Security Issue with JRE 1.7.0_51

Issue

With the 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 may 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.

x Do you want to run this application?			
Publisher: INTEGRISIGN Location: http://esignemcee.net			
This application will run with unrestricted access which may put your computer and personal information at risk. Run this application only if you trust the location and publisher above.			
Do not show this again for apps from the publisher and location above			
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. More Information			

2. java.lang.SecurityException: Missing required Permissions manifest attribute in main jar: http://demo.com/ISD/websignsunjvm.jar

Арр	lication Error	×
General Exception	l	0
Name: Sign SecurityException: Missing required Permissions manifest attribute in main jar: http://esignemcee.net/ISDOLD/websignsunjvm.jar OK More Information		

Fix

The security warning issue can be solved using either one of the following two fixes. The first one is a workaround 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 the trusted list in the Java Plug-in will resolve this issue. Follow the steps below:

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

2. Go to the Security Tab and click on the Edit Site List... Button under the Exception Site List section.

٩	Java Control Panel	- 🗆 ×
General Undate Java Security	Advanced	
<u>\$</u>	Exception Site List	×
Applications launched from the sites prompts.	s listed below will be allowed to run	after the appropriate security
Click Add to add an i	tem to this list.	
FILE and HTTP protocols are of We recommend using HTTPS si	onsidered a security risk. ites where available.	Add Remove
		OK Cancel
to add items to this list.		Edit Site List
	Restore Security Prompts	Manage Certificates
	Ok	Cancel Apply

3. Click on the Add button to enter the location, e.g., http://demo.com/ (the domain or server name where the applet is hosted or published) and click on the OK button. Adding non HTTPS sites may show some warning messages, ignore them.

List Exception Site List	×	
Applications launched from the sites listed below will be allowed to run after the appropriate s prompts.		
Location		
FILE and HTTP protocols are considered a security risk.	<u>A</u> dd <u>R</u> emove	
	OK Cancel	
	OK Cancel	

🛃 Java Control Panel – 🗆 🗙		
General Update Java Security Advanced		
✓ Enable Java content in the browser		
Security Level		
Very High		
- High (minimum recommended)		
- Medium		
Most secure setting - Only Java applications identified by a non-expired certificate from a trusted authority will be allowed to run.		
Exception Site List		
Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.		
http://demo.com		
Restore Security Prompts Manage Certificates		
OK Cancel Apply		

4. The next step is to clean the Plug-in cache. Go to the General tab, click on the Setting button under Temporary Internet Files and click on Delete Files. Make sure to check the Installed Applications and Applets check box and click OK.

	🛃 🛛 Java Contr	ol Panel – 🗆 🗙
	General Update Java Security Advanced	
Tempo	rary Files Settings	
✓ Keep temporary files on my computer. About. Location Select the location where temporary files are kept: About. \Users\uurmi\AppData\LocalLow\Sun\Java\Deployment\cache Change ections. By default, Java will use the net ould modify these settings. Disk Space Select the compression level for JAR files: None Network Settings Set the amount of disk space for storing temporary files: 32768 ♦ MB MB		
Delete the following files?	Delete Files Restore Defaults OK Cancel	ιb
 Trace and Log Files 		
 Cached Applications and Applets 		
Installed Applications and Applets OK Cancel		
		OK Cancel Apply

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 Plugin cache. Go to the General tab, click on the Setting button under Temporary Internet Files and click on Delete Files. Make sure to check the Installed Applications and Applets check box and click OK.

	🖆 Java Contr	ol Panel 🛛 – 🗆 🗙
	General Update Java Security Advanced	
Tempo	rary Files Settings	
Keep temporary files on my comput	er.	About
Location		
Select the location where tempora	ary files are kept:	ections. By default Java will use the network
:\Users\uurmi\AppData\LocalLow	\Sun\Java\Deployment\cache Change	ould modify these settings.
		Network Settings
Disk Space	AP fless	
Set the amount of disk space for	storing temporary files:	al folder for quick execution later. Only tings.
Delete Files and Applications	32768 - MB	Settings View
Delete the following files?	Delete Files Restore Defaults	_
	OK Cancel	
✓ Trace and Log Files		
Cached Applications and Applets		
 Installed Applications and Applets 		
OK Cancel		
		OK Cancel Apply

3. Close the Java Applet, Start IE, Clean IE Temporary Internet Files, then access the WebSign hosted web page. You will see the dialog below instead of the regular one.

x Do you want to run this application?			
	4	Name:	IntegriSign WebSign
	<u>چ</u>	Publisher:	INTEGRISIGN
		Location:	http://esignemcee.net
This application will run with unrestricted access which may put your computer and personal information at risk. Run this application only if you trust the location and publisher above.			
Do not show this again for apps from the publisher and location above			
1	<u>M</u> ore Inform	nation	<u>R</u> un Cancel