



# CVE-2013-4551

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

## Summary

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2013-4551                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                    |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                       |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                              |
| <b>Published</b>       | 2013-11-18 02:55:00 UTC                                                                                                   |
| <b>Updated</b>         | 2017-08-29 01:33:00 UTC                                                                                                   |
| <b>Description</b>     | Xen 4.2.x and 4.3.x, when nested virtualization is disabled, does not properly check the emulation paths for (1) VMLAUNCH |

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor              | Product             | Version | Update | Edition | Language |
|------------------|---------------------|---------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.0   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.1   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.2   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.3   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.3.0   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.3.1   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.0   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.1   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.2   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.2.3   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.3.0   | All    | All     | All      |
| Operating System | <a href="#">Xen</a> | <a href="#">Xen</a> | 4.3.1   | All    | All     | All      |

## References

| Reference                                                                                                              | Source  |
|------------------------------------------------------------------------------------------------------------------------|---------|
| Xen CVE-2013-4551 Remote Denial of Service Vulnerability                                                               | BID     |
| Xen VMX Permission Check Flaw Lets Local Users on the Guest System to Cause the Host System to Crash - SecurityTracker | SECTRAK |

|                                                                                                             |         |
|-------------------------------------------------------------------------------------------------------------|---------|
| oss-security - Xen Security Advisory 75 (CVE-2013-4551) - Host crash due to guest VMX instruction execution | MLIST   |
| openSUSE-SU-2013:1876-1: moderate: xen: security and bugfix update                                          | SUSE    |
| Gentoo Linux Documentation -- Xen: Multiple Vulnerabilities                                                 | GENTOO  |
| IBM X-Force Exchange                                                                                        | XF      |
| Security Advisory SA55398 - Xen HVM Guest VMLAUNCH / VMRESUME Denial of Service Vulnerability - Secunia     | SECUNIA |
| CVE Program record                                                                                          | CVE.ORG |
| NVD vulnerability detail                                                                                    | NVD     |



No vendor comments have been submitted for this CVE.

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

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