ENV: dev

EC2 requirement:

* compute: 4 vcpu
* Memory: 16 GB ram
* Instance name: Jenkins
* instance- type: t3a.xlarge
* Volume: 40GB
* On demand hourly price: 0.0362

Tools to install:

* Kubeadm: for microservices
* Agrocd

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* agrocd

VPC: dev

* CIDR: 10.0.0.0/16 ap-south-1
* Subnet: 10.0.0.0/24 ap-south-1a
* Route table
* Internet gateway
* Security group

Microservices:

Frontend:

* Easylane-admin

Backend:

* Easylane-config-server
* Easylane-eureka-server
* [Easylane-transporters-service](https://github.com/dev-easybuild/easylane-transporters-service)
* [Easylane-orders-service](https://github.com/dev-easybuild/easylane-orders-service)
* [Easylane-ratecards-service](https://github.com/dev-easybuild/easylane-ratecards-service)
* [Easylane-notification-service](https://github.com/dev-easybuild/easylane-notification-service)
* E[asylane-api-gateway](https://github.com/dev-easybuild/easylane-api-gateway)

RDS: db.t3.micro

* dev-easylane-notification-db
* dev-easylane-orders-db
* dev-easylane-transporter-db
* dev-easylane-ratecards-db

S3: dev

* [dev-easylane](https://s3.console.aws.amazon.com/s3/buckets/dev-easylane?region=ap-south-1)

VPC: dev

* CIDR: 10.0.0.0/16 ap-south-1
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automation server

Tools to install:

* Jenkins
* Ansible
* Terraform
* Docker
* Java
* Nodejs
* Git
* Maven
* Aws cli

EC2 required:

* compute: 4 vcpu
* Memory: 16 GB ram
* Instance name: Jenkins
* instance- type: t3a.xlarge
* Volume: 50GB
* On demand hourly price: 0.0362

VPC: automation

* CIDR: 192.168.0.0/16 ap-south-1
* Subnet: 192.168.0.0/24 ap-south-1a
* Route table
* Internet gateway
* Security group