



# CVE-2012-1689

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

## Summary

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2012-1689                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>State</b>           | PUBLIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Assigner</b>        | secalert_us@oracle.com                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Published</b>       | 2012-07-17 22:55:00 UTC                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Updated</b>         | 2022-08-26 20:32:00 UTC                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>     | Unspecified vulnerability in Oracle MySQL Server 5.1.62 and earlier, and 5.5.22 and earlier, allows remote authenticated users to execute arbitrary code with root privileges on the target system. The vulnerability exists in the MySQL Server 5.1.62 and earlier, and 5.5.22 and earlier, due to a buffer overflow in the MySQL Server 5.1.62 and earlier, and 5.5.22 and earlier, which allows an attacker to execute arbitrary code with root privileges on the target system. |

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor  | Product | Version | Update | Edition | Language |
|-------------|---------|---------|---------|--------|---------|----------|
| Application | Mariadb | Mariadb | All     | 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 | 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 | 5.1.49 | All | All | All |
| Application | Oracle | Mysql | 5.1.49 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.50 | All | All | All |
| Application | Oracle | Mysql | 5.1.51 | All | All | All |
| Application | Oracle | Mysql | 5.1.52 | All | All | All |
| Application | Oracle | Mysql | 5.1.52 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.53 | All | All | All |
| Application | Oracle | Mysql | 5.1.54 | All | All | All |
| Application | Oracle | Mysql | 5.1.55 | All | All | All |
| Application | Oracle | Mysql | 5.1.56 | All | All | All |
| Application | Oracle | Mysql | 5.1.57 | All | All | All |
| Application | Oracle | Mysql | 5.1.58 | All | All | All |
| Application | Oracle | Mysql | 5.1.59 | All | All | All |
| Application | Oracle | Mysql | 5.1.6  | All | All | All |
| Application | Oracle | Mysql | 5.1.60 | All | All | All |
| Application | Oracle | Mysql | 5.1.61 | 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 | 5.5.0  | All | All | All |
| Application | Oracle | Mysql | 5.5.1  | All | All | All |
| Application | Oracle | Mysql | 5.5.10 | All | All | All |
| Application | Oracle | Mysql | 5.5.11 | All | All | All |
| Application | Oracle | Mysql | 5.5.12 | All | All | All |
| Application | Oracle | Mysql | 5.5.13 | All | All | All |
| Application | Oracle | Mysql | 5.5.14 | All | All | All |
| Application | Oracle | Mysql | 5.5.15 | All | All | All |
| Application | Oracle | Mysql | 5.5.16 | All | All | All |
| Application | Oracle | Mysql | 5.5.17 | All | All | All |

|             |        |       |        |     |     |     |
|-------------|--------|-------|--------|-----|-----|-----|
| Application | Oracle | Mysql | 5.5.17 | All | All | All |
| Application | Oracle | Mysql | 5.5.18 | All | All | All |
| Application | Oracle | Mysql | 5.5.19 | All | All | All |
| Application | Oracle | Mysql | 5.5.2  | All | All | All |
| Application | Oracle | Mysql | 5.5.20 | All | All | All |
| Application | Oracle | Mysql | 5.5.21 | All | All | All |
| Application | Oracle | Mysql | 5.5.22 | All | All | All |
| Application | Oracle | Mysql | 5.5.3  | All | All | All |
| Application | Oracle | Mysql | 5.5.4  | All | All | All |
| Application | Oracle | Mysql | 5.5.5  | All | All | All |
| Application | Oracle | Mysql | 5.5.6  | All | All | All |
| Application | Oracle | Mysql | 5.5.7  | All | All | All |
| Application | Oracle | Mysql | 5.5.9  | 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 | 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 | 5.1.49 | All | All | All |
| Application | Oracle | Mysql | 5.1.49 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.50 | All | All | All |
| Application | Oracle | Mysql | 5.1.51 | All | All | All |
| Application | Oracle | Mysql | 5.1.52 | All | All | All |
| Application | Oracle | Mysql | 5.1.52 | sp1 | All | All |
| Application | Oracle | Mysql | 5.1.53 | All | All | All |
| Application | Oracle | Mysql | 5.1.54 | All | All | All |
| Application | Oracle | Mysql | 5.1.55 | All | All | All |
| Application | Oracle | Mysql | 5.1.56 | All | All | All |
| Application | Oracle | Mysql | 5.1.57 | All | All | All |
| Application | Oracle | Mysql | 5.1.58 | All | All | All |

|                  |        |                              |        |     |     |     |
|------------------|--------|------------------------------|--------|-----|-----|-----|
| Application      | Oracle | Mysql                        | 5.1.59 | All | All | All |
| Application      | Oracle | Mysql                        | 5.1.6  | All | All | All |
| Application      | Oracle | Mysql                        | 5.1.60 | All | All | All |
| Application      | Oracle | Mysql                        | 5.1.61 | 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                        | 5.5.0  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.1  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.10 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.11 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.12 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.13 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.14 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.15 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.16 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.17 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.18 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.19 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.2  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.20 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.21 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.22 | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.3  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.4  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.5  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.6  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.7  | All | All | All |
| Application      | Oracle | Mysql                        | 5.5.9  | All | All | All |
| Application      | Oracle | Mysql                        | All    | All | All | All |
| Application      | Oracle | Mysql                        | All    | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop     | 6.0    | All | All | All |
| Operating System | Redhat | Enterprise Linux Eus         | 6.3    | All | All | All |
| Operating System | Redhat | Enterprise Linux Server      | 6.0    | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 6.0    | All | All | All |

| References                                                                        |          |                                                                                |      |           |
|-----------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------|------|-----------|
| Reference                                                                         | Source   | Link                                                                           | Tags |           |
| MySQL Multiple Bugs Let Remote Authenticated Users Deny Service - SecurityTracker | SECTrack | <a href="http://www.securitytracker.com">www.securitytracker.com</a>           |      |           |
| IBM X-Force Exchange                                                              | XF       | <a href="http://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.com</a> |      |           |
| Security Advisory SA51309 - Red Hat update for mysql - Secunia                    | SECUNIA  | <a href="http://secunia.com">secunia.com</a>                                   |      |           |
| About Secunia Research   Flexera                                                  | SECUNIA  | <a href="http://secunia.com">secunia.com</a>                                   |      |           |
| Support / Security / Advisories / / MDVSA-2013:150   Mandriva                     | MANDRIVA | <a href="http://www.mandriva.com">www.mandriva.com</a>                         |      |           |
| Red Hat Customer Portal                                                           | REDHAT   | <a href="http://rhn.redhat.com">rhn.redhat.com</a>                             |      |           |
| Gentoo Linux Documentation -- MySQL: Multiple vulnerabilities                     | GENTOO   | <a href="http://security.gentoo.org">security.gentoo.org</a>                   |      |           |
| 83980                                                                             | OSVDB    | <a href="http://osvdb.org">osvdb.org</a>                                       |      |           |
| Oracle MySQL Server CVE-2012-1689 Remote Security Vulnerability                   | BID      | <a href="http://www.securityfocus.com">www.securityfocus.com</a>               |      |           |
| Oracle Critical Patch Update - July 2012                                          | CONFIRM  | <a href="http://www.oracle.com">www.oracle.com</a>                             |      | Vendor    |
| CVE Program record                                                                | CVE.ORG  | <a href="http://www.cve.org">www.cve.org</a>                                   |      | Canonical |
| NVD vulnerability detail                                                          | NVD      | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                                 |      | Canonical |
| <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.              |          |                                                                                |      |           |