SCOS

Development Environment Bootstrap:

One-Time:

Create GitHub

Create AWS account (if necessary)

Secure AWS Account

Create AWS user

      The credentials used by Terraform to create the CI/CD environment

Create AMI that includes Jenkins Master Docker Image

Create AMI that includes Jenkins Slave Docker Image

Automation (via Terraform):

Create S3 bucket for Terraform state store

Create VPC for CI/CD

Create Networking rules to restrict access to VPC

Create VPN to development

Create IAM User/role for Jekins

Create EC2 instance for Jenkins Master (with AMI that includes Jenkins)

Enable Jenkins/GitHub communication

Audit CI/CD environment security