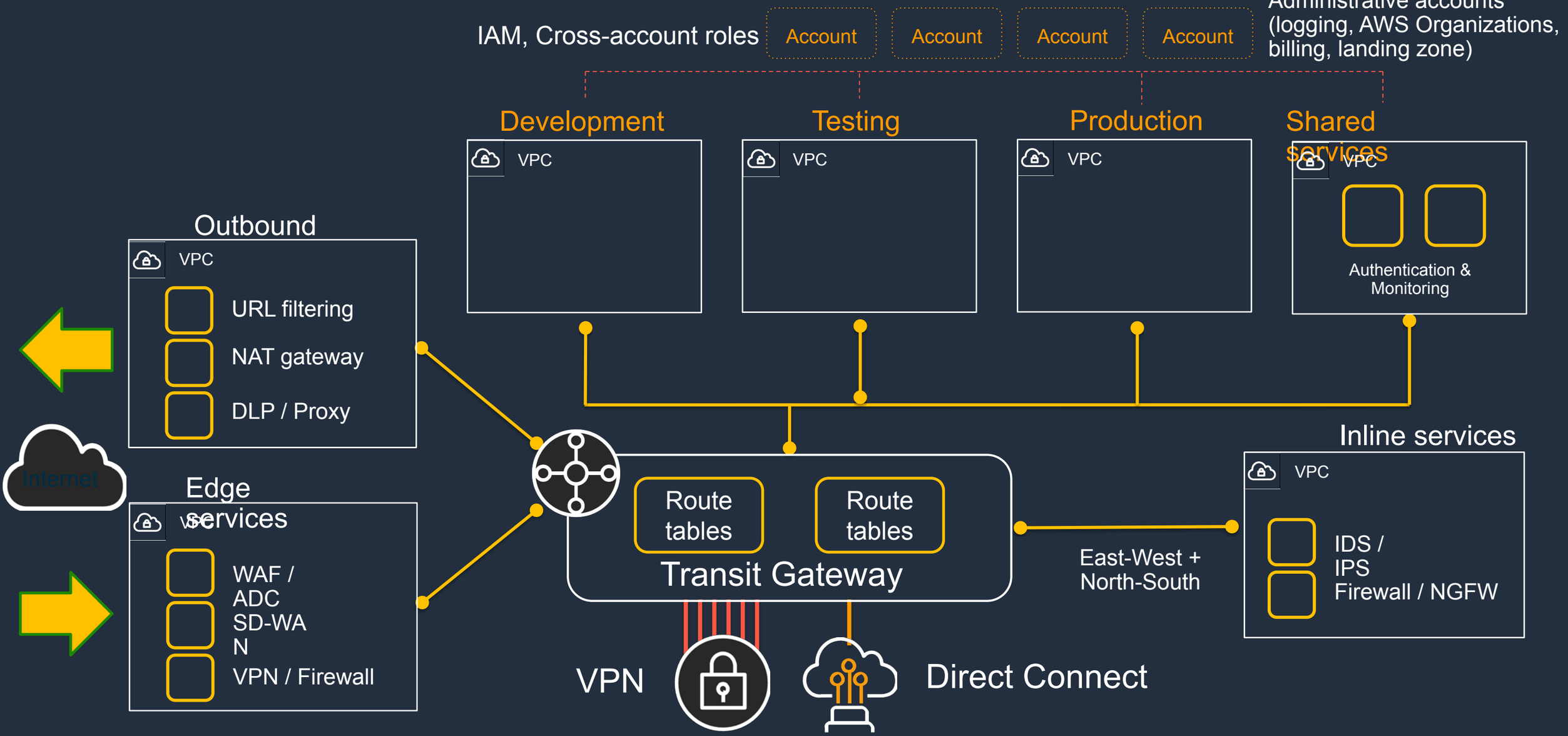


Daniel Stori {turnoff.us}
Thanks to Michael Tharrington

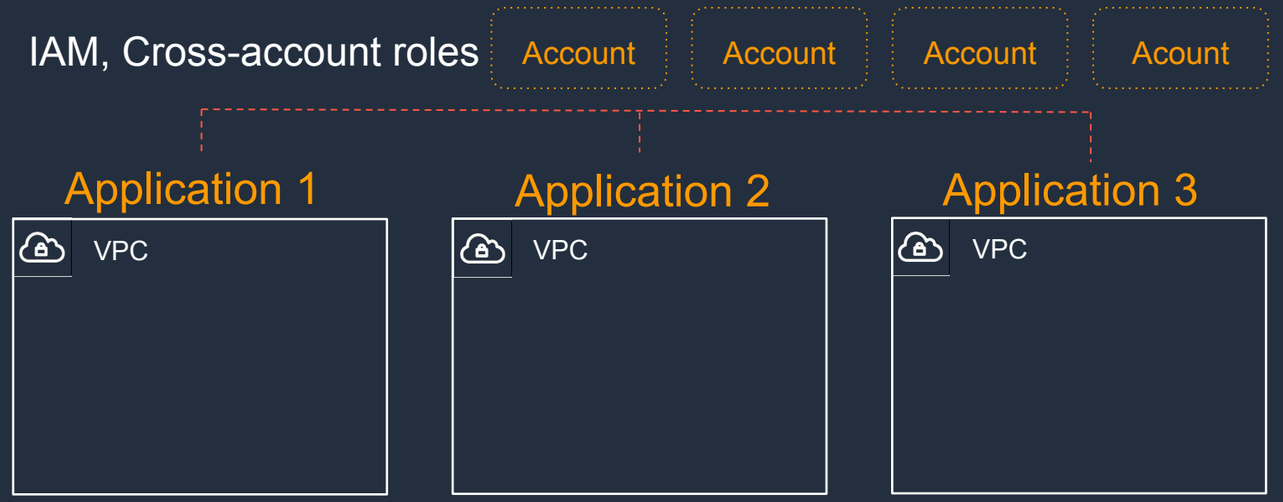
But what I have is…



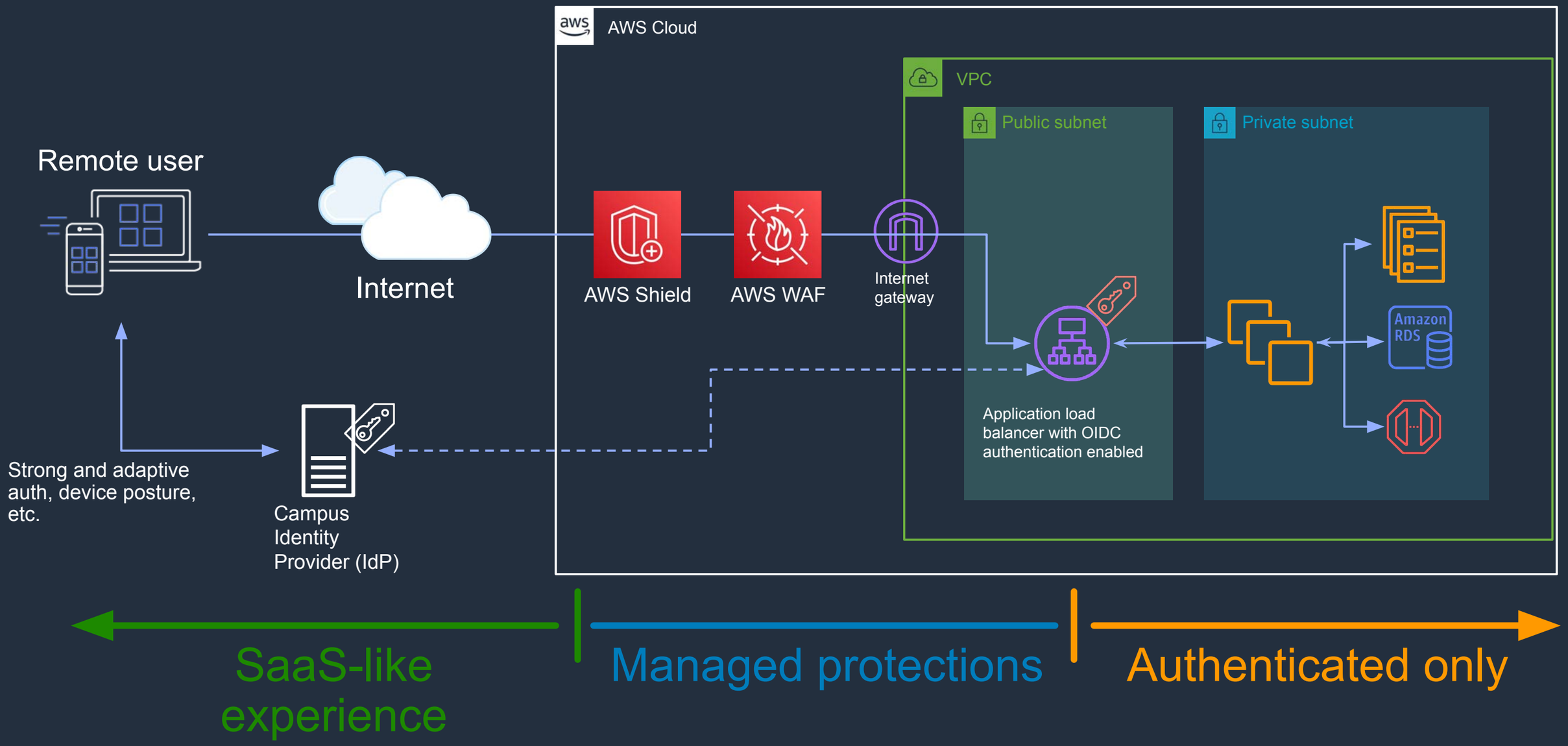
AWS Transit Gateway Reference Architecture



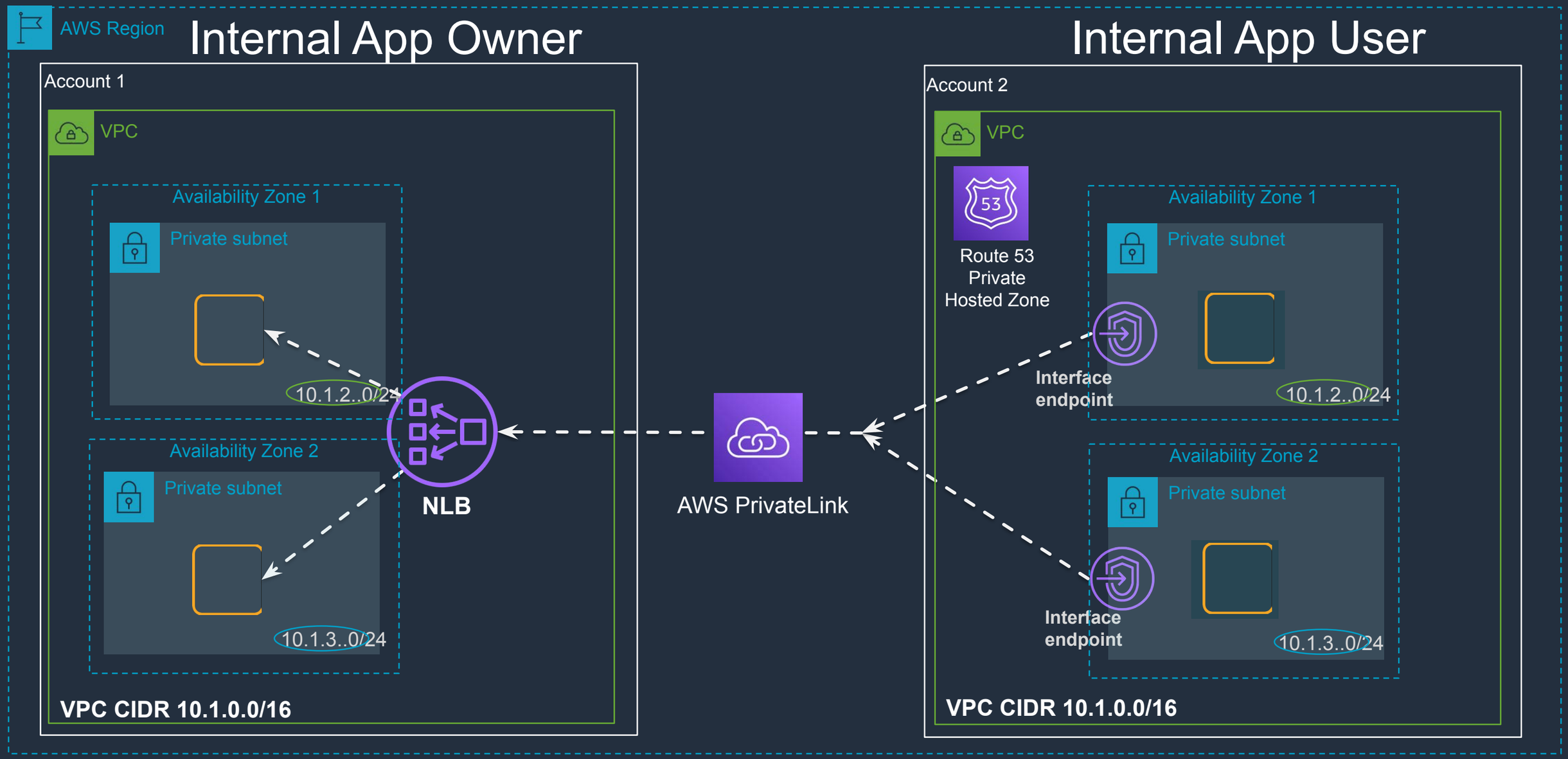
What if that was just this…



What's inside?



Secure Access to Internal Apps Across VPCs/Accounts



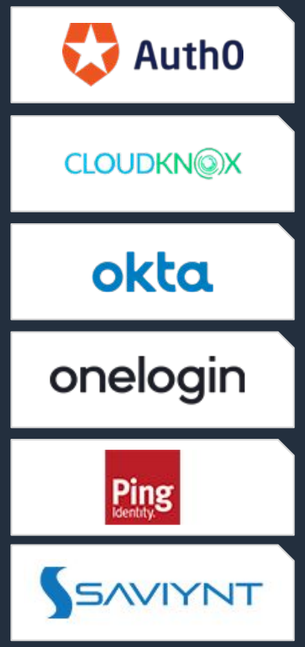
All our favorite tools!

Network and infrastructure security

Host and endpoint security

Application security

Identity and access control



Vulnerability and configuration analysis

Data protection and encryption

Logging, monitoring, SIEM, threat detection, and analytics

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AWS security, identity, and compliance solutions

Identity and access management

AWS Identity and Access Management (IAM)

AWS IAM Identity Center (successor to AWS SSO)

AWS Organizations

AWS Directory Service

Amazon Cognito

AWS Resource Access Manager

Detective controls

AWS Security Hub

Amazon GuardDuty

Amazon Inspector

Amazon CloudWatch

AWS Config

AWS CloudTrail

VPC Flow Logs

AWS IoT Device Defender

Infrastructure protection

AWS Firewall Manager

AWS Network Firewall

AWS Shield

AWS WAF

Amazon VPC

AWS PrivateLink

AWS Systems Manager

Data protection

Amazon Macie

AWS Key Management Service (KMS)

AWS CloudHSM

AWS Certificate Manager

AWS Secrets Manager

AWS VPN

Server-Side Encryption

Incident response

Amazon Detective

Amazon EventBridge

AWS Backup

AWS Security Hub

AWS Elastic Disaster Recovery

Compliance

AWS Artifact

AWS Audit Manager

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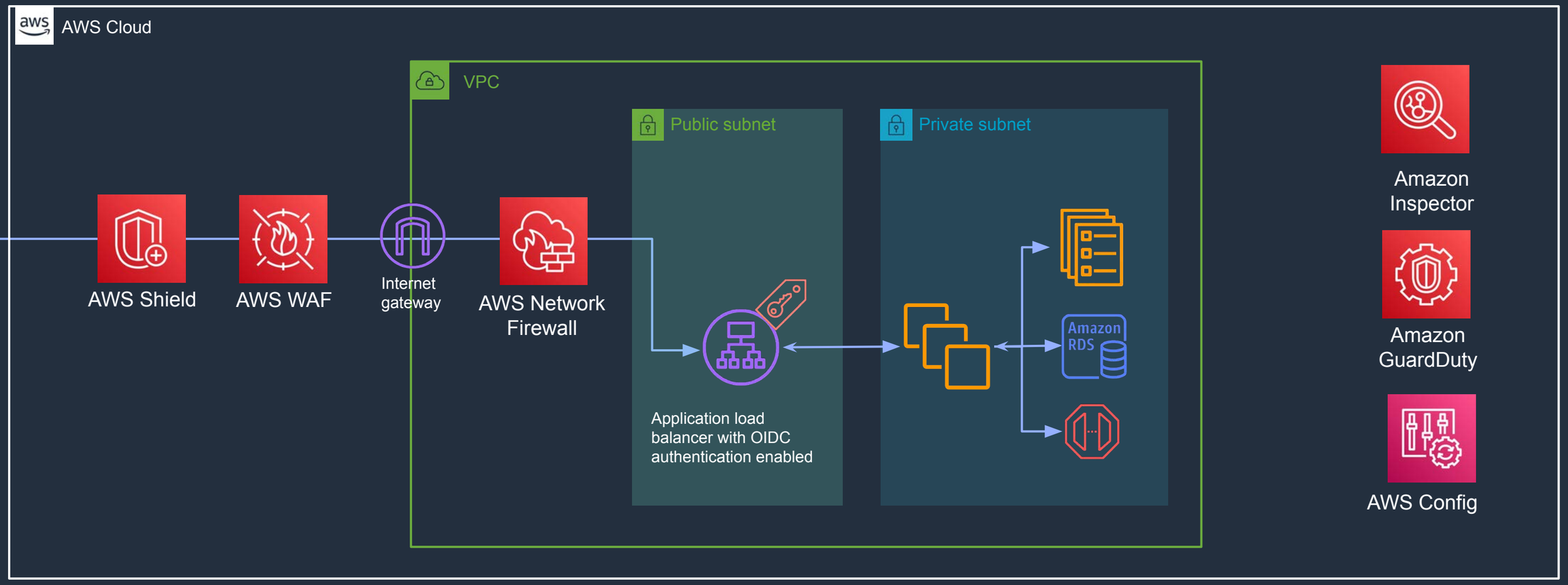
Use Cloud Native Security tools where possible



Q&A

Kevin Murakoshi