

web.xmlの変遷

- 4.3.1→5.0.0
- 4.2.1→4.3.1
- 4.1.7→4.2.1
- 4.1.2→4.1.7
- 4.1.0→4.1.2
- 4.0.1→4.1.0
- 4.0.0→4.0.1
- 3.4.8→4.0.0
- 3.4.0→3.4.8
- 3.3.0→3.4.0
- 3.2.1→3.3.0
- 3.1.2→3.2.1

4.3.1→5.0.0

```
@@ -4,173 +4,46 @@

    <display-name>Shibboleth Identity Provider</display-name>

-   <!-- Spring application context files. Files are loaded in the order they appear with subsequent files overwriting
-       same named beans in previous files. -->
+   <!--
+   The context parameters below control V5+ auto-registration support.
+   Those desiring complete control over all of these steps can disable them
+   but this is not generally recommended, apart from toggling the optional
+   servlets that may not be needed.
+   -->
+
+   <!-- Registers Spring support. -->
    <context-param>
-       <param-name>contextConfigLocation</param-name>
-       <param-value>classpath*:/META-INF/net.shibboleth.idp/preconfig.xml,classpath:/net/shibboleth/idp/conf/global-system.xml,
+       <param-name>contextConfigLocation</param-name>
+       <param-value>classpath*:/META-INF/net.shibboleth.idp/preconfig.xml,classpath:/net/shibboleth/idp/conf/global-system.xml,
+       classpath*:/META-INF/net.shibboleth.idp/postconfig.xml</param-value>
+       <param-name>net.shibboleth.idp.registerSpringConfig</param-name>
+       <param-value>true</param-value>
    </context-param>
-
+
+   <!-- Auto-registers Java filter chain required by IdP. -->
    <context-param>
-       <param-name>contextClass</param-name>
-       <param-value>net.shibboleth.ext.spring.context.DelimiterAwareApplicationContext</param-value>
+       <param-name>net.shibboleth.idp.registerFilterChain</param-name>
+       <param-value>true</param-value>
    </context-param>
-
+
+   <!-- Auto-registers IdP dispatcher servlet. -->
    <context-param>
-       <param-name>contextInitializerClasses</param-name>
-       <param-value>net.shibboleth.idp.spring.IdPPropertiesApplicationContextInitializer</param-value>
+       <param-name>net.shibboleth.idp.registerIdPServlet</param-name>
+       <param-value>true</param-value>
    </context-param>
-
+
+   <!-- Spring listener used to load up the configuration -->
    <listener>
-       <listener-class>org.springframework.web.context.ContextLoaderListener</listener-class>
    </listener>

-   <!-- Filters and filter mappings -->
-
-   <!-- Try and force I18N, probably won't help much. -->
    <filter>
-       <filter-name>CharacterEncodingFilter</filter-name>
-       <filter-class>org.springframework.web.filter.CharacterEncodingFilter</filter-class>
-       <init-param>
```

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-         <param-name>encoding</param-name>
-         <param-value>UTF-8</param-value>
-     </init-param>
-     <init-param>
-         <param-name>forceEncoding</param-name>
-         <param-value>true</param-value>
-     </init-param>
- </filter>
- <!-- Automates SameSite handling until Java API catches up. -->
- <filter>
-     <filter-name>SameSiteCookieFilter</filter-name>
-     <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
-     <init-param>
-         <param-name>targetBeanName</param-name>
-         <param-value>shibboleth.SameSiteCookieFilter</param-value>
-     </init-param>
- </filter>
- <!-- Lets us lump repeated Set-Cookie headers into one, something containers rarely support. -->
- <filter>
-     <filter-name>CookieBufferingFilter</filter-name>
-     <filter-class>net.shibboleth.utilities.java.support.net.CookieBufferingFilter</filter-class>
- </filter>
- <!-- Allows control of response headers from within Spring beans. -->
- <filter>
-     <filter-name>DynamicResponseHeaderFilter</filter-name>
-     <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
-     <init-param>
-         <param-name>targetBeanName</param-name>
-         <param-value>shibboleth.ResponseHeaderFilter</param-value>
-     </init-param>
- </filter>
- <!-- Automates TLS-based propagation of HttpServletRequest/Response into beans. -->
- <filter>
-     <filter-name>RequestResponseContextFilter</filter-name>
-     <filter-class>net.shibboleth.utilities.java.support.net.RequestResponseContextFilter</filter-class>
- </filter>
- <!-- Manages logging MDC. -->
- <filter>
-     <filter-name>SLF4JMDCServletFilter</filter-name>
-     <filter-class>net.shibboleth.idp.log.SLF4JMDCServletFilter</filter-class>
- </filter>
+ <!-- Registers optional servlets used for RemoteUser and X509 login flows. -->
+ <context-param>
+     <param-name>net.shibboleth.idp.registerRemoteUserServlet</param-name>
+     <param-value>true</param-value>
+ </context-param>
+ <context-param>
+     <param-name>net.shibboleth.idp.registerX509Servlet</param-name>
+     <param-value>true</param-value>
+ </context-param>
-
- <filter-mapping>
-     <filter-name>SameSiteCookieFilter</filter-name>
-     <url-pattern>*</url-pattern>
- </filter-mapping>
- <filter-mapping>
-     <filter-name>CookieBufferingFilter</filter-name>
-     <url-pattern>/profile/admin/*</url-pattern>
-     <url-pattern>/profile/Logout</url-pattern>
-     <url-pattern>/profile/Shibboleth/SSO</url-pattern>
-     <url-pattern>/profile/SAML2/Unsolicited/SSO</url-pattern>
-     <url-pattern>/profile/SAML2/Redirect/SSO</url-pattern>
-     <url-pattern>/profile/SAML2/POST/SSO</url-pattern>
-     <url-pattern>/profile/SAML2/POST-SimpleSign/SSO</url-pattern>
-     <url-pattern>/profile/SAML2/Artifact/SSO</url-pattern>
-     <url-pattern>/profile/SAML2/Redirect/SLO</url-pattern>
-     <url-pattern>/profile/SAML2/POST/SLO</url-pattern>
-     <url-pattern>/profile/SAML2/POST-SimpleSign/SLO</url-pattern>
-     <url-pattern>/profile/SAML2/Artifact/SLO</url-pattern>
-     <url-pattern>/profile/cas/login</url-pattern>
- </filter-mapping>

```

```

- <filter-mapping>
-   <filter-name>DynamicResponseHeaderFilter</filter-name>
-   <url-pattern>/profile/admin/*</url-pattern>
-   <url-pattern>/profile/Shibboleth/SSO</url-pattern>
-   <url-pattern>/profile/SAML2/Unsolicited/SSO</url-pattern>
-   <url-pattern>/profile/SAML2/Redirect/SSO</url-pattern>
-   <url-pattern>/profile/SAML2/POST/SSO</url-pattern>
-   <url-pattern>/profile/SAML2/POST-SimpleSign/SSO</url-pattern>
-   <url-pattern>/profile/SAML2/Artifact/SSO</url-pattern>
-   <url-pattern>/profile/cas/login</url-pattern>
-   <url-pattern>/Authn/*</url-pattern>
- </filter-mapping>
- <filter-mapping>
-   <filter-name>CharacterEncodingFilter</filter-name>
-   <url-pattern>/*</url-pattern>
- </filter-mapping>
- <filter-mapping>
-   <filter-name>RequestResponseContextFilter</filter-name>
-   <url-pattern>/*</url-pattern>
- </filter-mapping>
- <filter-mapping>
-   <filter-name>SLF4JMDCServletFilter</filter-name>
-   <url-pattern>/*</url-pattern>
- </filter-mapping>
-
- <!-- Servlets and servlet mappings -->
- <servlet>
-   <servlet-name>idp</servlet-name>
-   <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
-   <init-param>
-     <param-name>contextConfigLocation</param-name>
-     <param-value>classpath*:META-INF/net/shibboleth/idp/mvc/preconfig.xml, classpath:/net/shibboleth/idp/conf/mvc-beans.xml,
classpath:/net/shibboleth/idp/conf/webflow-config.xml, classpath*:META-INF/net/shibboleth/idp/mvc/postconfig.xml</param-value>
-   </init-param>
-   <init-param>
-     <param-name>contextClass</param-name>
-     <param-value>net.shibboleth.ext.spring.context.DelimiterAwareApplicationContext</param-value>
-   </init-param>
-   <load-on-startup>1</load-on-startup>
- </servlet>
- <servlet-mapping>
-   <servlet-name>idp</servlet-name>
-   <url-pattern>/status</url-pattern>
-   <url-pattern>/profile/*</url-pattern>
- </servlet-mapping>
-
- <!-- Servlet protected by container used for RemoteUser authentication -->
- <servlet>
-   <servlet-name>RemoteUserAuthHandler</servlet-name>
-   <servlet-class>net.shibboleth.idp.authn.impl.RemoteUserAuthServlet</servlet-class>
-   <load-on-startup>2</load-on-startup>
- </servlet>
- <servlet-mapping>
-   <servlet-name>RemoteUserAuthHandler</servlet-name>
-   <url-pattern>/Authn/RemoteUser</url-pattern>
- </servlet-mapping>
-
- <!-- Servlet protected by container used for X.509 authentication -->
- <servlet>
-   <servlet-name>X509AuthHandler</servlet-name>
-   <servlet-class>net.shibboleth.idp.authn.impl.X509AuthServlet</servlet-class>
-   <load-on-startup>3</load-on-startup>
- </servlet>
- <servlet-mapping>
-   <servlet-name>X509AuthHandler</servlet-name>
-   <url-pattern>/Authn/X509</url-pattern>
- </servlet-mapping>
-
- <!-- Send request for the EntityID to the SAML metadata echoing JSP. -->
- <servlet>
-   <servlet-name>shibboleth_jsp</servlet-name>

```

```

-      <jsp-file>/WEB-INF/jsp/metadata.jsp</jsp-file>
-    </servlet>
-    <servlet-mapping>
-      <servlet-name>shibboleth.jsp</servlet-name>
-      <url-pattern>/shibboleth</url-pattern>
-    </servlet-mapping>
+    <!-- Registers /shibboleth to return metadata file. -->
+    <context-param>
+      <param-name>net.shibboleth.idp.registerMetadataServlet</param-name>
+      <param-value>true</param-value>
+    </context-param>

    <!-- Send servlet errors through the IdP's MVC error handling. -->
    <error-page>
@@ -181,11 +54,9 @@
    <session-config>
      <session-timeout>15</session-timeout>
      <cookie-config>
-        <!-- Uncomment to add __Host- protection. -->
-        <!--
+        <!-- Comment name and path to revert __Host- protection. -->
+        <name>__Host-JSESSIONID</name>
+        <path>/</path>
-        -->
-        <secure>true</secure>
-        <http-only>true</http-only>
      </cookie-config>

```

4.2.1→4.3.1

変更なし

4.1.7→4.2.1

```

@@ -181,8 +181,13 @@
    <session-config>
      <session-timeout>15</session-timeout>
      <cookie-config>
-        <http-only>true</http-only>
+        <!-- Uncomment to add __Host- protection. -->
+        <!--
+        <name>__Host-JSESSIONID</name>
+        <path>/</path>
+        -->
+        <secure>true</secure>
+        <http-only>true</http-only>
      </cookie-config>
      <tracking-mode>COOKIE</tracking-mode>
    </session-config>

```

4.1.2→4.1.7

変更なし

4.1.0→4.1.2

```
@@ -179,6 +179,7 @@
    </error-page>
```

```
    <session-config>
+    <session-timeout>15</session-timeout>
    <cookie-config>
        <http-only>true</http-only>
        <secure>true</secure>
```

4.0.1→4.1.0

```
@@ -8,7 +8,7 @@
    same named beans in previous files. -->
    <context-param>
        <param-name>contextConfigLocation</param-name>
-        <param-value>classpath*:/META-INF/net.shibboleth.idp/preconfig.xml,${idp.home}/system/conf/global-system.xml,classpath*:/META-INF/net.shibboleth.idp/postconfig.xml</param-value>
+        <param-value>classpath*:/META-INF/net.shibboleth.idp/preconfig.xml,classpath:/net/shibboleth/idp/conf/global-system.xml,classpath*:/META-INF/net.shibboleth.idp/postconfig.xml</param-value>
    </context-param>

    <context-param>
@@ -126,7 +126,7 @@
        <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
        <init-param>
            <param-name>contextConfigLocation</param-name>
-            <param-value>${idp.home}/system/conf/mvc-beans.xml, ${idp.home}/system/conf/webflow-config.xml</param-value>
+            <param-value>classpath*:/META-INF/net/shibboleth/idp/mvc/preconfig.xml,classpath:/net/shibboleth/idp/conf/mvc-beans.xml,classpath:/net/shibboleth/idp/conf/webflow-config.xml,classpath*:/META-INF/net/shibboleth/idp/mvc/postconfig.xml</param-value>
        </init-param>
        <init-param>
            <param-name>contextClass</param-name>
@@ -209,7 +209,7 @@
        <http-method-omission>OPTIONS</http-method-omission>
        <http-method-omission>POST</http-method-omission>
    </web-resource-collection>
-    <authn-constraint/>
+    <authn-constraint/>
+    <authn-constraint/>
    </security-constraint>

    <!-- Allow any HTTP methods to the API flows. -->
```

4.0.0→4.0.1

```

@@ -186,17 +186,30 @@
    <tracking-mode>COOKIE</tracking-mode>
  </session-config>

- <!-- Block commonly flagged methods by using an empty auth-constraint. -->
+ <!-- Allow intended methods by using an absent auth-constraint. -->
  <security-constraint>
    <web-resource-collection>
      <web-resource-name>Non-API Content</web-resource-name>
      <url-pattern>*/</url-pattern>
-      <http-method>PUT</http-method>
-      <http-method>PATCH</http-method>
-      <http-method>DELETE</http-method>
-      <http-method>TRACE</http-method>
+      <http-method>GET</http-method>
+      <http-method>HEAD</http-method>
+      <http-method>OPTIONS</http-method>
+      <http-method>POST</http-method>
    </web-resource-collection>
    <auth-constraint/>
+    <!-- no auth-constraint tag here -->
  </security-constraint>
+
+ <!-- Disallow other methods by using an empty auth-constraint. -->
+ <security-constraint>
+   <web-resource-collection>
+     <web-resource-name>Non-API Content</web-resource-name>
+     <url-pattern>*/</url-pattern>
+     <http-method-omission>GET</http-method-omission>
+     <http-method-omission>HEAD</http-method-omission>
+     <http-method-omission>OPTIONS</http-method-omission>
+     <http-method-omission>POST</http-method-omission>
+   </web-resource-collection>
+   <authn-constraint/>
+ </security-constraint>

  <!-- Allow any HTTP methods to the API flows. -->

```

3.4.8→4.0.0

```

@@ -8,7 +8,7 @@
    same named beans in previous files. -->
    <context-param>
      <param-name>contextConfigLocation</param-name>
-      <param-value>classpath*:/META-INF/net.shibboleth.idp/preconfig.xml,{idp.home}/system/conf/global-system.xml,classpath*:/META-INF/net.shibboleth.idp/config.xml,classpath*:/META-INF/net.shibboleth.idp/postconfig.xml</param-value>
+      <param-value>classpath*:/META-INF/net.shibboleth.idp/preconfig.xml,{idp.home}/system/conf/global-system.xml,classpath*:/META-INF/net.shibboleth.idp/postconfig.xml</param-value>
    </context-param>

    <context-param>
@@ -27,6 +27,7 @@
  </listener>

  <!-- Filters and filter mappings -->
+
  <!-- Try and force I18N, probably won't help much. -->
  <filter>
    <filter-name>CharacterEncodingFilter</filter-name>
@@ -40,6 +41,15 @@
    <param-value>true</param-value>
  </init-param>
</filter>
+
+ <!-- Automates SameSite handling until Java API catches up. -->
+ <filter>
+   <filter-name>SameSiteCookieFilter</filter-name>
+   <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
+   <init-param>
+     <param-name>targetBeanName</param-name>
+     <param-value>shibboleth.SameSiteCookieFilter</param-value>
+   </init-param>
+ </filter>
+ <!-- Lets us lump repeated Set-Cookie headers into one, something containers rarely support. -->
  <filter>
    <filter-name>CookieBufferingFilter</filter-name>
@@ -64,6 +74,11 @@
    <filter-name>SLF4JMDCServletFilter</filter-name>
    <filter-class>net.shibboleth.idp.log.SLF4JMDCServletFilter</filter-class>
  </filter>
+
+ <filter-mapping>
+   <filter-name>SameSiteCookieFilter</filter-name>
+   <url-pattern>*/</url-pattern>
+ </filter-mapping>
+ <filter-mapping>
+   <filter-name>CookieBufferingFilter</filter-name>
+   <url-pattern>/profile/admin/*</url-pattern>

```

3.4.0→3.4.8

```

@@ -73,9 +73,11 @@
    <url-pattern>/profile/SAML2/Redirect/SSO</url-pattern>
    <url-pattern>/profile/SAML2/POST/SSO</url-pattern>
    <url-pattern>/profile/SAML2/POST-SimpleSign/SSO</url-pattern>
+   <url-pattern>/profile/SAML2/Artifact/SSO</url-pattern>
    <url-pattern>/profile/SAML2/Redirect/SLO</url-pattern>
    <url-pattern>/profile/SAML2/POST/SLO</url-pattern>
    <url-pattern>/profile/SAML2/POST-SimpleSign/SLO</url-pattern>
+   <url-pattern>/profile/SAML2/Artifact/SLO</url-pattern>
    <url-pattern>/profile/cas/login</url-pattern>
  </filter-mapping>
</filter-mapping>
@@ -86,6 +88,7 @@
    <url-pattern>/profile/SAML2/Redirect/SSO</url-pattern>
    <url-pattern>/profile/SAML2/POST/SSO</url-pattern>
    <url-pattern>/profile/SAML2/POST-SimpleSign/SSO</url-pattern>
+   <url-pattern>/profile/SAML2/Artifact/SSO</url-pattern>
    <url-pattern>/profile/cas/login</url-pattern>
    <url-pattern>/Authn/*</url-pattern>
  </filter-mapping>
@@ -176,7 +179,6 @@
    <http-method>PUT</http-method>
    <http-method>PATCH</http-method>
    <http-method>DELETE</http-method>
-   <http-method>OPTIONS</http-method>
    <http-method>TRACE</http-method>
  </web-resource-collection>
</auth-constraint>

```

3.3.0→3.4.0


```

@@ -45,6 +45,15 @@
    <filter-name>CookieBufferingFilter</filter-name>
    <filter-class>net.shibboleth.utilities.java.support.net.CookieBufferingFilter</filter-class>
  </filter>
+ <!-- Allows control of response headers from within Spring beans. -->
+ <filter>
+   <filter-name>DynamicResponseHeaderFilter</filter-name>
+   <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
+   <init-param>
+     <param-name>targetBeanName</param-name>
+     <param-value>shibboleth.ResponseHeaderFilter</param-value>
+   </init-param>
+ </filter>
  <!-- Automates TLS-based propagation of HttpServletRequest/Response into beans. -->
  <filter>
    <filter-name>RequestResponseContextFilter</filter-name>
@@ -57,6 +66,7 @@
  </filter>
  <filter-mapping>
    <filter-name>CookieBufferingFilter</filter-name>
+   <url-pattern>/profile/admin/*</url-pattern>
    <url-pattern>/profile/Logout</url-pattern>
    <url-pattern>/profile/Shibboleth/SSO</url-pattern>
    <url-pattern>/profile/SAML2/Unsolicited/SSO</url-pattern>
@@ -69,6 +79,17 @@
    <url-pattern>/profile/cas/login</url-pattern>
  </filter-mapping>
  <filter-mapping>
+   <filter-name>DynamicResponseHeaderFilter</filter-name>
+   <url-pattern>/profile/admin/*</url-pattern>
+   <url-pattern>/profile/Shibboleth/SSO</url-pattern>
+   <url-pattern>/profile/SAML2/Unsolicited/SSO</url-pattern>
+   <url-pattern>/profile/SAML2/Redirect/SSO</url-pattern>
+   <url-pattern>/profile/SAML2/POST/SSO</url-pattern>
+   <url-pattern>/profile/SAML2/POST-SimpleSign/SSO</url-pattern>
+   <url-pattern>/profile/cas/login</url-pattern>
+   <url-pattern>/Authn/*</url-pattern>
+ </filter-mapping>
+ <filter-mapping>
    <filter-name>CharacterEncodingFilter</filter-name>
    <url-pattern>/*</url-pattern>
  </filter-mapping>
@@ -139,6 +160,14 @@
    <location>/profile/RaiseError</location>
  </error-page>

+ <session-config>
+   <cookie-config>
+     <http-only>true</http-only>
+     <secure>true</secure>
+   </cookie-config>
+   <tracking-mode>COOKIE</tracking-mode>
+ </session-config>
+
  <!-- Block commonly flagged methods by using an empty auth-constraint. -->
  <security-constraint>
    <web-resource-collection>

```

3.2.1→3.3.0

```

@@ -8,7 +8,7 @@
    same named beans in previous files. -->
  <context-param>
    <param-name>contextConfigLocation</param-name>
-   <param-value>${idp.home}/system/conf/global-system.xml,classpath*:META-INF/net.shibboleth.idp/config.xml</param-value>
+   <param-value>classpath*:META-INF/net.shibboleth.idp/preconfig.xml,${idp.home}/system/conf/global-system.xml,classpath*:

```

```

/META-INF/net.shibboleth.idp/config.xml,classpath*:/META-INF/net.shibboleth.idp/postconfig.xml</param-value>
</context-param>

<context-param>
@@ -52,7 +52,7 @@
</filter>
<!-- Manages logging MDC. -->
<filter>
- <filter-name>SL4JMDCServletFilter</filter-name>
+ <filter-name>SLF4JMDCServletFilter</filter-name>
  <filter-class>net.shibboleth.idp.log.SLF4JMDCServletFilter</filter-class>
</filter>
<filter-mapping>
@@ -77,14 +77,10 @@
  <url-pattern>*/</url-pattern>
</filter-mapping>
<filter-mapping>
- <filter-name>SL4JMDCServletFilter</filter-name>
+ <filter-name>SLF4JMDCServletFilter</filter-name>
  <url-pattern>*/</url-pattern>
</filter-mapping>

- <!-- HTTP headers to every response in order to prevent response caching -->
- <!-- <filter> <filter-name>IdPNoCacheFilter</filter-name> <filter-class>edu.internet2.middleware.shibboleth.idp.util.
NoCacheFilter</filter-class>
- </filter> <filter-mapping> <filter-name>IdPNoCacheFilter</filter-name> <url-pattern>*/</url-pattern> </filter-mapping> -->
-
  <!-- Servlets and servlet mappings -->
  <servlet>
    <servlet-name>idp</servlet-name>
@@ -136,6 +132,35 @@
    <servlet-name>shibboleth_jsp</servlet-name>
    <url-pattern>/shibboleth</url-pattern>
  </servlet-mapping>
+
+ <!-- Send servlet errors through the IdP's MVC error handling. -->
+ <error-page>
+   <exception-type>net.shibboleth.idp.authn.ExternalAuthenticationException</exception-type>
+   <location>/profile/RaiseError</location>
+ </error-page>
+
+ <!-- Block commonly flagged methods by using an empty auth-constraint. -->
+ <security-constraint>
+   <web-resource-collection>
+     <web-resource-name>Non-API Content</web-resource-name>
+     <url-pattern>*/</url-pattern>
+     <http-method>PUT</http-method>
+     <http-method>PATCH</http-method>
+     <http-method>DELETE</http-method>
+     <http-method>OPTIONS</http-method>
+     <http-method>TRACE</http-method>
+   </web-resource-collection>
+   <auth-constraint/>
+ </security-constraint>
+
+ <!-- Allow any HTTP methods to the API flows. -->
+ <security-constraint>
+   <web-resource-collection>
+     <web-resource-name>Administrative APIs</web-resource-name>
+     <url-pattern>/profile/admin/*</url-pattern>
+   </web-resource-collection>
+   <!-- no auth-constraint tag here -->
+ </security-constraint>

  <!--
  Uncomment to use container managed authentication. The new servlet spec (3.1)
@@ -150,7 +175,6 @@
    <web-resource-name>user authentication</web-resource-name>
    <url-pattern>/Authn/RemoteUser</url-pattern>
    <url-pattern>/profile/SAML2/SOAP/ECP</url-pattern>
-   <http-method>GET</http-method>

```

```
<http-method>POST</http-method>
</web-resource-collection>
<auth-constraint>
```

3.1.2→3.2.1

```
@@ -8,12 +8,12 @@
    same named beans in previous files. -->
    <context-param>
      <param-name>contextConfigLocation</param-name>
-      <param-value>${idp.home}/system/conf/global-system.xml</param-value>
+      <param-value>${idp.home}/system/conf/global-system.xml,classpath*:META-INF/net.shibboleth.idp/config.xml</param-value>
    </context-param>

    <context-param>
      <param-name>contextClass</param-name>
-      <param-value>net.shibboleth.ext.spring.context.DeferPlaceholderFileSystemXmlWebApplicationContext</param-value>
+      <param-value>net.shibboleth.ext.spring.context.DelimiterAwareApplicationContext</param-value>
    </context-param>

    <context-param>
@@ -45,24 +45,6 @@
      <filter-name>CookieBufferingFilter</filter-name>
      <filter-class>net.shibboleth.utilities.java.support.net.CookieBufferingFilter</filter-class>
    </filter>
-    <!-- Automates the unpack and pack of the cookie-based storage model. -->
-    <filter>
-      <filter-name>ClientSessionStorageServiceFilter</filter-name>
-      <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
-      <init-param>
-        <param-name>targetBeanName</param-name>
-        <param-value>shibboleth.ClientSessionStorageService</param-value>
-      </init-param>
-    </filter>
-    <!-- Automates the unpack and pack of the cookie-based storage model. -->
-    <filter>
-      <filter-name>ClientPersistentStorageServiceFilter</filter-name>
-      <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
-      <init-param>
-        <param-name>targetBeanName</param-name>
-        <param-value>shibboleth.ClientPersistentStorageService</param-value>
-      </init-param>
-    </filter>
-    <!-- Automates TLS-based propagation of HttpServletRequest/Response into beans. -->
-    <filter>
      <filter-name>RequestResponseContextFilter</filter-name>
@@ -87,28 +69,6 @@
    <url-pattern>/profile/cas/login</url-pattern>
  </filter-mapping>
  <filter-mapping>
-    <filter-name>ClientSessionStorageServiceFilter</filter-name>
-    <url-pattern>/profile/Logout</url-pattern>
-    <url-pattern>/profile/Shibboleth/SSO</url-pattern>
-    <url-pattern>/profile/SAML2/Unsolicited/SSO</url-pattern>
-    <url-pattern>/profile/SAML2/Redirect/SSO</url-pattern>
-    <url-pattern>/profile/SAML2/POST/SSO</url-pattern>
-    <url-pattern>/profile/SAML2/POST-SimpleSign/SSO</url-pattern>
-    <url-pattern>/profile/SAML2/Redirect/SLO</url-pattern>
-    <url-pattern>/profile/SAML2/POST/SLO</url-pattern>
-    <url-pattern>/profile/SAML2/POST-SimpleSign/SLO</url-pattern>
-    <url-pattern>/profile/cas/login</url-pattern>
-  </filter-mapping>
  <filter-mapping>
-    <filter-name>ClientPersistentStorageServiceFilter</filter-name>
-    <url-pattern>/profile/Shibboleth/SSO</url-pattern>
-    <url-pattern>/profile/SAML2/Unsolicited/SSO</url-pattern>
-    <url-pattern>/profile/SAML2/Redirect/SSO</url-pattern>
```

```

-      <url-pattern>/profile/SAML2/POST/SSO</url-pattern>
-      <url-pattern>/profile/SAML2/POST-SimpleSign/SSO</url-pattern>
-      <url-pattern>/profile/cas/login</url-pattern>
-    </filter-mapping>
-    <filter-mapping>
      <filter-name>CharacterEncodingFilter</filter-name>
      <url-pattern>*</url-pattern>
    </filter-mapping>
@@ -131,11 +91,11 @@
      <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
      <init-param>
        <param-name>contextConfigLocation</param-name>
-        <param-value>${idp.home}/system/conf/mvc-beans.xml ${idp.home}/system/conf/webflow-config.xml</param-value>
+        <param-value>${idp.home}/system/conf/mvc-beans.xml, ${idp.home}/system/conf/webflow-config.xml</param-value>
      </init-param>
      <init-param>
        <param-name>contextClass</param-name>
-        <param-value>net.shibboleth.ext.spring.context.DeferPlaceholderFileSystemXmlWebApplicationContext</param-value>
+        <param-value>net.shibboleth.ext.spring.context.DelimiterAwareApplicationContext</param-value>
      </init-param>
      <load-on-startup>1</load-on-startup>
    </servlet>

```