# Security Issue with JRE 1.7.0_51

Issue

With recent version of Java release 1.7.0_51 users encounter security warning messages, when signed applets are run within Internet Explorer. In such environments, customers using ISD 11.2 and earlier versions might see the following Warnings or error messages.

1. This application will be blocked in a future Java security update because the JAR file manifest does not contain the Permissions attribute. Please contact the Publisher for more information.
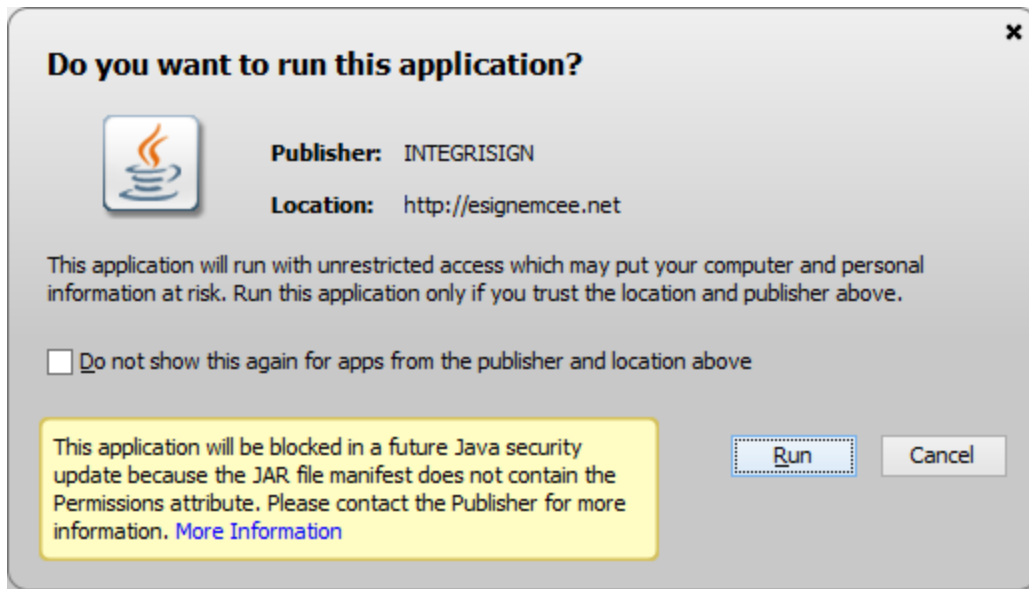
2. java.lang.SecurityException: Missing required Permissions manifest attribute in main jar: http://demo.com/ISD/websignsunjvm.jar
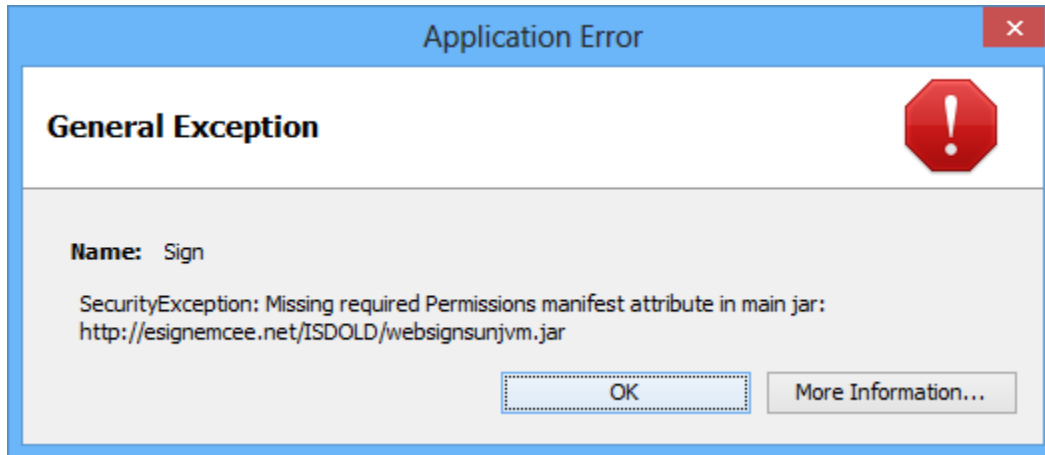

Fix

The security warning issue can be solved by following any one of the following two fixes. First one is a work around solution and the second one involves updating the websignsunjvm.jar (which has all the required entries to overcome security warning).
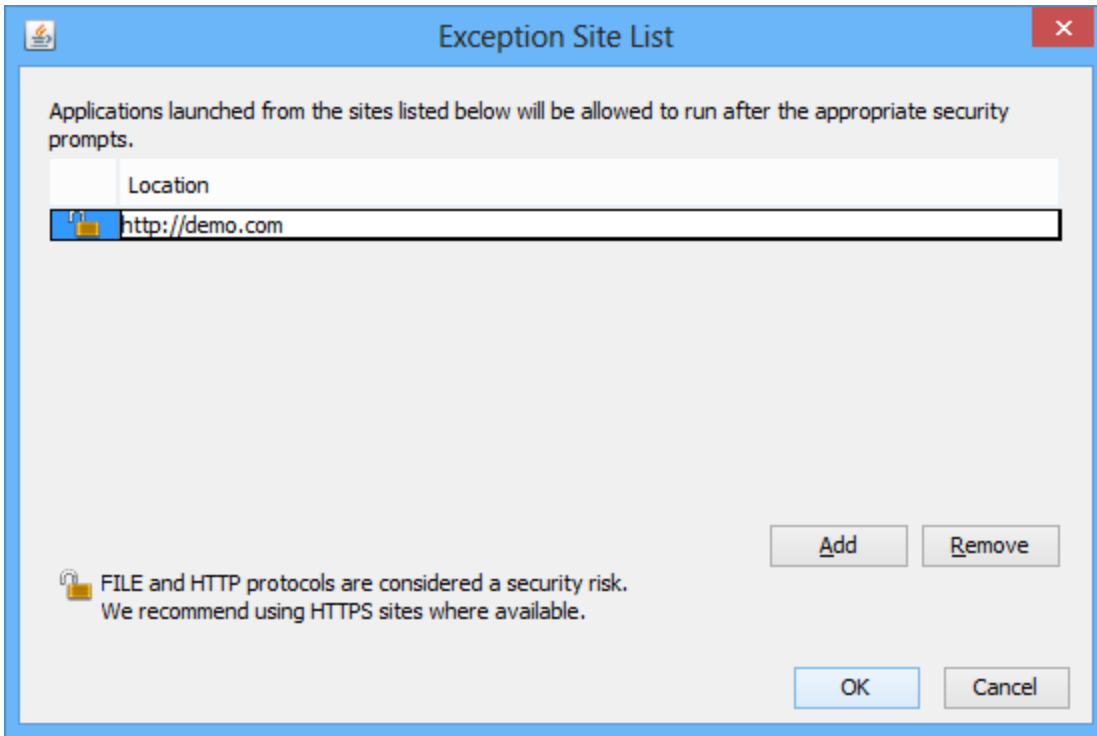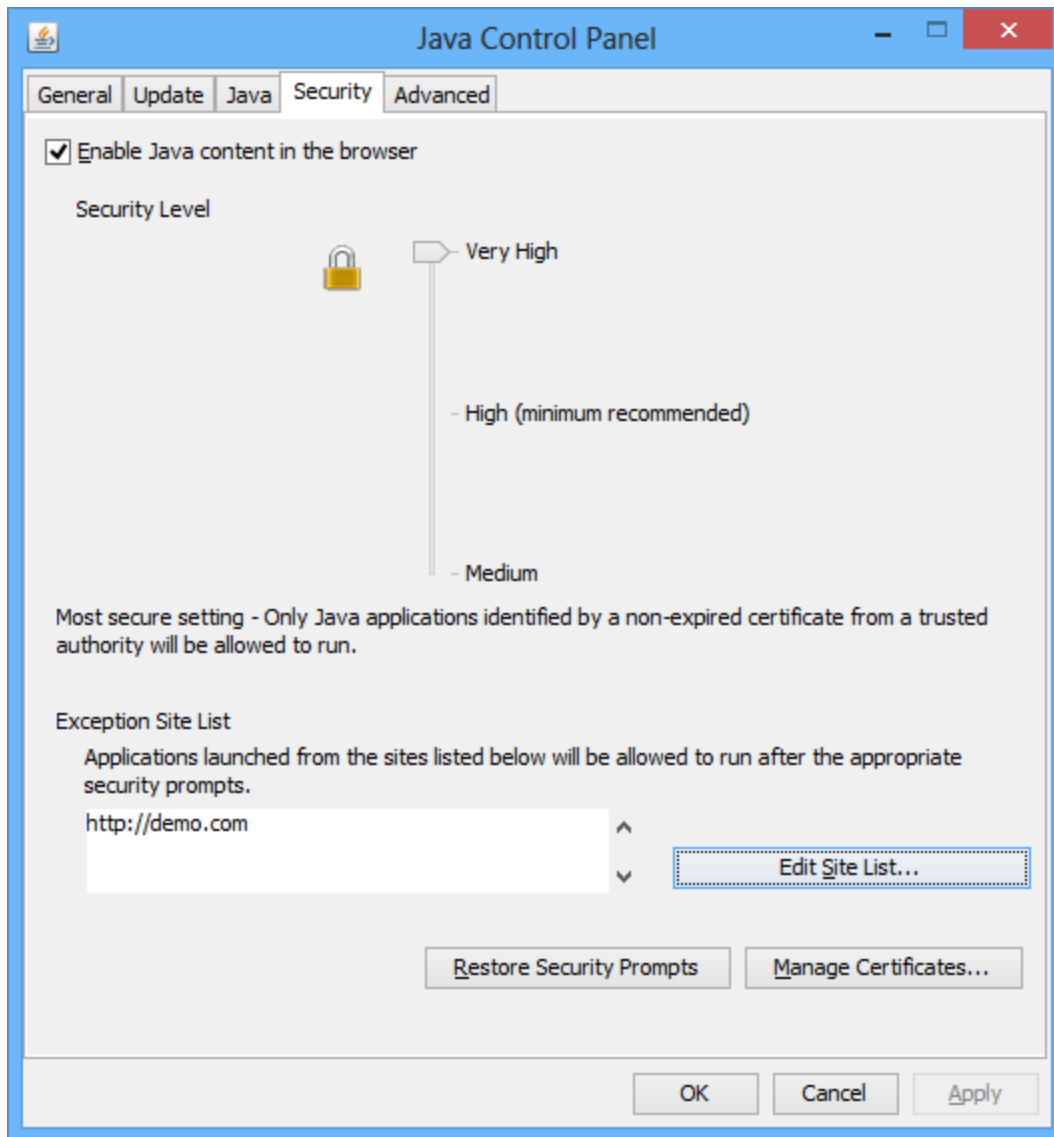
Fix 1

Adding the domain name of the web site hosting ISD WebSign Java applet to trusted list of Java Plug-in will resolve this issue. Follow the steps below to

1. Open Java Control Panel Applet (Start->Programs->Control Panel-> Java).

2. Go to Security Tab and click on Edit Site List... Button under Exception Site List section.
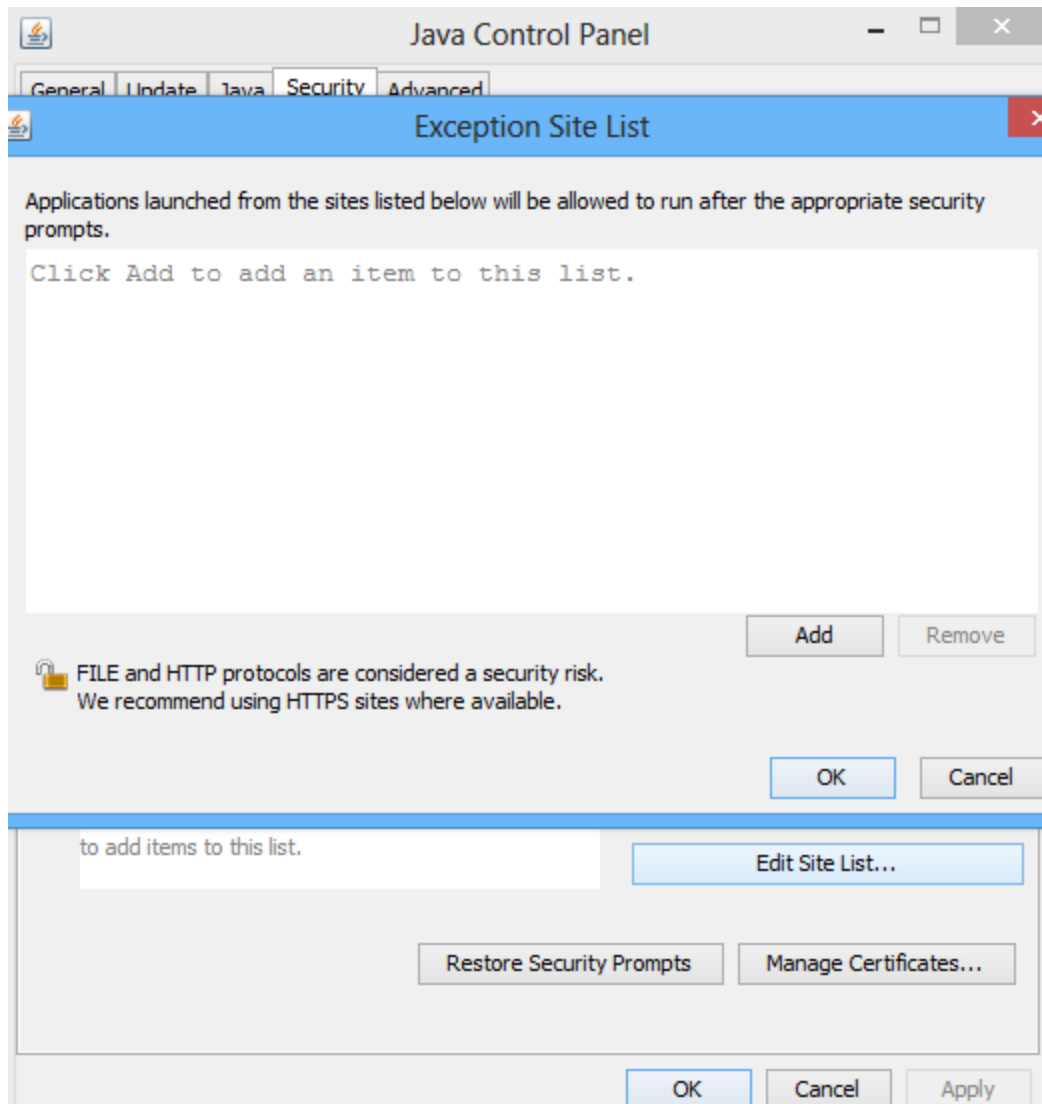
3. Click on Add button to enter the location e.g. http://demo.com/ (is the domain or server name where the applet is hosted or published) and click on OK button. Adding non HTTPS sites might show some warning messages, ignore them.

Exception Site List

Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.

Location
http://demo.com

Add   Remove

🔓 FILE and HTTP protocols are considered a security risk.
We recommend using HTTPS sites where available.

OK   Cancel

4. Next step is to clean the Plug-in cache. Go To General tab, click on Setting button under Temporary Internet Files and click on delete files. Make sure to check Installed Applications and Applets check box and click OK.
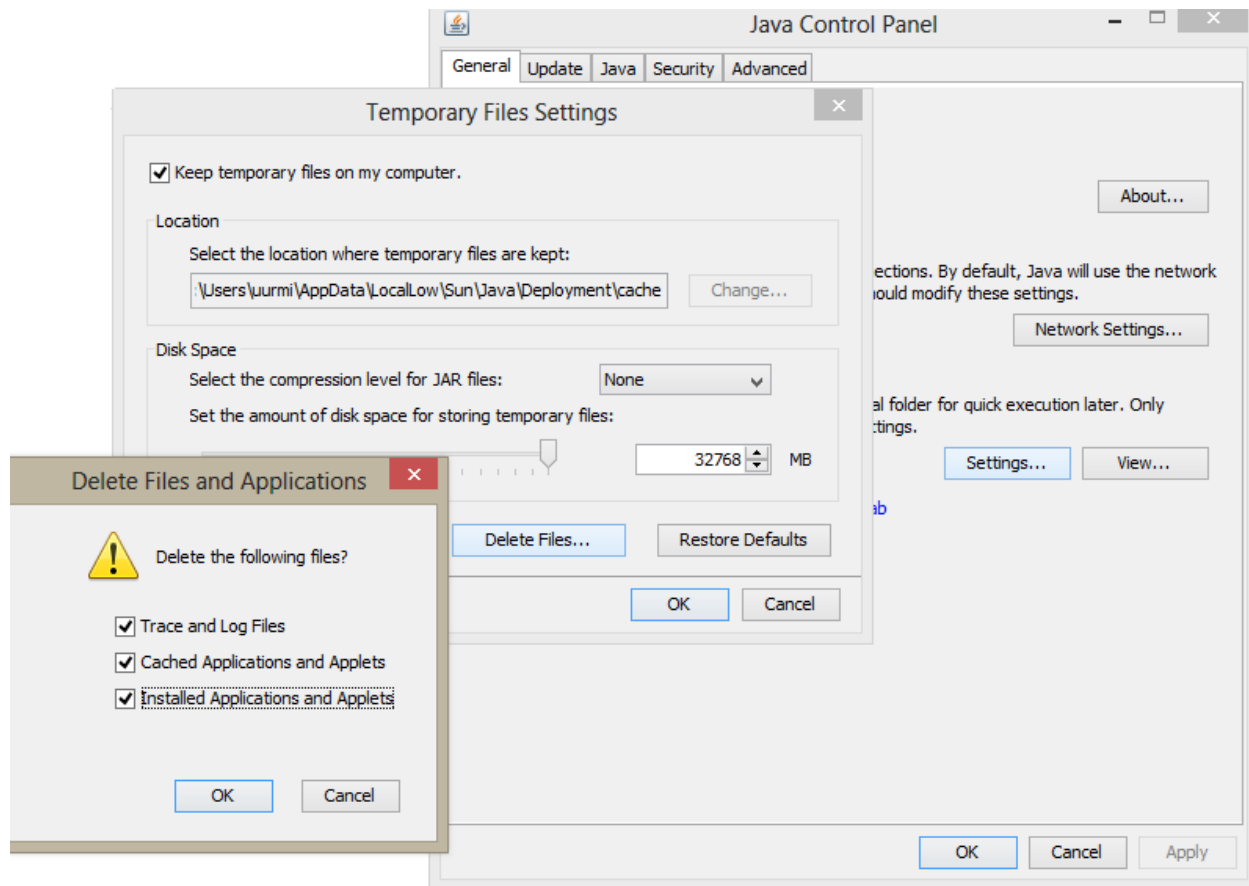
5. Close the Java applet and start IE and then access the web page hosting WebSign Applet.

Fix 2

1. Update the websignsunjvm.jar with the latest (version 11.2.0.1). The new jar has all the entries required to bypass the security warnings. Please make sure to update the version of the jar file in the HTML tags of the web page to 11.2.0.1

2. Open Java Control Panel Applet (Start->Programs->Control Panel-> Java) and clean the Plug-in cache. Go To General tab, click on Setting button under Temporary Internet Files and click on delete files. Make sure to check Installed Applications and Applets check box and click OK.
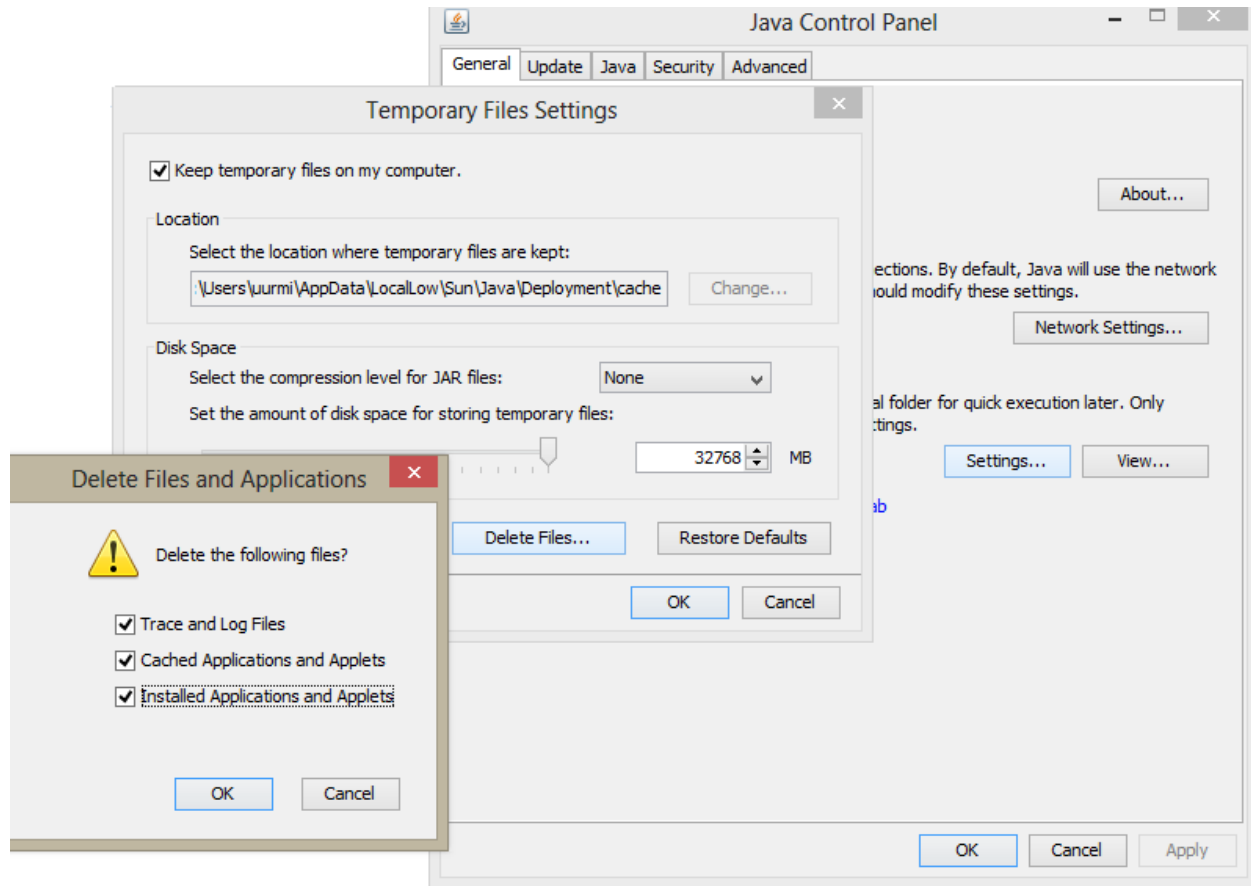
3. Close Java Applet, Start IE, Clean IE Temporary Internet Files then access the WebSign hosted web page. One will see the below dialog instead of the regular one.