***Service Registry***

* *It is used to maintain list of services available in the project.*
* *It provides information about registered services.*
* *Services like name of the service, url of service, status of service.*
* *It provides no of instances(server) available for each service.*
* *We can use* ***Eureka Server*** *as service Registry.*
* *It is provided by* ***Spring Cloud netflix*** *library.*
* *Load balancing-> Horizontal and vertical scaling also called as Orchestration.*

*What is Service Registry?*

*Purpose / Need of Service Registry?*

*How to configure service registry?*

*How did you register API with service registry?*

*Starter dependancies 🡪 Boot Dev Tools, Spring Web, Eureka Server.*

*@EnableEurekaServer*

*By default service registry runs on port no:****8761***

*To register API’s in service registry which started dependancy reuired* ***? -> Eureka Discovery Client***

***@EnableEurekaClient***

***Admin Server:-***

*Actuators are used to monitor and manage our application.*

***Need of Admin Server:-***

* *Monitoring and managing all the API’s seperately is a challenging task.*
* *Admin server prrovides UI to monitor and manage all the API’s at one place using actuator endpoints.*

***Configuration:***

* ***Create boot application with Spring Boot Admin Server dependancy.***
* ***Configure @EnableAdminServer at bootstrap class.***
* ***If we want we can change port number.***

***Spring boot admin server versi***

***on-2.7.4***