Install Java 8 for use with ESET Security Management Center 7 Web Console

Anish | ESET Nederland - 2018-08-20 - Comments (0) - Installation

Solution

You must have Java 8 installed for ESET Security Management Center 7 Web Console to function properly. Visit https://java.com/en/download/help/sysreq.xml to verify that Java 8 is compatible with your operating system.

Install Java 8 on Windows

1. Download the Java 8 installer from the Java website.
2. Run the downloaded Java installer.

Install Java 8 on Debian

1. Open a new Terminal window.
2. Switch to the `root` user:

   ```
   sudo su
   ```

3. Enter the root password.
4. Install the `default-jre` package:

   ```
   apt-get install default-jre
   ```

5. Install the `default-jdk` package:

   ```
   apt-get install default-jdk
   ```

6. Install the `software-properties-common` package:

   ```
   apt-get install software-properties-common
   ```

7. Add the Ubuntu Xenial repository:

   ```
   add-apt-repository "deb http://ppa.launchpad.net/webupd8team/java/ubuntu xenial main"
   ```

8. Update the list of packages available from the repositories:

   ```
   apt-get update
   ```

9. Install the `oracle-java8-installer` package:

   ```
   apt-get install oracle-java8-installer
   ```

10. Verify that Java 8 is installed:

    ```
    dpkg -l oracle-java8-installer
    ```

Configure Tomcat 8 to use Java 8 on Debian

Make sure that you are logged in as root.

1. Verify that the `tomcat8` package is installed:

   ```
   dpkg -l tomcat8
   ```

   If the `tomcat8` package is not installed, install it:

   ```
   apt-get install tomcat8
   ```

2. Open the tomcat8 configuration file in a text editor:

   ```
   nano /etc/default/tomcat8
   ```

3. Set Java 8 as the default for Tomcat. Edit the following line:

   Original line:

   ```
   #JAVA_HOME=/usr/lib/jvm/java-8-openjdk
   ```

Edited line:

```
JAVA_HOME=/usr/lib/jvm/java-8-oracle
```

1. If you are working in an enterprise environment, increase the memory size for Java to 2048 MB by editing the following line:

Original line:

```
JAVA_OPTS="-Xms512M -Xmx1024M"
```

Edited line:

```
JAVA_OPTS="-Xms512M -Xmx2048M"
```

1. Save your changes to the `tomcat8` file.
2. Restart the `tomcat8` service:

   ```
   service tomcat8 restart
   ```

Upgrade Java when upgrading from ERA Virtual Appliance 6.3 to ESMC Virtual Appliance 7

When upgrading from ERA 6.3 VA to ESMC 7 Virtual Appliance, you need to update both Java and Tomcat.

Virtual Appliance Upgrade Recommendation:

The recommended way to upgrade the Virtual Appliance is to pull the database to a new appliance, to keep your OS up to date.

Log in the ERA VA virtual machine terminal as root and proceed according to steps below.

1. Update your repository:

   ```
   yum makecache
   ```

2. Install Java OpenJDK package with its dependencies

   ```
   yum install java-1.8.0-openjdk.x86_64
   ```

3. Upgrade Tomcat to the latest version:

   ```
   yum install tomcat6
   ```

4. You can continue in upgrade to ESMC 7.