ESET Tech Center

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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 <u>https://java.com/en/download/help/sysreq.xml</u> 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.