



# CVE-2012-4386

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2012-4386                                                                                                          |
| <b>State</b>           | PUBLIC                                                                                                                 |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                    |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                           |
| <b>Published</b>       | 2012-09-05 23:55:00 UTC                                                                                                |
| <b>Updated</b>         | 2017-08-29 01:32:00 UTC                                                                                                |
| <b>Description</b>     | The token check mechanism in Apache Struts 2.0.0 through 2.3.4 does not properly validate the token name configuration |

## Risk And Classification

### Problem Types: CWE-352

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                 | Product                | Version  | Update | Edition | Language |
|-------------|------------------------|------------------------|----------|--------|---------|----------|
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.0    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.1    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.10   | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.11   | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.11.1 | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.11.2 | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.12   | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.13   | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.14   | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.2    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.3    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.4    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.5    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.6    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.7    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.8    | All    | All     | All      |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.9    | All    | All     | All      |

|             |                        |                        |          |     |     |     |
|-------------|------------------------|------------------------|----------|-----|-----|-----|
|             |                        |                        |          |     |     |     |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.0    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.1    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.2    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.3    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.4    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.5    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.6    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.8    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.8.1  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.1    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.1.1  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.3    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.3.1  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.1    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.1.1  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.1.2  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.3    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.4    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.0    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.1    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.10   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.11   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.11.1 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.11.2 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.12   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.13   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.14   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.2    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.3    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.4    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.5    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.6    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.7    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.8    | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.0.9    | All | All | All |

|             |                        |                        |         |     |     |     |
|-------------|------------------------|------------------------|---------|-----|-----|-----|
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| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.1   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.2   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.3   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.4   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.5   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.6   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.8   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.1.8.1 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.1   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.1.1 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.3   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.2.3.1 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.1   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.1.1 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.1.2 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.3   | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Struts</a> | 2.3.4   | All | All | All |

| References                                                                              |  |  |  |         |                                                                                 |  |
|-----------------------------------------------------------------------------------------|--|--|--|---------|---------------------------------------------------------------------------------|--|
| Reference                                                                               |  |  |  | Source  | Link                                                                            |  |
| oss-security - CVE request: Apache Struts S2-010 and S2-011                             |  |  |  | MLIST   | <a href="http://www.openwall.com">www.openwall.com</a>                          |  |
| About Secunia Research   Flexera                                                        |  |  |  | SECUNIA | <a href="http://secunia.com">secunia.com</a>                                    |  |
| IBM X-Force Exchange                                                                    |  |  |  | XF      | <a href="https://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.com</a> |  |
| [WW-3858] Decouple token names from their respective session attribute names - ASF JIRA |  |  |  | CONFIRM | <a href="https://issues.apache.org">issues.apache.org</a>                       |  |
| 504 Gateway Time-out                                                                    |  |  |  | BID     | <a href="http://www.securityfocus.com">www.securityfocus.com</a>                |  |
| oss-security - Re: CVE request: Apache Struts S2-010 and S2-011                         |  |  |  | MLIST   | <a href="http://www.openwall.com">www.openwall.com</a>                          |  |
| S2-010 - Apache Struts 2 Wiki - Apache Software Foundation                              |  |  |  | CONFIRM | <a href="https://struts.apache.org">struts.apache.org</a>                       |  |
| CVE Program record                                                                      |  |  |  | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>                                    |  |
| NVD vulnerability detail                                                                |  |  |  | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                                 |  |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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