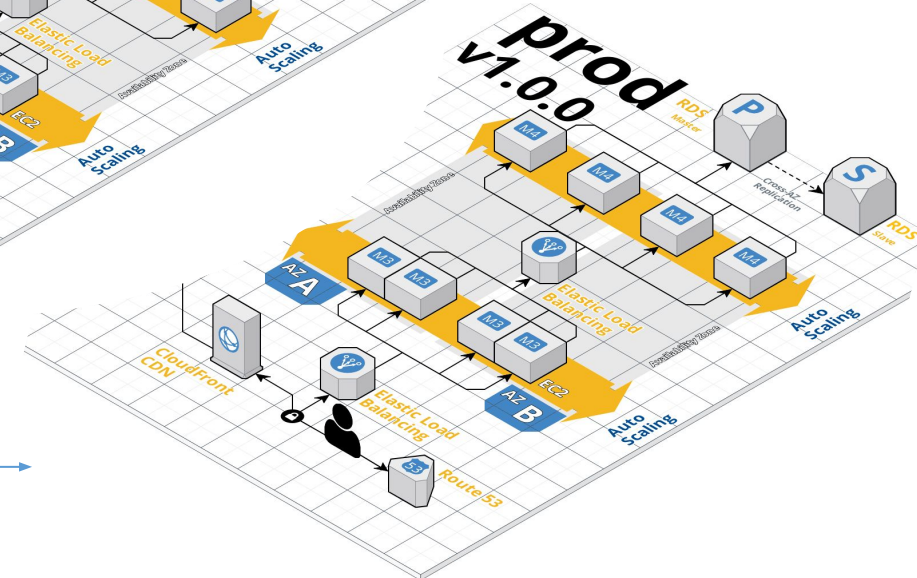# Cloud Infrastructure
2mm shift

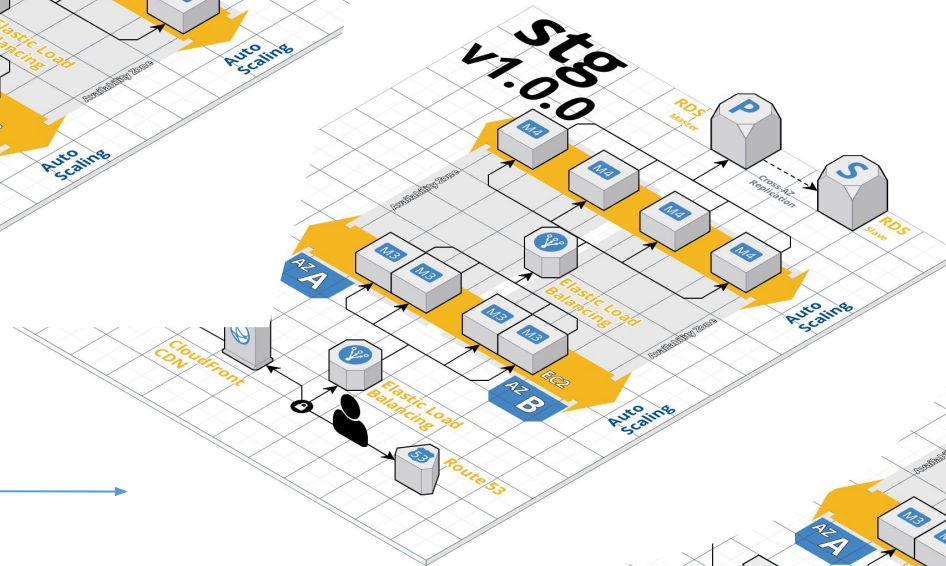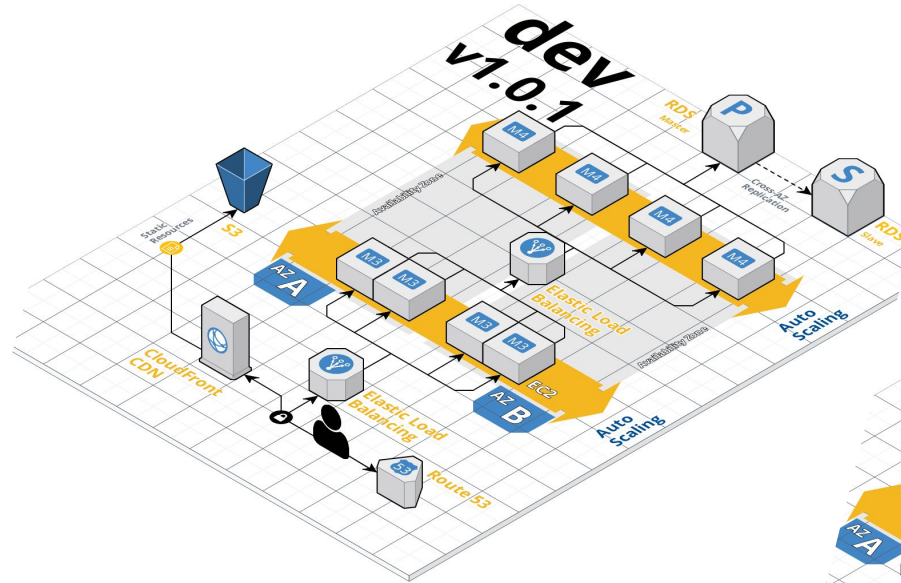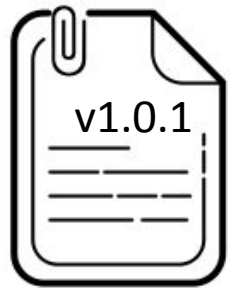## to understand my values

Based on

OpenStack, AWS CloudFormation and other design patterns

Immutable, Consistent/Repeatable & DRY stack
2mm shifts beyond cloud, DevOps and docker

Design Patterns: Maintainability and Velocity

First principles

1. CICD-driven
2. OpenAPI-driven development
3. Security as a core value

Value driven: Maintainability and Velocity

Design Patterns: Maintainability and Velocity

1. 2mm shifts
   - Immutable Multi-tenancy infrastructure deployments
     - VPC per account
     - DNS/Route53-driven
   - DRY and **Reusable** Stack
     - Terragrunt, Immutable Infrastructure Composition

2. CICD-driven
   - Azure DevOps - Release Flow

3. Highly-Secure APIs
   - Private APIs with custom domains
   - Compliance: OAuth2/OpenID Connect first

References

- Associating a transit gateway across accounts
  - https://docs.aws.amazon.com/directconnect/latest/UserGuide/multi-account-associate-tgw.html
- Landing Zone | Implementations | AWS Solutions
  - https://aws.amazon.com/solutions/implementations/aws-landing-zone/