Ezenia InfoWorkSpace

Technical Bulletin TB09-007   Change Request: 9895

Title: Installing High-Security .JAR Files

Platform	Version	Operating System	Category
IWS Clients	3.0.6 and later	Windows or Solaris	Dynamic Client

Description:

The JCE policy files bundled in the JDK ™ 6 environment allow "strong" but limited encryption. You can download "unlimited strength" policy files from the Ezenia! FTP site, with no restrictions on encryption strength.

Please note that this download does *not* contain any encryption functionality, since such functionality is supported in Sun's JDK 6. This installation applies only to Sun's JDK 6, and assumes that the JDK 6 is already installed.

Action:

1. Download the "unlimited strength" JCE policy files from the Ezenia FTP site.

2. Uncompress and extract the downloaded file. This creates a subdirectory called jce.
    This directory contains the following files:

README.txt	Installation information
COPYRIGHT.html	Copyright information
local_policy.jar	Unlimited strength local policy file
US_export_policy.jar	Unlimited strength US export policy file

3. Make a copy of the original "strong" JCE policy files (US_export_policy.jar and local_policy.jar) in your standard place for JCE jurisdiction policy .jar files, in case you later decide to revert to these "strong" versions.

4. Replace the "strong" policy files with the "unlimited strength" versions extracted in step 2.

    The standard place for JCE jurisdiction policy .jar files is:

<java-home>/lib/security	(Solaris)
<java-home>\lib\security	(Windows)

    where *<java-home>* is the directory where the Java SE Runtime Environment (JRE) is installed.
    If you have JDK installed, the JRE should be immediately below it in the file hierarchy.
    (continued)

For technical support, please contact Ezenia Customer Support
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Examples, with JDK:

   /home/user1/jdk1.6.0/jre   (Solaris)
   C:\jdk1.6.0\jre   (Windows)

Examples, without JDK:

   /home/user1/jre1.6.0   (Solaris)
   C:\jre1.6.0   (Windows)

On Windows, for each JDK installation, there may be an additional JRE installed under the Program Files directory. Please make sure that you install the "unlimited strength" policy .jar files for all JREs you plan to use.

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