

1. Open the java.policy file, from the JRE's lib/security directory, in a text editor.

Ex: C:\Program Files\Java\jre1.6.0_17\lib\security\java.policy

or C:\Program Files\Java\jdk1.6.0_20\jre\lib\security\java.policy

(if you're using "Java 6 Update 20" and newer)

or C:\Program Files\Java\jre7\lib\security\java.policy


(if you're using "Java 7" and newer)

2. Add the following lines under the line "grant {":

```
permission java.util.PropertyPermission "*", "read";
permission java.io.FilePermission "<<ALL FILES>>", "read";
permission java.lang.RuntimePermission "stopThread";
permission java.lang.RuntimePermission "modifyThreadGroup";
permission java.lang.RuntimePermission "modifyThread";
permission java.net.SocketPermission "*", "connect,accept,resolve";
```

3. Save the file.

4. Open a new browser session and load the Java Viewer. The Viewer should load without errors.

 **ESRI is not responsible for issues or problems that may result due to the following security changes. See the Java Policy Permissions information in the Related Information section for more details on security options and risks.**

Source : <http://support.esri.com/index.cfm?fa=knowledgebase.techArticles.articleShow&d=26940>

Example: java.policy

```
// Standard extensions get all permissions by default

grant codeBase "file:${java.ext.dirs}/*" {
    permission java.security.AllPermission;
};

// default permissions granted to all domains

grant {

    // Used for CCTS & THCTS
    permission java.util.PropertyPermission "*", "read";
    permission java.io.FilePermission "<<ALL FILES>>", "read";
    permission java.lang.RuntimePermission "stopThread";
    permission java.lang.RuntimePermission "modifyThreadGroup";
    permission java.lang.RuntimePermission "modifyThread";
    permission java.net.SocketPermission "*", "connect,accept,resolve";

    // Allows any thread to stop itself using the java.lang.Thread.stop()
    // method that takes no argument.
    // Note that this permission is granted by default only to remain
    // backwards compatible.
    // It is strongly recommended that you either remove this permission
    // from this policy file or further restrict it to code sources
    // that you specify, because Thread.stop() is potentially unsafe.
    // See "http://java.sun.com/notes" for more information.
    permission java.lang.RuntimePermission "stopThread";

    // allows anyone to listen on un-privileged ports
    permission java.net.SocketPermission "localhost:1024-", "listen";

    // "standard" properties that can be read by anyone

    permission java.util.PropertyPermission "java.version", "read";
    permission java.util.PropertyPermission "java.vendor", "read";
    permission java.util.PropertyPermission "java.vendor.url", "read";
    permission java.util.PropertyPermission "java.class.version", "read";
    permission java.util.PropertyPermission "os.name", "read";
    permission java.util.PropertyPermission "os.version", "read";
    permission java.util.PropertyPermission "os.arch", "read";
    permission java.util.PropertyPermission "file.separator", "read";
    permission java.util.PropertyPermission "path.separator", "read";
    permission java.util.PropertyPermission "line.separator", "read";

    permission java.util.PropertyPermission "java.specification.version", "read";
    permission java.util.PropertyPermission "java.specification.vendor", "read";
    permission java.util.PropertyPermission "java.specification.name", "read";

    permission java.util.PropertyPermission "java.vm.specification.version", "read";
    permission java.util.PropertyPermission "java.vm.specification.vendor", "read";
    permission java.util.PropertyPermission "java.vm.specification.name", "read";
    permission java.util.PropertyPermission "java.vm.version", "read";
    permission java.util.PropertyPermission "java.vm.vendor", "read";
    permission java.util.PropertyPermission "java.vm.name", "read";
};
```