Microservices Architecture Overview

Tomcat

WAR

User Interface

Products Service

Users Service

...

Database

JavaScript
App

:80

API Gateway

Load Balancer

Config
Server

Eureka
Service
Discovery

:50779 :51271

Tom

Tom

Tomcat

Products
Microservice

:65130

Tomcat

Users
Microservice

:49446

Tomcat

Orders
Microservice

Microservices Architecture

- Distributed Tracing
- Circuit Breaker
- Access Token
- Event Sourcing
- CQRS
- SAGA
- Database per service [1]
- Service Discovery [2]
- API Gateway [3]
- Centralized Configuration [4]