Account Vending Machine

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ABOUT US

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- Devops
- Continuous Delivery
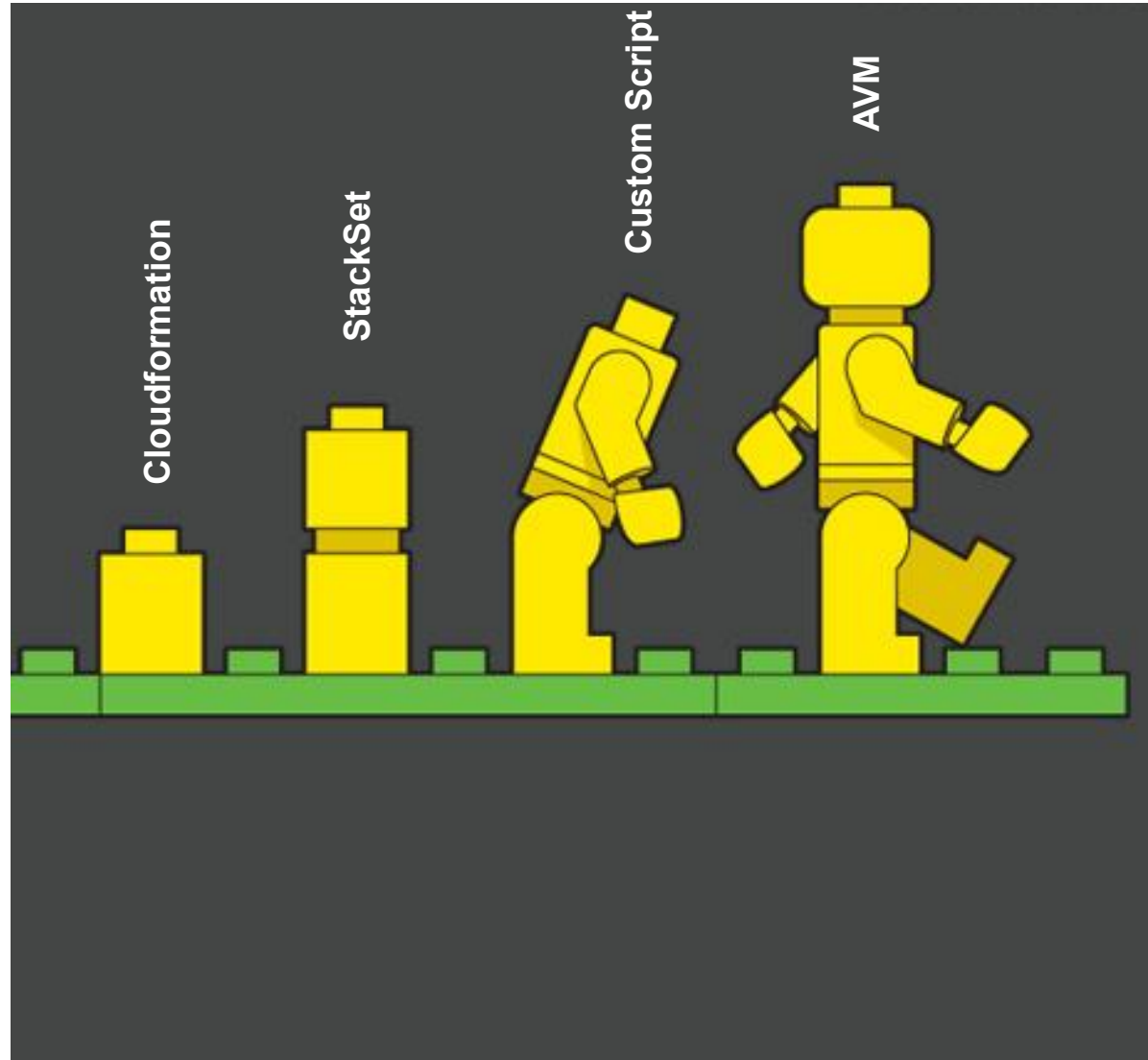- Security
- Compliance

https://innablr.com.au
@InnablrTech

Account Vending Machine

- Simplify AWS account creation

- AWS **best practices**

- Ready for consumption accounts

- **Commoditise** AWS accounts
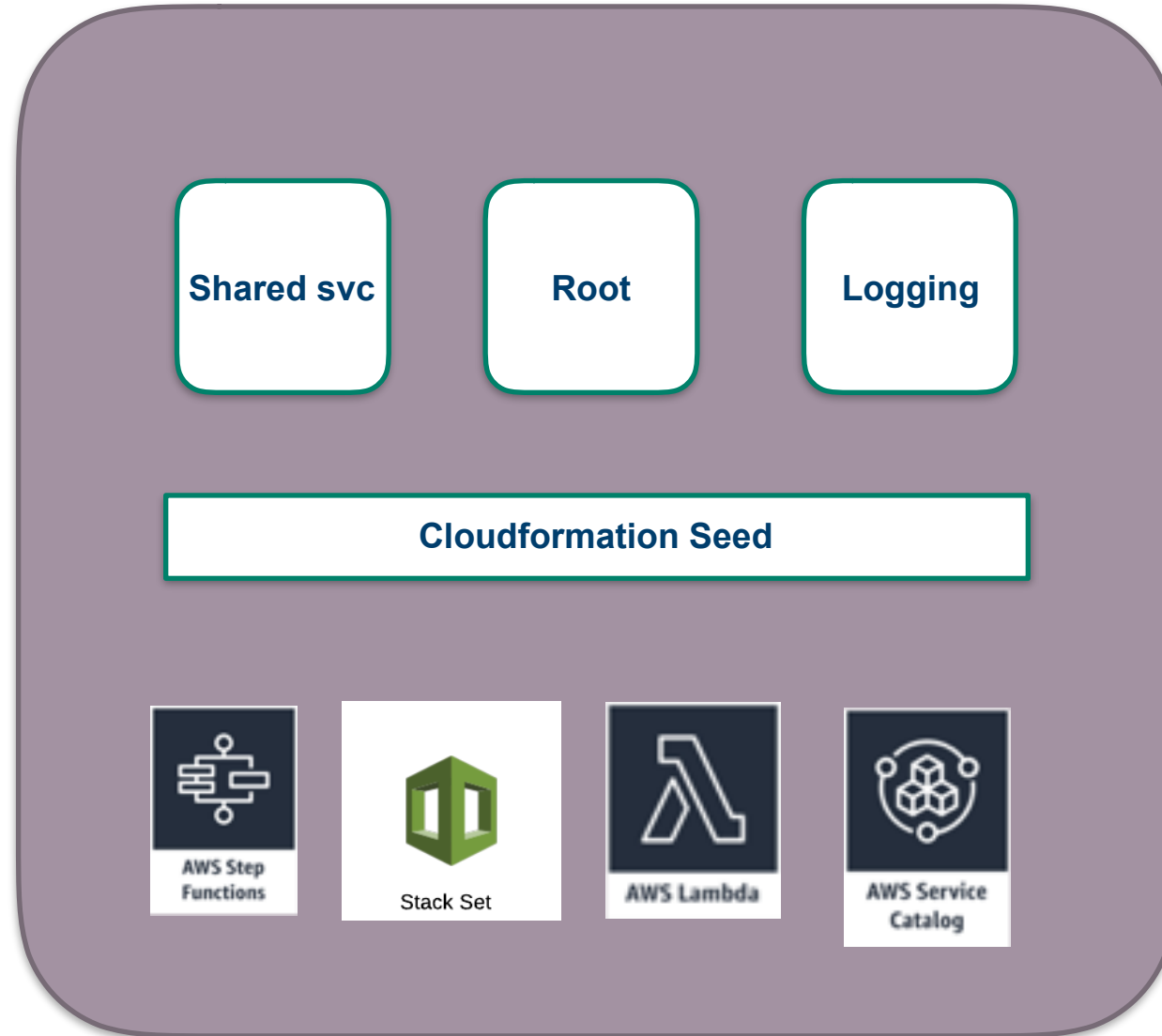
- Unblock dev teams

- Bring cultural change

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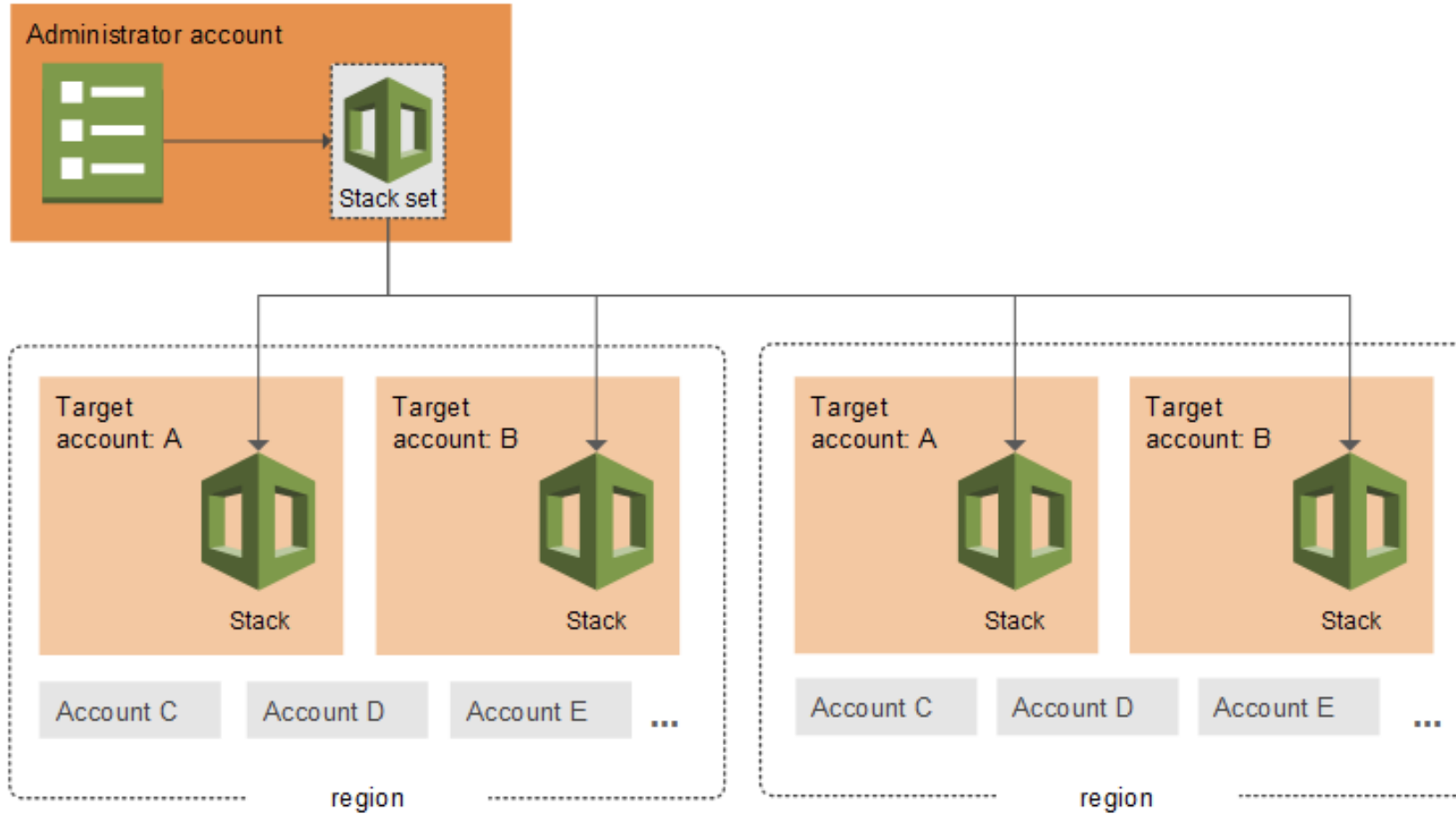
Evolution of AVM

AVM

- Relatively **easy** to deploy

- Better user experience with AWS Service Catalog

- Flexible - very rich parametrisation, allows for configuration diversity

- Robust and recoverable - if something goes wrong 100% you can get it fixed

- Extensible - caters for most requirements and has space for customisation

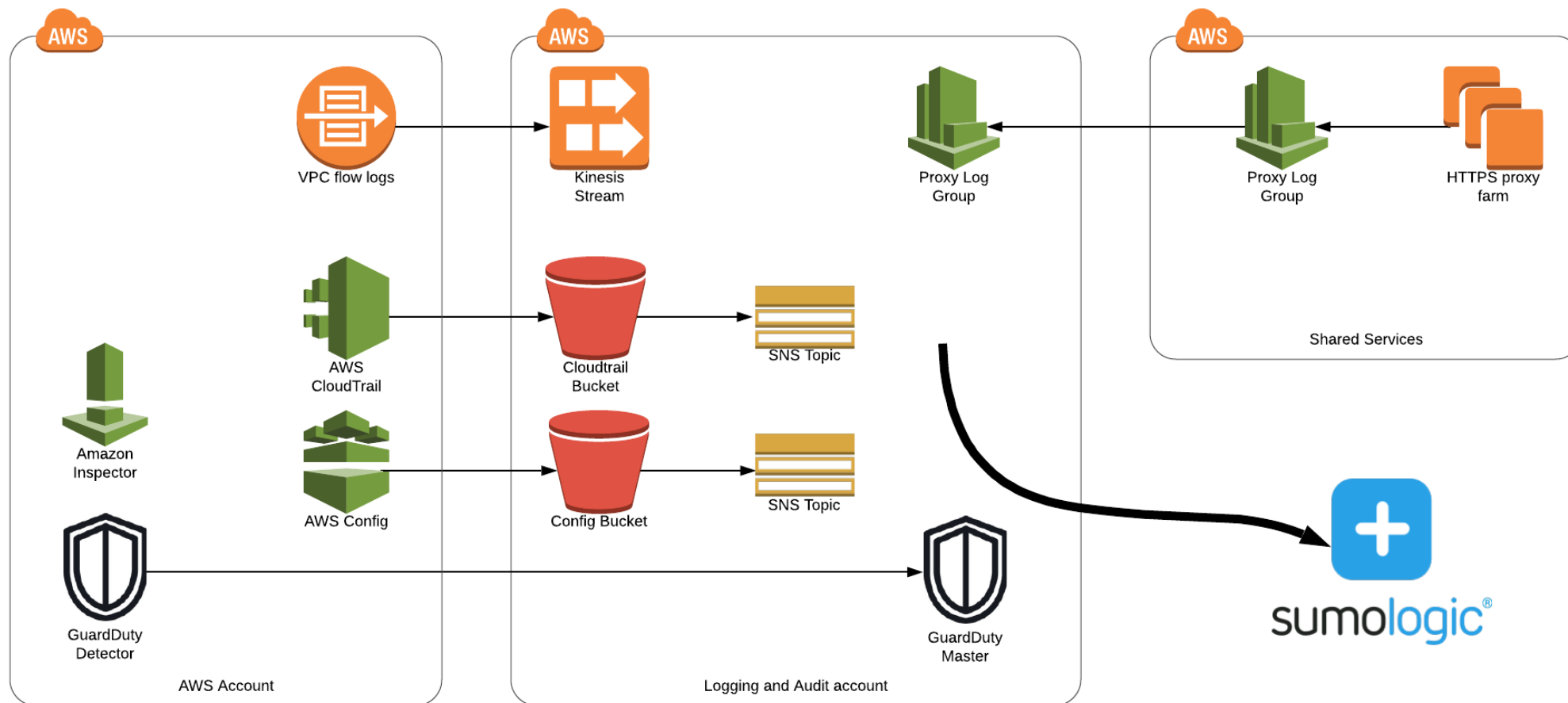- Easy to use - doesn't require deep knowledge of AWS platform

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Main components of AVM

Shared svc

Root

Logging

Cloudformation Seed

AWS Step Functions

Stack Set

AWS Lambda

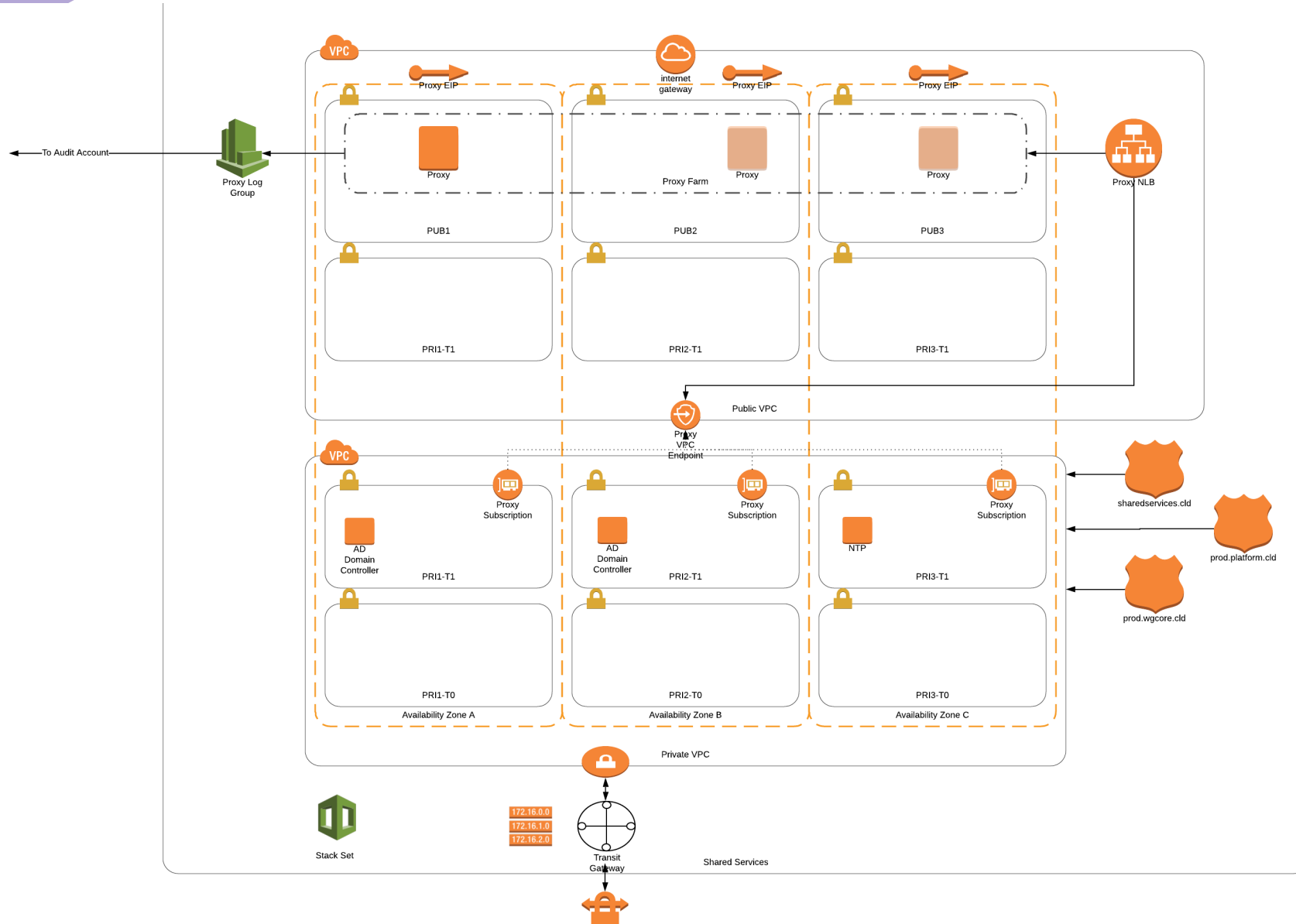AWS Service Catalog

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StackSets

Logging Account

Shared Services Account

Cloudformation Seed

- Helps you run CFN, stacksets, lambda without hassle

- Runs a checksum match

- Removes hard dependencies

- Authored by Innablr's Alex Bukharov https://github.com/Innablr/cloudformation-seed

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Service Catalog in Root Account

Logging

Stack

Amazon S3

Bucket Bucket

Topic

Amazon GuardDuty

Amazon Kinesis

Root

AWS Service Catalog

Amazon SNS

AWS Step Functions

AWS Lambda

Parameter Store

Shared Services

Stack

Amazon Route 53

Instances Instances Instances

Route table

AWS Transit Gateway

VPN Connection

New Account

AWS Config

AWS CloudTrail

Amazon GuardDuty

Amazon Inspector

AWS Identity and Access Management

Role

Role

AWS Single Sign-On

Role

Hosted zone

Route table

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DEMO

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? TIME