



# CVE-2012-4459

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2012-4459  |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | secalert@redhat.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2013-03-14 03:10:00 UTC  |
| <b>Updated</b>         | 2013-03-19 04:00:00 UTC  |
| <b>Description</b>     | Integer overflow in the qpid::framing::Buffer::checkAvailable function in Apache Qpid 0.20 and earlier allows remote attacks |

## Risk And Classification

### Problem Types: CWE-189

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------|---------|---------|--------|---------|----------|
| Application | Apache | Qpid    | 0.10    | All    | All     | All      |
| Application | Apache | Qpid    | 0.11    | All    | All     | All      |
| Application | Apache | Qpid    | 0.12    | All    | All     | All      |
| Application | Apache | Qpid    | 0.13    | All    | All     | All      |
| Application | Apache | Qpid    | 0.14    | All    | All     | All      |
| Application | Apache | Qpid    | 0.15    | All    | All     | All      |
| Application | Apache | Qpid    | 0.16    | All    | All     | All      |
| Application | Apache | Qpid    | 0.17    | All    | All     | All      |
| Application | Apache | Qpid    | 0.18    | All    | All     | All      |
| Application | Apache | Qpid    | 0.19    | All    | All     | All      |
| Application | Apache | Qpid    | 0.5     | All    | All     | All      |
| Application | Apache | Qpid    | 0.6     | All    | All     | All      |
| Application | Apache | Qpid    | 0.7     | All    | All     | All      |
| Application | Apache | Qpid    | 0.8     | All    | All     | All      |
| Application | Apache | Qpid    | 0.9     | All    | All     | All      |
| Application | Apache | Qpid    | All     | All    | All     | All      |
| Application | Apache | Qpid    | 0.10    | All    | All     | All      |

|             |                        |                      |      |     |     |     |
|-------------|------------------------|----------------------|------|-----|-----|-----|
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.11 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.12 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.13 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.14 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.15 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.16 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.17 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.18 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.19 | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.5  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.6  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.7  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.8  | All | All | All |
| Application | <a href="#">Apache</a> | <a href="#">Qpid</a> | 0.9  | All | All | All |

## References

| Reference  | Source  | Link                     |
|--|---------|--------------------------|
| 861241 – (CVE-2012-4459) CVE-2012-4459 qpid-cpp: crash due to qpid::framing::Buffer::checkAvailable() wraparound | MISC    | <a href="#">bugzilla</a> |
| Issue Navigator - ASF JIRA   | CONFIRM | <a href="#">issues</a>   |
| Red Hat Customer Portal  | REDHAT  | <a href="#">rhn.rec</a>  |
| Red Hat Customer Portal  | REDHAT  | <a href="#">rhn.rec</a>  |
| Security Advisory SA52516 - Red Hat update for Red Hat Enterprise MRG - Secunia                                  | SECUNIA | <a href="#">secunia</a>  |
| [QPID-4629] Improve validation of received amqp 0-10 frames - ASF JIRA   | CONFIRM | <a href="#">issues</a>   |
| [Apache-SVN] Revision 1453031  | CONFIRM | <a href="#">svn.ap</a>   |
| CVE Program record   | CVE.ORG | <a href="#">www.c</a>    |
| NVD vulnerability detail   | NVD     | <a href="#">nvd.nis</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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