# Spring Boot - Actuator

Spring Boot Actuator provides secured endpoints for monitoring and managing your Spring Boot application. By default, all actuator endpoints are secured.

## **Enabling Spring Boot Actuator**

To enable Spring Boot actuator endpoints to your Spring Boot application, we need to add the Spring Boot Starter actuator dependency in our build configuration file.

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-actuator</artifactId>

</dependency>

If you want to use the separate port number for accessing the Spring boot actutator endpoints add the management port number in application.properties file.

management.port = 9000

Now, the application has started on the Tomcat port 8080. Note that if you specified the management port number, then same application is running on two different port numbers.

Some important Spring Boot Actuator endpoints are given below. You can enter them in your web browser and monitor your application behavior.

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| **ENDPOINTS** | **USAGE** |
| /metrics | To view the application metrics such as memory used, memory free, threads, classes, system uptime etc. |
| /env | To view the list of Environment variables used in the application. |
| /beans | To view the Spring beans and its types, scopes and dependency. |
| /health | To view the application health |
| /info | To view the information about the Spring Boot application. |
| /trace | To view the list of Traces of your Rest endpoints. |