Application Architecture
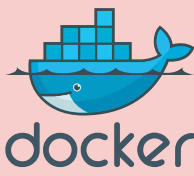
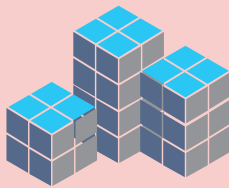## Public Zone

Node 1

Docker Container Virtualization

Docker Containers

Application Frontend

Web Portal Container

Redis Container

Web Socket Container

Web Portal Application :80

Redis DB :6379

Web Socket :9003

Server Env Tools

Portainer Container

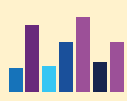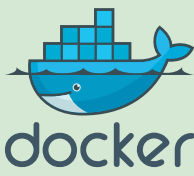Monitoring Containers

Portainer :9000, :8000

- Prometheus: 9090
- Grafana: 3000
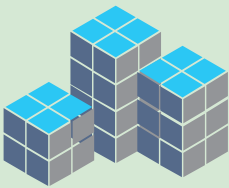- Alert Manager: 9093
- Push Gateway: 9091
- Cadvisor
- Node Exporter

Local Zone

Node 2

Node 3

Docker Container Virtualization

Docker Container Virtualization

Docker Containers

Docker Containers

Application Micro Services

Microservice User Container

Microservice Web2sms Container

MS User Application :9001

MS Web2sms Application :9002
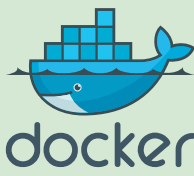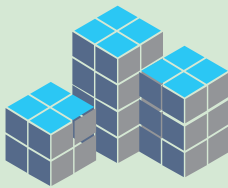
Application Database

Mysql Database Container

Mysql Database :3306