

Java 8u102 patch update

On 19th of July 2016 Oracle issued an important security update for Java.

All customers are urged to take this new update, released by Oracle for Java 7 and 8.

Reason given by Oracle:

Multiple Flaws Let Remote Users Access and Modify Data and Deny Service, Local Users Modify Data, and Remote and Local Users Gain Elevated Privileges

There's a general description here: http://www.oracle.com/technetwork/security-advisory/cpujul2016-2881720.html?elq_mid=51331&sh=17220811220907190606131122072209082213151101330904&cmid=WWMK10067711MPP001C143#AppendixJAVA

and some more details here: <http://www.securitytracker.com/id/1036365>

Recommendation for STEP 7.4 and 8.0

Stibo Systems has made Oracles Java 8u102 patch update available for Trailblazer, applicable to STEP versions >= 7.4 (The November 2015 release).

These customers can patch their systems using SPOT and the recipe: `to:java/7.0/java-7.0.5.spr`

Recommendation for STEP 7.3

For STEP 7.3 the recommended version of java was java 8, but it had not yet been bundled with STEP and java 7 was still supported:

- Java 8 can be installed using the same recipe as for 7.4, but to make use of it Standalone.JavaHome has to be configured manually.

To install the bundled java 8 on STEP 7.3 run:

```
./spot --apply=to:java/7.0/java-7.0.5.spr --stopped
```

Then edit config.properties to point Standalone.JavaHome at the directory of the newly installed java 8u102 (this example works for linux, the windows path is different):

```
Standalone.JavaHome=resources/jdk/8.102.0-linux
```

Finally start the STEP system:

```
./spot --start
```

Recommendation for versions of STEP older than 7.2

- Java 7 is out of support, but customers with a support agreement with Oracle can access Java 7u111 and install it manually.