

Spring Boot Actuator

For Enabling production Ready Features

```
<!-- https://mvnrepository.com/artifact/org.springframework.boot/spring-boot-starter-actuator -->
```

```
<dependency>
```

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

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

```
    <version>3.2.0</version>
```

```
</dependency>
```

Endpoints

About: -

- Actuator endpoints are useful to monitor and interact with our Application.
- Spring Boot includes several built-in endpoints.
- You can enable or disable each individual endpoint and expose them over HTTP or JMX.
- Built-in endpoints are auto-configured only when they are available.
- Default, the health endpoint is mapped like `http://hostname/port/actuator/health`
- Example: - beans, health, info, metrics, loggers etc.....

For more - [Production Ready Features - Spring Actuator](#)

By default, all endpoints except for **shutdown** are enabled.

To configure the enablement of an endpoint, “**management.endpoint.<id>.enabled**” property in the **<application.properties>** file.

Example: - **management.endpoint.shutdown.enabled = true**

If you prefer to disable all the endpoints set the `management.endpoints.enable-by-default` property to false.

Example: - **management.endpoints.enabled-by-default = false**

To include all the endpoints property – `management.endpoints.web.exposure.include = *`

By default, only the health endpoint is exposed over HTTP.

Endpoints may contain sensitive information; we should carefully consider when to expose them.

Example: - `management.endpoints.web.exposure.include = health`

`Management.endpoints.web.exposure.exclude = env,beans`

Monitoring and Management over HTTP

Spring Boot Actuator auto-configures all enabled endpoints to be exposed over HTTP.

The default convention is to use the id of the endpoint with a prefix of /actuator as the URL path.

Example: - health endpoint is exposed as `/actuator/health`

Disabling HTTP endpoint – To disable the endpoint exposed use the below property

`Management.endpoints.web.exposure.exclude = *`

By this actuator dependency we can monitor our application.

For more – Follow the spring docs [Production Ready Features - Spring Actuator](#)