

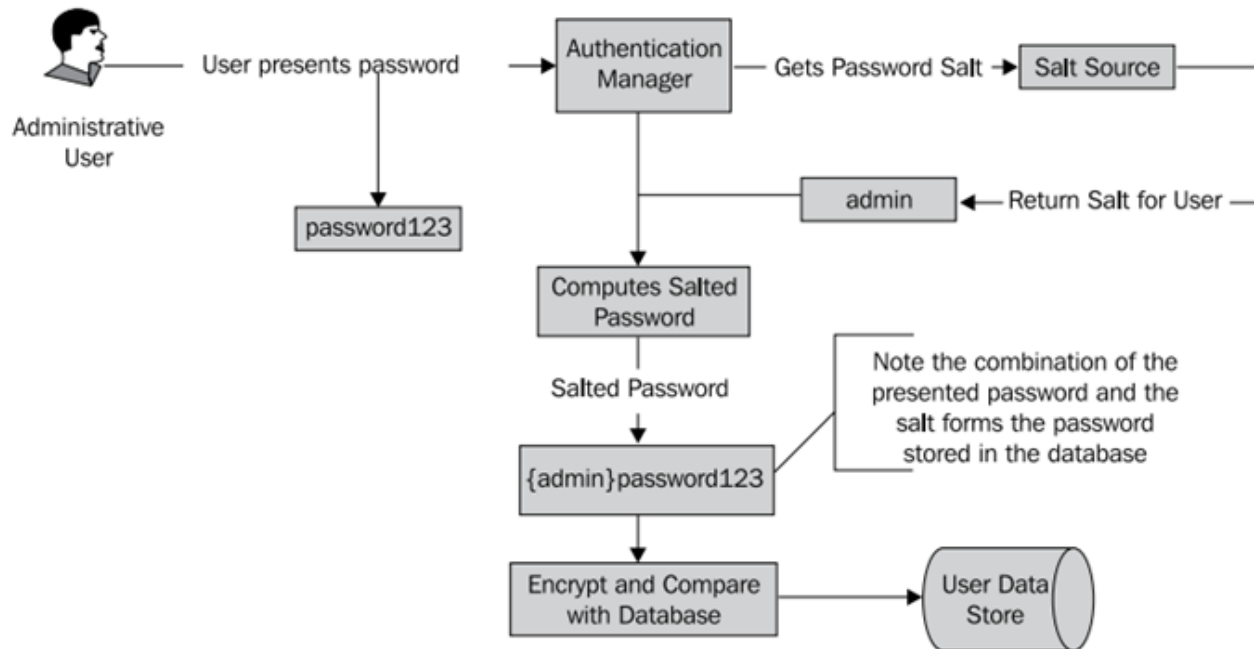


SPRING SECURITY

ADVANCED

MARCH, 2015

PASSWORD ENCODING



PASSWORD ENCODING CONFIGURATION

```
<bean id="daoAuthenticationProvider"
      class="o.s.s.authentication.dao.DaoAuthenticationProvider">
  <property name="userService" ref="userService"/>
  <property name="saltSource" ref="saltSource"/>
  <property name="passwordEncoder" ref="passwordEncoder"/>
</bean>

<bean id="saltSource" class="o.s.s.authentication.dao.ReflectionSaltSource">
  <property name="userPropertyToUse" value="email"/>
</bean>

<bean id="passwordEncoder"
      class="o.s.s.authentication.encoding.Md5PasswordEncoder"/>
```

OR

```
<authentication-provider>
  <password-encoder hash="sha">
    <salt-source user-property="username"/>
  </password-encoder>
  <user-service> ... </user-service>
</authentication-provider>
```

HANDLING CONCURRENT SESSIONS

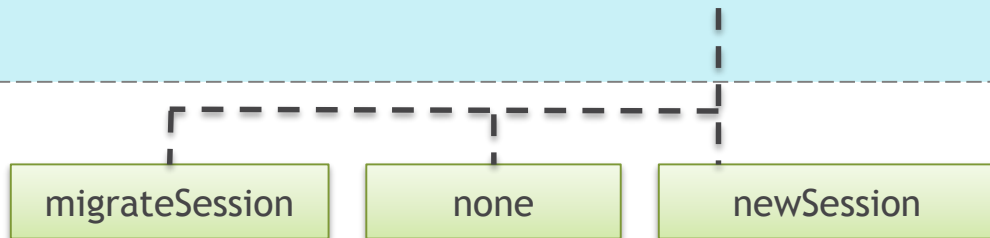
```
<listener>
  <listener-class>
    org.springframework.security.web.session.HttpSessionEventPublisher
  </listener-class>
</listener>
```

```
<http>
  ...
  <session-management>
    <concurrency-control max-sessions="1" error-if-maximum-exceeded="true" />
  </session-management>
</http>
```

HANDLING CONCURRENT SESSIONS

```
<listener>
  <listener-class>
    org.springframework.security.web.session.HttpSessionEventPublisher
  </listener-class>
</listener>
```

```
<http>
  ...
  <session-management session-fixation-protection="migrateSession" />
</http>
```



ADDING CUSTOM FILTERS

```
<sec:http>
  <custom-filter position="SECURITY_CONTEXT_FILTER" ref="myFilter" />
</sec:http>

<bean id="myFilter" class="com.mycompany.MySpecialAuthenticationFilter"/>
```

Alias	Filter class
CHANNEL_FILTER	ChannelProcessingFilter
SECURITY_CONTEXT_FILTER	SecurityContextPersistenceFilter
CONCURRENT_SESSION_FILTER	ConcurrentSessionFilter
LOGOUT_FILTER	LogoutFilter
X509_FILTER	X509AuthenticationFilter
.....	
EXCEPTION_TRANSLATION_FILTER	ExceptionTranslationFilter
FILTER_SECURITY_INTERCEPTOR	FilterSecurityInterceptor
SWITCH_USER_FILTER	SwitchUserFilter



THANK YOU!

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