## Frontend (Heroku) Kong Inventory API Load Balancer Transaction API Backend API Backend Config Server Inventory API Inventory API Cart API Backend Cart API Backend Mongos Query Router **Books API Books API** Backend Backend **Private Subnet Private Subnet Private Subnet Private Subnet** User User Db4 Db5 **Private Subnet Private Subnet Private Subnet Private Subnet** User User User Db1 Db2 Db3 Cart Cart Db4 Db5 Cart Cart Cart Db1 Db2 Db3 Trasn Trashrasn Db4 Db5Db6 Trans Trans Trasn Db1 Db2 Db3 Books Books Books Db1 Db2 Db3 Books Books Db4 Db5 Subnet CIDR: 10.0.0.0/24 Subnet CIDR: 10.0.0.0/24 Subnet CIDR: 10.0.0.0/24 Subnet CIDR: 10.0.0.0/24 VPC -1 VPC -2 VPC -3 VPC -4 VPC -5 AWS cloud