



Internet Users

HTTPS/HTTP

AWS Region: eu-central-1

VPC (10.0.0.0/16)



Internet Gateway

HTTP 80

HTTP 80

Availability Zone 1a

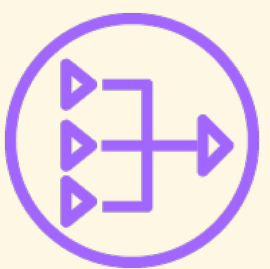
Availability Zone 1b

Public Subnet 1

Public Subnet 2



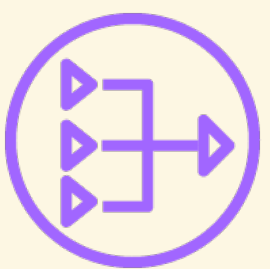
Application Load Balancer



NAT Gateway 1



Application Load Balancer



NAT Gateway 2

HTTP 80

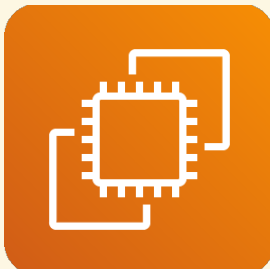
Docker Hub

HTTP 80

Docker Hub

Private App Subnet 1

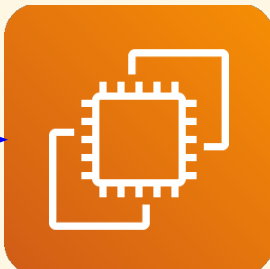
Private App Subnet 2



Todo App (Docker)



Auto Scaling Group



Todo App (Docker)



Auto Scaling Group

MySQL 3306

MySQL 3306

Private DB Subnet 1

Private DB Subnet 2



RDS MySQL Primary



RDS MySQL Standby

Security Groups



DB SG (MySQL 3306)



App SG (HTTP/SSH/ICMP)



Web SG (HTTP/HTTPS/ICMP)