

May 2014

A potential security vulnerability (CVE-2014-0050, -0094, -0112, -0113) has been reported in the Apache Struts 2 third-party library used by FlexNet Operations versions 12.9, 12.8, and 12.7. This vulnerability could allow a remote attacker to execute code on the FlexNet Operations system or cause a denial-of-service condition on a server running Apache Struts 2. To mitigate the risk, Flexera Software is providing the following update procedure for the components identified as the potential vulnerability. *We strongly recommend that all FlexNet Operations customers perform this update as soon as possible.* Flexera Software recommends that you test this update in a staging or pre-production environment before applying it to your production environment.

IMPORTANT: If you reinstall FlexNet Operations or run **flexnet site make**, security updates are lost; you must reapply Security Update 1 and repeat the Security Update 2 procedure.

PREREQUISITE: Apply Security Update 1 if you have not already done so.

1. Stop FlexNet Operations.
2. Locate the directory into which FlexNet Operations was installed.

This directory is referred to as **<ops_install_dir>** in the *FlexNet Operations Installation Guide* and in this document. The default location of the installation directory is

- For Windows: **C:\Program files\Flexnet\publisher\ops**
- For Linux: **/opt/FLEXnet/publisher/ops**

However, a different location may have been selected when FlexNet Operations was installed.

3. From the same **.zip** archive from which you obtained this procedure, extract the 10 updated **.jar** files.
4. Go to **<ops_install_dir>\site\server\server\flexnet\deploy\flexnet.ear\flexnet.war\WEB-INF\lib** and replace each existing **.jar** file in this directory with its corresponding updated version, as shown in the table below.

Replace this existing .jar file	with this updated version
commons-fileupload-1.3	commons-fileupload-1.3.1
commons-lang3-3.1 (8/22/2013)	commons-lang3-3.1 (11/23/2013)
commons-logging-1.1.3 (8/22/2013)	commons-logging-1.1.3 (11/23/2013)
freemarker-2.3.19 (8/22/2013)	freemarker-2.3.19 (11/23/2013)
ognl-3.0.6 (8/22/2013)	ognl-3.0.6 (11/23/2013)
struts2-core-2.3.15.1	struts2-core-2.3.16.3
struts2-dojo-plugin-2.3.15.1	struts2-dojo-plugin-2.3.16.3
struts2-spring-plugin-2.3.15.1	struts2-spring-plugin-2.3.16.3
struts2-tiles-plugin-2.3.15.1	struts2-tiles-plugin-2.3.16.3
xwork-core-2.3.15.1	xwork-core-2.3.16.3

5. Restart FlexNet Operations.
6. In a clustered environment, perform steps 1 through 5 for each FlexNet Operations node.