Plugins affected by the SECURITY-901 fix

Several authentication related plugins do not work on Jenkins releases with the SECURITY-901 fix.

The fix requires that security realms call `SecurityListener#authenticated` or `SecurityListener#loggedIn` after successful authentication. If a security realm does not do either, sessions will be invalidated immediately, and users logged out again.

To disable this security fix when using a security realm that does not call `SecurityListener` as described above, set the `Java system property jenkins.security.seed.UserSeedProperty.disableUserSeed` to `true`.

**Unsafe**

Setting this system property will undo the additional protection provided by the security fix.

Further references

- 2019-01-16 Security advisory
- Jenkins 2.150.2 upgrade guide

Affected plugins

The table below provides a list of plugin which were affected by the SECURITY-901 fix in Jenkins 2.150.2 and 2.160. "Status" column reflects the current state. Note that this list is not exhaustive.

If you encounter a plugin that no longer works as expected due to the fix, please add it to the list. More importantly, please file a bug report, if one doesn’t exist, to help ensure that the appropriate plugin maintainer is informed.

<table>
<thead>
<tr>
<th>Plugin</th>
<th>Issue</th>
<th>Pull request</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azure AD</td>
<td><a href="https://github.com/jenkinsci/azure-ad-plugin/issues/34">https://github.com/jenkinsci/azure-ad-plugin/issues/34</a></td>
<td><a href="https://github.com/jenkinsci/azure-ad-plugin/pull/35">https://github.com/jenkinsci/azure-ad-plugin/pull/35</a></td>
<td>Fixed in 0.3.2</td>
</tr>
<tr>
<td></td>
<td><strong>JENKINS-55668</strong> - Unable to login with Bitbucket Oauth plugin after Jenkins update (2.150.2)</td>
<td><a href="https://github.com/mallowlabs/bitbucket-oauth-plugin/issues/18">https://github.com/mallowlabs/bitbucket-oauth-plugin/issues/18</a></td>
<td>Fixed in 0.9</td>
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<td></td>
<td></td>
<td></td>
<td>(2019-01-19)</td>
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<tr>
<td>Bitbucket OAuth</td>
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<tr>
<td>CAS</td>
<td><a href="https://github.com/tcrespel/jenkins-cas-plugin/issues/9">https://github.com/tcrespel/jenkins-cas-plugin/issues/9</a></td>
<td><a href="https://github.com/jenkinsci/cas-plugin/pull/2">https://github.com/jenkinsci/cas-plugin/pull/2</a></td>
<td>Fixed in 1.4.3</td>
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<td></td>
<td><strong>JENKINS-55892</strong> - CollabNet-Plugin is not compatible with SECURITY-901 fix (Upgrading to 2.160)</td>
<td></td>
<td>PR proposed</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(untested), in review</td>
</tr>
<tr>
<td>CollabNet</td>
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<td></td>
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<tr>
<td>Google Login</td>
<td>n/a</td>
<td>n/a</td>
<td>Compatible since</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1.4 (2018-05-30)</td>
</tr>
<tr>
<td>Kerberos SSO</td>
<td><strong>JENKINS-56698</strong> - SSO + CRSF causes 403 errors</td>
<td><a href="https://github.com/jenkinsci/kerberos-ssq-plugin/pull/12">https://github.com/jenkinsci/kerberos-ssq-plugin/pull/12</a></td>
<td>Fixed in 1.5</td>
</tr>
<tr>
<td></td>
<td>RESOLVED</td>
<td></td>
<td>(2019-02-14)</td>
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<tr>
<td>Keycloak</td>
<td></td>
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<tr>
<td>Authentication</td>
<td><strong>JENKINS-56669</strong> - Auth plugin doesn't work after upgrade to Jenkins 2.150.2</td>
<td><a href="https://github.com/jenkinsci/keycloak-plugin/pull/5">https://github.com/jenkinsci/keycloak-plugin/pull/5</a></td>
<td>Fixed in 2.3.0</td>
</tr>
<tr>
<td></td>
<td>RESOLVED</td>
<td></td>
<td>(2019-01-20)</td>
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<tr>
<td>OpenID</td>
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<td><strong>JENKINS-56683</strong> - Endless loop on login when using OpenID plugin after upgrading to 2.160 / 2.150.2, preventing user authentication</td>
<td><a href="https://github.com/jenkinsci/openid-plugin/pull/14">https://github.com/jenkinsci/openid-plugin/pull/14</a></td>
<td>Fixed in 2.3</td>
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<tr>
<td></td>
<td>RESOLVED</td>
<td></td>
<td>(2018-01-25)</td>
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<tr>
<td>OpenID Connect</td>
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<tr>
<td>Authentication</td>
<td><strong>JENKINS-56654</strong> - infinite redirect loop when auth provider is oidc (after update to 2.160)</td>
<td><a href="https://github.com/jenkinsci/oic-auth-plugin/pull/56">https://github.com/jenkinsci/oic-auth-plugin/pull/56</a></td>
<td>Fixed in 1.5</td>
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<tr>
<td></td>
<td>RESOLVED</td>
<td></td>
<td>(2019-01-20)</td>
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<tr>
<td>Windows</td>
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<tr>
<td>Negotiate SSO</td>
<td><strong>JENKINS-56697</strong> - NegotiateSSO Plugin is not compatible with SECURITY-901 FIX (Upgrading to 2.160/2.150.2)</td>
<td><a href="https://github.com/jenkinsci/negotiatesso-plugin/pull/2">https://github.com/jenkinsci/negotiatesso-plugin/pull/2</a></td>
<td>Fixed in 1.2</td>
</tr>
<tr>
<td></td>
<td>RESOLVED</td>
<td></td>
<td>(2019-03-06)</td>
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