**What's New in Spring Boot 3?**

* **Java 17 Baseline**: Spring Boot 3 requires Java 17 as the minimum version, allowing it to leverage new language features, improved performance, and security enhancements.
* **Jakarta EE 9+ Support**: Spring Boot 3 aligns with Jakarta EE 9, which involves a major namespace change from javax to jakarta. This update ensures compatibility with the latest Jakarta EE standards.
* **AOT (Ahead-of-Time) Compilation Support**: Spring Boot 3 introduces AOT compilation support, enabling better performance and reduced startup times, especially beneficial for native images using GraalVM.
* **mproved Observability**: Enhanced observability features include better support for Micrometer metrics, tracing with OpenTelemetry, and improved logging to help monitor and troubleshoot applications more effectively.
* **Native Support with GraalVM**: Spring Boot 3 provides first-class support for building native executables using GraalVM, leading to faster startup times and reduced memory usage, ideal for cloud-native and microservice architectures.
* **Simplified Configuration**: Improvements in configuration properties and profiles, including better validation and error reporting, make it easier to manage complex configurations.
* **New Features in Spring Security**: Spring Security 6, which is part of the Spring Boot 3 stack, introduces new authorization server support and improved OAuth2/OpenID Connect support.
* **Kotlin Updates**: Enhanced support for Kotlin, with updates aligning Spring Boot’s Kotlin API with the latest Kotlin language features, making it more idiomatic and developer-friendly.
* **Compatibility with Latest Spring Framework**: Spring Boot 3 is built on top of Spring Framework 6, benefiting from its core improvement.