**Create Eureka Discovery Server and register microservices**

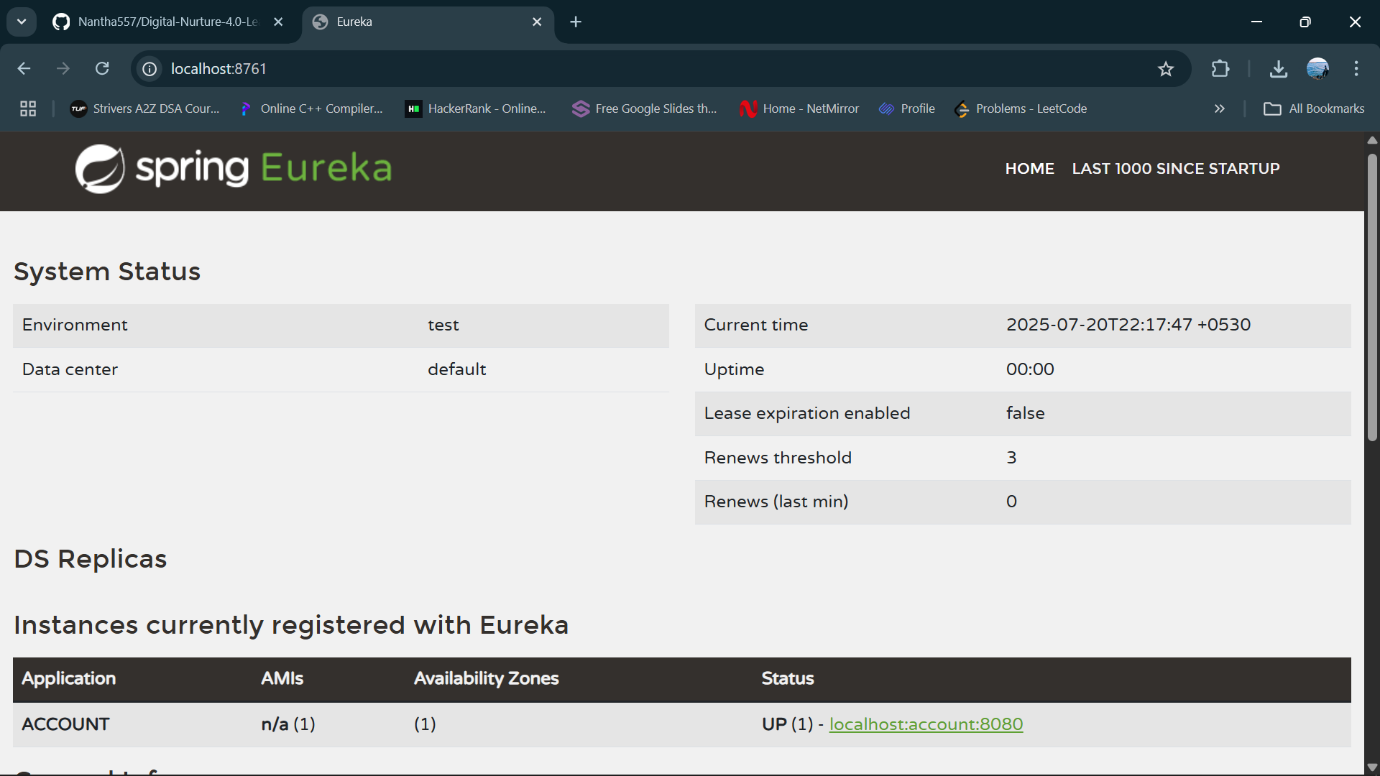
**QUESTION: Eureka Discovery Server holds a registry of all the services that are available for immediate consumption. Anybody whom wants to consume a RESTful Web Service can come to the discovery server and find out what is available and ready for consumption. Eureka Discovery Server is part of spring cloud module.**

**Code:(ServerApplication.java)**package com.cognizant.eureka\_discovery\_server;  
  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
import org.springframework.cloud.netflix.eureka.server.EnableEurekaServer;  
  
@SpringBootApplication  
@EnableEurekaServer  
public class EurekaDiscoveryServerApplication {  
 public static void main(String[] args) {  
 SpringApplication.*run*(EurekaDiscoveryServerApplication.class, args);  
 }  
}  
**POM.XML:**

<?xml version="1.0" encoding="UTF-8"?>  
<project xmlns="http://maven.apache.org/POM/4.0.0"  
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
 xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">  
 <modelVersion>4.0.0</modelVersion>  
  
 <parent>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-parent</artifactId>  
 <version>3.2.5</version>  
 <relativePath/> <!-- lookup parent from repository -->  
 </parent>  
  
 <groupId>com.cognizant</groupId>  
 <artifactId>eureka-discovery-server</artifactId>  
 <version>0.0.1-SNAPSHOT</version>  
 <name>eureka-discovery-server</name>  
 <description>Demo project for Spring Boot Eureka Discovery Server</description>  
  
 <properties>  
 <java.version>17</java.version>  
 <spring-cloud.version>2023.0.4</spring-cloud.version>  
 </properties>  
  
 <dependencies>  
 <!-- Eureka Discovery Server -->  
 <dependency>  
 <groupId>org.springframework.cloud</groupId>  
 <artifactId>spring-cloud-starter-netflix-eureka-server</artifactId>  
 </dependency>  
  
 <!-- Test (optional) -->  
 <dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-test</artifactId>  
 <scope>test</scope>  
 </dependency>  
 </dependencies>  
  
 <dependencyManagement>  
 <dependencies>  
 <dependency>  
 <groupId>org.springframework.cloud</groupId>  
 <artifactId>spring-cloud-dependencies</artifactId>  
 <version>${spring-cloud.version}</version>  
 <type>pom</type>  
 <scope>import</scope>  
 </dependency>  
 </dependencies>  
 </dependencyManagement>  
  
 <build>  
 <plugins>  
 <plugin>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-maven-plugin</artifactId>  
 </plugin>  
 </plugins>  
 </build>  
</project>

**Application.Properties:**spring.application.name=eureka-discovery-server  
server.port=8761  
eureka.client.register-with-eureka=false  
eureka.client.fetch-registry=false  
logging.level.com.netflix.eureka=OFF  
logging.level.com.netflix.discovery=OFF

**OUTPUT:**

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