**Cloud2Scale**

**Trendin -**

ES – Master

ES - Slave

**Request and Response**

E

L

B

H

A

CDN

Slave 3

Slave 2

Mysql -Master

Slave 1

Redis – Master

Redis – Slave

* Content Delivery Network (Amazone) (Cloud Front)(cache memory)
* ELB – Elastic Load Balancing (Amazone Level Service)

ELB splits the traffic to the applications

* HA – Load Balancing Content
* App {1..3} are Servers
* ES – Elastic search(3rd party)
* Redis – (Cache)-(Internal level) (User level info (cart items☺))
* Micro Apps for tendin :-

Bflyte – Main Database

Sparrow – Used for product image

Pigeon- Mail

Dropship

Bask

Heaver

Mis

Spider – Bigdata

Flamingo-order

1. Code – dev (developers will use this dir) 2. Testing 3. Production

**Jiyo -**

Master - Slave

E

L

B

**Request and Response**

Master -Slave

**NHHS –**

**Servers** – qa1, qa2, qa3 (Northern Virginia)

CA, CI, Stage

Production (Singapore)

API

App(Redis)

Logs

Bus

Gateway

MongoDB

Bcg

Rpm

App can also directly connect without the gateway**Qa1 -**

Calary Apps

Rpm-nhhs

Gateway

App1

Rpm

Nhhs – rpm

Bus

Logs

Bcg

Qa1 – App2

R53

ELB

Qa1 – App1

Redis and Tickets

Q1 – bos.nightingales.in

Q2 – alerts.nightingales.in

Redis

Q1 – api.nightingales.in

Q1 – bus.nightingales.in

Qa1 Mongo Client

Q1 - logs.nightingales.in

Q1 - rpm.nightingales.in

Qa1 alerts

Database used :- Mongo, Postgres sql

Django Apps :- rpm, bcg, nhhs-rpm

**Qa2 + qa3 -**

Qa2 – Django – nhhs – ap1

Q2,3,4 (App/Db)

R53

Q3 complete apps

Nodejs – qa2-bos.nightingales.in, aq2-alerts.nightingales.in

qa3-bos.nightingales.in, qa3-alerts.nightingales.in

aq3-api.nightingales.in

Java - qa3-bus.nightingales.in, ,aq2-logs.nightingales.in

**CI – Code Integration**

CI - Bos

CI - ENV

Server CI - Alerts

CI - Reports

CI - App

Mongo,Postgres

**Stage –** bos.stage.nightingales.in, bos.alert.nightingales.in

Bos - Stage

Mongo – Redis

R53

Stage/api.nightingales.in

Stage – Django – NHHS - Api

Postgres