



# CVE-2010-3678

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2010-3678                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | cve@mitre.org                                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2011-01-11 20:00:00 UTC                                                                                                    |
| <b>Updated</b>         | 2019-12-17 20:23:00 UTC                                                                                                    |
| <b>Description</b>     | Oracle MySQL 5.1 before 5.1.49 allows remote authenticated users to cause a denial of service (crash) via (1) IN or (2) CA |

## Risk And Classification

### Problem Types: CWE-399

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------|---------|---------|--------|---------|----------|
| Application | MySQL  | MySQL   | 5.1.23  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.31  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.32  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.34  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.37  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.5   | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.23  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.31  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.32  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.34  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.37  | All    | All     | All      |
| Application | MySQL  | MySQL   | 5.1.5   | All    | All     | All      |
| Application | Oracle | MySQL   | 5.1     | All    | All     | All      |
| Application | Oracle | MySQL   | 5.1.1   | All    | All     | All      |
| Application | Oracle | MySQL   | 5.1.10  | All    | All     | All      |
| Application | Oracle | MySQL   | 5.1.11  | All    | All     | All      |
| Application | Oracle | MySQL   | 5.1.12  | All    | All     | All      |

|             |        |       |        |     |     |     |
|-------------|--------|-------|--------|-----|-----|-----|
|             |        |       |        |     |     |     |
| Application | Oracle | Mysql | 5.1.13 | All | All | All |
| Application | Oracle | Mysql | 5.1.14 | All | All | All |
| Application | Oracle | Mysql | 5.1.15 | All | All | All |
| Application | Oracle | Mysql | 5.1.16 | All | All | All |
| Application | Oracle | Mysql | 5.1.17 | All | All | All |
| Application | Oracle | Mysql | 5.1.18 | All | All | All |
| Application | Oracle | Mysql | 5.1.19 | All | All | All |
| Application | Oracle | Mysql | 5.1.2  | All | All | All |
| Application | Oracle | Mysql | 5.1.20 | All | All | All |
| Application | Oracle | Mysql | 5.1.21 | All | All | All |
| Application | Oracle | Mysql | 5.1.22 | All | All | All |
| Application | Oracle | Mysql | 5.1.23 | a   | All | All |
| Application | Oracle | Mysql | 5.1.24 | All | All | All |
| Application | Oracle | Mysql | 5.1.25 | All | All | All |
| Application | Oracle | Mysql | 5.1.26 | All | All | All |
| Application | Oracle | Mysql | 5.1.27 | All | All | All |
| Application | Oracle | Mysql | 5.1.28 | All | All | All |
| Application | Oracle | Mysql | 5.1.29 | All | All | All |
| Application | Oracle | Mysql | 5.1.3  | All | All | All |
| Application | Oracle | Mysql | 5.1.30 | All | All | All |
| Application | Oracle | Mysql | 5.1.31 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.33 | All | All | All |
| Application | Oracle | Mysql | 5.1.34 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.35 | All | All | All |
| Application | Oracle | Mysql | 5.1.36 | All | All | All |
| Application | Oracle | Mysql | 5.1.37 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.38 | All | All | All |
| Application | Oracle | Mysql | 5.1.39 | All | All | All |
| Application | Oracle | Mysql | 5.1.4  | All | All | All |
| Application | Oracle | Mysql | 5.1.40 | All | All | All |
| Application | Oracle | Mysql | 5.1.40 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.41 | All | All | All |
| Application | Oracle | Mysql | 5.1.42 | All | All | All |
| Application | Oracle | Mysql | 5.1.43 | All | All | All |
| Application | Oracle | Mysql | 5.1.43 | sp1 | All | All |

|             |        |       |        |     |     |     |
|-------------|--------|-------|--------|-----|-----|-----|
| Application | Oracle | Mysql | 5.1.44 | All | All | All |
| Application | Oracle | Mysql | 5.1.45 | All | All | All |
| Application | Oracle | Mysql | 5.1.46 | All | All | All |
| Application | Oracle | Mysql | 5.1.46 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.47 | All | All | All |
| Application | Oracle | Mysql | 5.1.48 | All | All | All |
| Application | Oracle | Mysql | 5.1.6  | All | All | All |
| Application | Oracle | Mysql | 5.1.7  | All | All | All |
| Application | Oracle | Mysql | 5.1.8  | All | All | All |
| Application | Oracle | Mysql | 5.1.9  | All | All | All |
| Application | Oracle | Mysql | 5.1    | All | All | All |
| Application | Oracle | Mysql | 5.1.1  | All | All | All |
| Application | Oracle | Mysql | 5.1.10 | All | All | All |
| Application | Oracle | Mysql | 5.1.11 | All | All | All |
| Application | Oracle | Mysql | 5.1.12 | All | All | All |
| Application | Oracle | Mysql | 5.1.13 | All | All | All |
| Application | Oracle | Mysql | 5.1.14 | All | All | All |
| Application | Oracle | Mysql | 5.1.15 | All | All | All |
| Application | Oracle | Mysql | 5.1.16 | All | All | All |
| Application | Oracle | Mysql | 5.1.17 | All | All | All |
| Application | Oracle | Mysql | 5.1.18 | All | All | All |
| Application | Oracle | Mysql | 5.1.19 | All | All | All |
| Application | Oracle | Mysql | 5.1.2  | All | All | All |
| Application | Oracle | Mysql | 5.1.20 | All | All | All |
| Application | Oracle | Mysql | 5.1.21 | All | All | All |
| Application | Oracle | Mysql | 5.1.22 | All | All | All |
| Application | Oracle | Mysql | 5.1.23 | a   | All | All |
| Application | Oracle | Mysql | 5.1.24 | All | All | All |
| Application | Oracle | Mysql | 5.1.25 | All | All | All |
| Application | Oracle | Mysql | 5.1.26 | All | All | All |
| Application | Oracle | Mysql | 5.1.27 | All | All | All |
| Application | Oracle | Mysql | 5.1.28 | All | All | All |
| Application | Oracle | Mysql | 5.1.29 | All | All | All |
| Application | Oracle | Mysql | 5.1.3  | All | All | All |
| Application | Oracle | Mysql | 5.1.30 | All | All | All |
| Application | Oracle | Mysql | 5.1.31 | All | All | All |

|             |        |       |        |     |     |     |
|-------------|--------|-------|--------|-----|-----|-----|
| Application | Oracle | Mysql | 5.1.31 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.33 | All | All | All |
| Application | Oracle | Mysql | 5.1.34 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.35 | All | All | All |
| Application | Oracle | Mysql | 5.1.36 | All | All | All |
| Application | Oracle | Mysql | 5.1.37 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.38 | All | All | All |
| Application | Oracle | Mysql | 5.1.39 | All | All | All |
| Application | Oracle | Mysql | 5.1.4  | All | All | All |
| Application | Oracle | Mysql | 5.1.40 | All | All | All |
| Application | Oracle | Mysql | 5.1.40 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.41 | All | All | All |
| Application | Oracle | Mysql | 5.1.42 | All | All | All |
| Application | Oracle | Mysql | 5.1.43 | All | All | All |
| Application | Oracle | Mysql | 5.1.43 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.44 | All | All | All |
| Application | Oracle | Mysql | 5.1.45 | All | All | All |
| Application | Oracle | Mysql | 5.1.46 | All | All | All |
| Application | Oracle | Mysql | 5.1.46 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.47 | All | All | All |
| Application | Oracle | Mysql | 5.1.48 | All | All | All |
| Application | Oracle | Mysql | 5.1.6  | All | All | All |
| Application | Oracle | Mysql | 5.1.7  | All | All | All |
| Application | Oracle | Mysql | 5.1.8  | All | All | All |
| Application | Oracle | Mysql | 5.1.9  | All | All | All |

References

Reference

Oracle MySQL Prior to 5.1.49 'WITH ROLLUP' Denial Of Service Vulnerability

oss-security - Re: CVE Request -- MySQL v5.1.49 -- multiple DoS flaws

USN-1017-1: MySQL vulnerabilities | Ubuntu

Support / Security / Advisories // MDVSA-2011:012 | Mandriva

rhn.redhat.com | Red Hat Support

Support / Security / Advisories // MDVSA-2010:155 | Mandriva

Webmail : Solution de messagerie professionnelle - OVHcloud- OVH

Bug 628172 – CVE-2010-3678 MySQL: mysqld DoS (crash) by processing IN / CASE statements with NULL arguments (MySQL bug #54477)

|                                                                                     |
|-------------------------------------------------------------------------------------|
| MySQL :: MySQL 5.1 Reference Manual :: D.1.7 Changes in MySQL 5.1.49 (09 July 2010) |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                    |
| [security-announce] SUSE Security Summary Report: SUSE-SR:2010:019                  |
| About Secunia Research   Flexera                                                    |
| MySQL Bugs: #54477: Crash on IN / CASE with NULL arguments                          |
| USN-1397-1: MySQL vulnerabilities   Ubuntu                                          |
| CVE Program record                                                                  |
| NVD vulnerability detail                                                            |
| <div> <div></div> <div></div> </div>                                                |
| No vendor comments have been submitted for this CVE.                                |
| There are currently no legacy QID mappings associated with this CVE.                |

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