

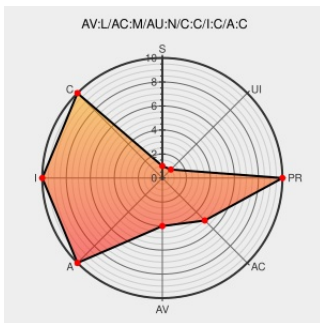


# CVE-2013-3954

Published on: 06/05/2013 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:28:31 PM UTC

## CVE-2013-3954

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Iphone Os](#) from [Apple](#) contain the following vulnerability:

The posix\_spawn system call in the XNU kernel in Apple Mac OS X 10.8.x does not properly validate the data for file actions and port actions, which allows local users to (1) cause a denial of service (panic) via a size value that is inconsistent with a header count field, or (2) obtain sensitive information from kernel heap memory via a certain size value in conjunction with a crafted buffer.

CVE-2013-3954 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **6.9 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description                                  | Tags                                                                                                     | Link                                                           |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| About the security content of iOS 7          | <a href="#">support.apple.com</a><br><a href="#">text/html</a>                                           | <a href="#">CONFIRM support.apple.com/kb/HT5934</a>            |
| APPLE-SA-2013-10-22-3 OS X Mavericks v10.9   | <a href="#">lists.apple.com</a><br><a href="#">text/html</a>                                             | <a href="#">APPLE APPLE-SA-2013-10-22-3</a>                    |
| SyScan'14 Singapore - Day 2 (4th April 2014) | <a href="#">web.archive.org</a><br><a href="#">text/html</a><br><b>Inactive Link</b> <b>Not Archived</b> | <a href="#">MISC www.syscan.org/index.php/sg/program/day/2</a> |

|                                                                                                                                                                                                             |                                                                                                                                                          |                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2014)                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                                                                                                                                                                         |
| Security Advisory SA54886 - Apple iOS Multiple Vulnerabilities - Secunia                                                                                                                                    | <a href="https://web.archive.org/text/html">web.archive.org</a><br><a href="#">text/html</a>                                                             |  SECUNIA 54886                                                                                                                                                                                         |
| 404 - Not Found                                                                                                                                                                                             | <a href="#">Exploit</a><br><a href="#">antid0te.com</a><br><a href="#">application/pdf</a><br><a href="#">Inactive Link</a> <a href="#">Not Archived</a> |  MISC<br><a href="https://antid0te.com/syscan_2013/SyScan2013_Mountain_Lion_iOS_Vulnerabilities_Garage_Sale_W">antid0te.com/syscan_2013/SyScan2013_Mountain_Lion_iOS_Vulnerabilities_Garage_Sale_W</a> |
| Apple iOS Multiple Bugs Let Remote Users Execute Arbitrary Code, Deny Service, Obtain Information, and Conduct Cross-Site Scripting Attacks and Let Applications Gain Elevated Privileges - SecurityTracker | <a href="https://www.securitytracker.com/text/html">www.securitytracker.com</a><br><a href="#">text/html</a>                                             |  SECTrack 1029054                                                                                                                                                                                      |
| APPLE-SA-2013-09-18-2 iOS 7                                                                                                                                                                                 | <a href="#">lists.apple.com</a><br><a href="#">text/html</a>                                                                                             |  APPLE APPLE-SA-2013-09-18-2                                                                                                                                                                         |

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](mailto:comment@cve.report).

There are currently no QIDs associated with this CVE

#### Known Affected Configurations (CPE V2.3)

| Type             | Vendor                | Product                   | Version | Update | Edition | Language |
|------------------|-----------------------|---------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | 1.0.0   | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | 1.0.1   | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | 1.0.2   | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | 1.1.0   | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | 1.1.1   | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | 1.1.2   | All    | All     | All      |

|                  |       |           |       |     |     |     |
|------------------|-------|-----------|-------|-----|-----|-----|
| System           |       |           |       |     |     |     |
| Operating System | Apple | Iphone Os | 1.1.3 | All | All | All |
| Operating System | Apple | Iphone Os | 1.1.4 | All | All | All |
| Operating System | Apple | Iphone Os | 1.1.5 | All | All | All |
| Operating System | Apple | Iphone Os | 2.0   | All | All | All |
| Operating System | Apple | Iphone Os | 2.0.0 | All | All | All |
| Operating System | Apple | Iphone Os | 2.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 2.0.2 | All | All | All |
| Operating System | Apple | Iphone Os | 2.1   | All | All | All |
| Operating System | Apple | Iphone Os | 2.1.1 | All | All | All |
| Operating System | Apple | Iphone Os | 2.2   | All | All | All |
| Operating System | Apple | Iphone Os | 2.2.1 | All | All | All |
| Operating System | Apple | Iphone Os | 3.0   | All | All | All |
| Operating System | Apple | Iphone Os | 3.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 3.1   | All | All | All |
| Operating System | Apple | Iphone Os | 3.1.2 | All | All | All |
| Operating System | Apple | Iphone Os | 3.1.3 | All | All | All |
| Operating System | Apple | Iphone Os | 3.2   | All | All | All |
| Operating System | Apple | Iphone Os | 3.2.1 | All | All | All |
| Operating System | Apple | Iphone Os | 3.2.2 | All | All | All |
| Operating System | Apple | Iphone Os | 4.0   | All | All | All |
| Operating System | Apple | Iphone Os | 4.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 4.0.2 | All | All | All |
| Operating        | Apple | Iphone Os | 4.1   | All | All | All |

|                  |       |           |       |     |     |     |
|------------------|-------|-----------|-------|-----|-----|-----|
| System           |       |           |       |     |     |     |
| Operating System | Apple | Iphone Os | 4.2.1 | All | All | All |
| Operating System | Apple | Iphone Os | 4.2.5 | All | All | All |
| Operating System | Apple | Iphone Os | 4.2.8 | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.0 | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.1 | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.2 | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.3 | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.5 | All | All | All |
| Operating System | Apple | Iphone Os | 5.0   | All | All | All |
| Operating System | Apple | Iphone Os | 5.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 5.1   | All | All | All |
| Operating System | Apple | Iphone Os | 5.1.1 | All | All | All |
| Operating System | Apple | Iphone Os | 6.0   | All | All | All |
| Operating System | Apple | Iphone Os | 6.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 6.0.2 | All | All | All |
| Operating System | Apple | Iphone Os | 6.1   | All | All | All |
| Operating System | Apple | Iphone Os | 6.1.2 | All | All | All |
| Operating System | Apple | Iphone Os | 6.1.3 | All | All | All |
| Operating System | Apple | Iphone Os | 1.0.0 | All | All | All |
| Operating System | Apple | Iphone Os | 1.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 1.0.2 | All | All | All |
| Operating System | Apple | Iphone Os | 1.1.0 | All | All | All |
| Operating        | Apple | Iphone Os | 1.1.1 | All | All | All |

| System           |       |           |       |     |     |     |
|------------------|-------|-----------|-------|-----|-----|-----|
| Operating System | Apple | Iphone Os | 1.1.2 | All | All | All |
| Operating System | Apple | Iphone Os | 1.1.3 | All | All | All |
| Operating System | Apple | Iphone Os | 1.1.4 | All | All | All |
| Operating System | Apple | Iphone Os | 1.1.5 | All | All | All |
| Operating System | Apple | Iphone Os | 2.0   | All | All | All |
| Operating System | Apple | Iphone Os | 2.0.0 | All | All | All |
| Operating System | Apple | Iphone Os | 2.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 2.0.2 | All | All | All |
| Operating System | Apple | Iphone Os | 2.1   | All | All | All |
| Operating System | Apple | Iphone Os | 2.1.1 | All | All | All |
| Operating System | Apple | Iphone Os | 2.2   | All | All | All |
| Operating System | Apple | Iphone Os | 2.2.1 | All | All | All |
| Operating System | Apple | Iphone Os | 3.0   | All | All | All |
| Operating System | Apple | Iphone Os | 3.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 3.1   | All | All | All |
| Operating System | Apple | Iphone Os | 3.1.2 | All | All | All |
| Operating System | Apple | Iphone Os | 3.1.3 | All | All | All |
| Operating System | Apple | Iphone Os | 3.2   | All | All | All |
| Operating System | Apple | Iphone Os | 3.2.1 | All | All | All |
| Operating System | Apple | Iphone Os | 3.2.2 | All | All | All |
| Operating System | Apple | Iphone Os | 4.0   | All | All | All |
| Operating System | Apple | Iphone Os | 4.0.1 | All | All | All |
| Operating System | Apple | Iphone Os | 4.0.2 | All | All | All |

| Operating System | Apple | Iphone Os | 4.1    | All | All | All |
|------------------|-------|-----------|--------|-----|-----|-----|
| Operating System | Apple | Iphone Os | 4.1    | All | All | All |
| Operating System | Apple | Iphone Os | 4.2.1  | All | All | All |
| Operating System | Apple | Iphone Os | 4.2.5  | All | All | All |
| Operating System | Apple | Iphone Os | 4.2.8  | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.0  | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.1  | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.2  | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.3  | All | All | All |
| Operating System | Apple | Iphone Os | 4.3.5  | All | All | All |
| Operating System | Apple | Iphone Os | 5.0    | All | All | All |
| Operating System | Apple | Iphone Os | 5.0.1  | All | All | All |
| Operating System | Apple | Iphone Os | 5.1    | All | All | All |
| Operating System | Apple | Iphone Os | 5.1.1  | All | All | All |
| Operating System | Apple | Iphone Os | 6.0    | All | All | All |
| Operating System | Apple | Iphone Os | 6.0.1  | All | All | All |
| Operating System | Apple | Iphone Os | 6.0.2  | All | All | All |
| Operating System | Apple | Iphone Os | 6.1    | All | All | All |
| Operating System | Apple | Iphone Os | 6.1.2  | All | All | All |
| Operating System | Apple | Iphone Os | 6.1.3  | All | All | All |
| Operating System | Apple | Iphone Os | All    | All | All | All |
| Operating System | Apple | Mac Os X  | 10.8.0 | All | All | All |
| Operating System | Apple | Mac Os X  | 10.8.1 | All | All | All |
| Operating System | Apple | Mac Os X  | 10.8.2 | All | All | All |

|                                           |       |          |        |     |     |     |
|-------------------------------------------|-------|----------|--------|-----|-----|-----|
| Operating System                          | Apple | Mac Os X | 10.8.2 | All | All | All |
| Operating System                          | Apple | Mac Os X | 10.8.3 | All | All | All |
| Operating System                          | Apple | Mac Os X | 10.8.4 | All | All | All |
| Operating System                          | Apple | Mac Os X | 10.8.0 | All | All | All |
| Operating System                          | Apple | Mac Os X | 10.8.1 | All | All | All |
| Operating System                          | Apple | Mac Os X | 10.8.2 | All | All | All |
| Operating System                          | Apple | Mac Os X | 10.8.3 | All | All | All |
| Operating System                          | Apple | Mac Os X | 10.8.4 | All | All | All |
| cpe:2.3:o:apple:iphone_os:1.0.0:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.0.1:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.0.2:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.1.0:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.1.1:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.1.2:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.1.3:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.1.4:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:1.1.5:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.0:*****:.*:   |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.0.0:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.0.1:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.0.2:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.1:*****:.*:   |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.1.1:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.2:*****:.*:   |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:2.2.1:*****:.*: |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:3.0:*****:.*:   |       |          |        |     |     |     |
| cpe:2.3:o:apple:iphone_os:3.0.1:*****:.*: |       |          |        |     |     |     |

|                                        |
|----------------------------------------|
| cpe:2.3:o:apple:iphone_os:3.1:*****:   |
| cpe:2.3:o:apple:iphone_os:3.1.2:*****: |
| cpe:2.3:o:apple:iphone_os:3.1.3:*****: |
| cpe:2.3:o:apple:iphone_os:3.2:*****:   |
| cpe:2.3:o:apple:iphone_os:3.2.1:*****: |
| cpe:2.3:o:apple:iphone_os:3.2.2:*****: |
| cpe:2.3:o:apple:iphone_os:4.0:*****:   |
| cpe:2.3:o:apple:iphone_os:4.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:4.0.2:*****: |
| cpe:2.3:o:apple:iphone_os:4.1:*****:   |
| cpe:2.3:o:apple:iphone_os:4.2.1:*****: |
| cpe:2.3:o:apple:iphone_os:4.2.5:*****: |
| cpe:2.3:o:apple:iphone_os:4.2.8:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.0:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.1:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.2:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.3:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.5:*****: |
| cpe:2.3:o:apple:iphone_os:5.0:*****:   |
| cpe:2.3:o:apple:iphone_os:5.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:5.1:*****:   |
| cpe:2.3:o:apple:iphone_os:5.1.1:*****: |
| cpe:2.3:o:apple:iphone_os:6.0:*****:   |
| cpe:2.3:o:apple:iphone_os:6.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:6.0.2:*****: |
| cpe:2.3:o:apple:iphone_os:6.1:*****:   |
| cpe:2.3:o:apple:iphone_os:6.1.2:*****: |
| cpe:2.3:o:apple:iphone_os:6.1.3:*****: |
|                                        |

|                                        |
|----------------------------------------|
| cpe:2.3:o:apple:iphone_os:1.0.0:*****: |
| cpe:2.3:o:apple:iphone_os:1.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:1.0.2:*****: |
| cpe:2.3:o:apple:iphone_os:1.1.0:*****: |
| cpe:2.3:o:apple:iphone_os:1.1.1:*****: |
| cpe:2.3:o:apple:iphone_os:1.1.2:*****: |
| cpe:2.3:o:apple:iphone_os:1.1.3:*****: |
| cpe:2.3:o:apple:iphone_os:1.1.4:*****: |
| cpe:2.3:o:apple:iphone_os:1.1.5:*****: |
| cpe:2.3:o:apple:iphone_os:2.0:*****:   |
| cpe:2.3:o:apple:iphone_os:2.0.0:*****: |
| cpe:2.3:o:apple:iphone_os:2.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:2.0.2:*****: |
| cpe:2.3:o:apple:iphone_os:2.1:*****:   |
| cpe:2.3:o:apple:iphone_os:2.1.1:*****: |
| cpe:2.3:o:apple:iphone_os:2.2:*****:   |
| cpe:2.3:o:apple:iphone_os:2.2.1:*****: |
| cpe:2.3:o:apple:iphone_os:3.0:*****:   |
| cpe:2.3:o:apple:iphone_os:3.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:3.1:*****:   |
| cpe:2.3:o:apple:iphone_os:3.1.2:*****: |
| cpe:2.3:o:apple:iphone_os:3.1.3:*****: |
| cpe:2.3:o:apple:iphone_os:3.2:*****:   |
| cpe:2.3:o:apple:iphone_os:3.2.1:*****: |
| cpe:2.3:o:apple:iphone_os:3.2.2:*****: |
| cpe:2.3:o:apple:iphone_os:4.0:*****:   |
| cpe:2.3:o:apple:iphone_os:4.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:4.0.2:*****: |
| cpe:2.3:o:apple:iphone_os:4.1:*****:   |

|                                        |
|----------------------------------------|
|                                        |
| cpe:2.3:o:apple:iphone_os:4.2.1:*****: |
| cpe:2.3:o:apple:iphone_os:4.2.5:*****: |
| cpe:2.3:o:apple:iphone_os:4.2.8:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.0:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.1:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.2:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.3:*****: |
| cpe:2.3:o:apple:iphone_os:4.3.5:*****: |
| cpe:2.3:o:apple:iphone_os:5.0:*****:   |
| cpe:2.3:o:apple:iphone_os:5.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:5.1:*****:   |
| cpe:2.3:o:apple:iphone_os:5.1.1:*****: |
| cpe:2.3:o:apple:iphone_os:6.0:*****:   |
| cpe:2.3:o:apple:iphone_os:6.0.1:*****: |
| cpe:2.3:o:apple:iphone_os:6.0.2:*****: |
| cpe:2.3:o:apple:iphone_os:6.1:*****:   |
| cpe:2.3:o:apple:iphone_os:6.1.2:*****: |
| cpe:2.3:o:apple:iphone_os:6.1.3:*****: |
| cpe:2.3:o:apple:iphone_os:*****:       |
| cpe:2.3:o:apple:mac_os_x:10.8.0:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.1:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.2:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.3:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.4:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.0:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.1:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.2:*****: |
| cpe:2.3:o:apple:mac_os_x:10.8.3:*****: |

cpe:2.3:o:apple:mac\_os\_x:10.8.4:\*:\*:\*:\*:\*:

No vendor comments have been submitted for this CVE

[← Previous ID](#)

[Next ID→](#)

© [CVE.report](#) 2023   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)