Introducing Spring Security

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Spring Security.

Spring Security is a framework dedicated to providing a full array of security services to Java applications in a developer friendly and flexible way. It adheres to the well-established practices introduced by the Spring Framework.

Spring Security tries to address all the layers of security inside your application. In addition, it comes packed with an extensive array of configuration options that make it very flexible and powerful.

* It’s built on top of the successful Spring Framework.
* It provides out-of-the-box support for many authentication models. (LDAP and OpenID)
* It offers layered security services.

secure your application at different levels, and to secure your web URLs, views, service methods, and domain model

Where Does Spring Security Fit In?

* You need role-based authentication/authorization.
* You want to secure a web application from malicious users.
* You need to integrate with OpenID, LDAP, Active Directory, and databases as security

providers .

* You need to secure your domain model and allow only certain users to access certain
* objects in your application. (Access Control List).
* You want a nonintrusive, declarative way for adding security around your application.
* You want to secure your service layer the same way you secure your URLs, and you need

to add rules at the method level for allowing or disallowing user access.

* You need your application to remember its users on their next visit and allow them access
* You want to use public/private key certificates to authenticate against your application
* You need more flexibility than simple role-based authentication for your application.
* You want your application to automatically handle HTTP status codes related to

authorization errors (401, 403, and others).