**Spring Boot 3 offers a number of improvements and new features, such as:**  
**Support for Java 17:**  
  
The most recent LTS version of Java, version 17, is fully supported by Spring Boot 3, which offers new language capabilities and enhanced performance.  
Support for GraalVM Native Images:  
  
allows for the creation of native executables with GraalVM, which is perfect for cloud-native apps because it speeds up startup times and uses less memory.  
**Integration of Jakarta EE 9:**  
  
Namespace modifications from Javax to Jakarta EE 9 APIs are part of the Spring Boot 3 transition. By updating the ecosystem, this upgrade sets it up for future improvements.  
Enhanced Observability  
  
increased observability capabilities that make it simpler to monitor and manage applications through better integration with tools like Micrometer and Prometheus.

**The latest AOT processing**  
  
In order to optimize Spring applications for both native image generation and JVM deployments, Spring Boot 3 introduces Ahead-of-Time (AOT) processing, which shortens startup times.  
Redesigned Dependency Management  
  
In order to guarantee that you're using the most recent stable libraries, the Spring Boot 3 release upgrades numerous managed dependencies to their most recent versions, such as Spring Framework 6, Hibernate 6, and others.  
Enhancements to Security:  
  
Improved password encoding techniques, support for security headers, and improved OAuth 2.1 integration are just a few of the new security improvements.  
**Streamlined Setup:**

By eliminating the need for boilerplate code and facilitating configuration customization and extension, Spring Boot 3 streamlines configuration.