

# S2-055

## Summary

A RCE vulnerability in the Jackson JSON library

<b>Who should read this</b>	All Struts 2 developers and users which are using the REST plugin
<b>Impact of vulnerability</b>	It is possible perform a RCE attack using a crafted JSON payload, please read the linked issue for more details <a href="https://github.com/FasterXML/jackson-databind/issues/1599">https://github.com/FasterXML/jackson-databind/issues/1599</a>
<b>Maximum security rating</b>	High
<b>Recommendation</b>	Upgrade to <a href="#">Struts 2.5.14.1</a>
<b>Affected Software</b>	Struts 2.5 - Struts 2.5.14
<b>Reporter</b>	David Dillard < david dot dillard at veritas dot com> - Veritas Technologies Product Security Group
<b>CVE Identifier</b>	Related to CVE-2017-7525

## Problem

A RCE vulnerability was detected in the latest Jackson JSON library, which was reported [here](#). Upgrade `com.fasterxml.jackson` to version 2.9.2 to address CVE-2017-7525.

## Solution

Upgrade to Apache Struts version 2.5.14.1. Another solution is to manually upgrade Jackson dependencies in your project to not vulnerable versions, see this [comment](#).

## Backward compatibility

No backward incompatibility issues are expected.

## Workaround

Upgrade Jackson JSON library to the latest version.