



# CVE-2007-3999

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

## Summary

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2007-3999                                                                                                          |
| <b>State</b>           | PUBLIC                                                                                                                 |
| <b>Assigner</b>        | cve@mitre.org                                                                                                          |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                           |
| <b>Published</b>       | 2007-09-05 10:17:00 UTC                                                                                                |
| <b>Updated</b>         | 2020-01-21 15:45:00 UTC                                                                                                |
| <b>Description</b>     | Stack-based buffer overflow in the svcauth_gss_validate function in lib/rpc/svc_auth_gss.c in the RPCSEC_GSS RPC libra |

## Risk And Classification

### Problem Types: CWE-119

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor              | Product                    | Version | Update | Edition | Language |
|-------------|---------------------|----------------------------|---------|--------|---------|----------|
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4     | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.1   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.2   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.3   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.4   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.5     | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.5.1   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.5.2   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.5.3   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.6     | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.6.1   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.6.2   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4     | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.1   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.2   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.3   | All    | All     | All      |
| Application | <a href="#">Mit</a> | <a href="#">Kerberos 5</a> | 1.4.4   | All    | All     | All      |

|             |     |            |       |     |     |     |
|-------------|-----|------------|-------|-----|-----|-----|
| Application | Mit | Kerberos 5 | 1.5   | All | All | All |
| Application | Mit | Kerberos 5 | 1.5.1 | All | All | All |
| Application | Mit | Kerberos 5 | 1.5.2 | All | All | All |
| Application | Mit | Kerberos 5 | 1.5.3 | All | All | All |
| Application | Mit | Kerberos 5 | 1.6   | All | All | All |
| Application | Mit | Kerberos 5 | 1.6.1 | All | All | All |
| Application | Mit | Kerberos 5 | 1.6.2 | All | All | All |

| References                                                                                                                        |  |  |  |  |  |         |
|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|---------|
| Reference                                                                                                                         |  |  |  |  |  | Source  |
| Debian update for krb5 - Advisories - Secunia                                                                                     |  |  |  |  |  | SECUNIA |
| APPLE-SA-2007-11-14 Mac OS X v10.4.11 and Security Update 2007-008                                                                |  |  |  |  |  | APPLE   |
| libtirpc "svcauth_gss_validate()" Buffer Overflow - Advisories - Secunia                                                          |  |  |  |  |  | SECUNIA |
| [SECURITY] Fedora 8 Update: libtirpc-0.1.7-15.fc8                                                                                 |  |  |  |  |  | FEDORA  |
| About Secunia Research   Flexera                                                                                                  |  |  |  |  |  | SECUNIA |
| librpcsecgss "svcauth_gss_validate()" Buffer Overflow - Advisories - Secunia                                                      |  |  |  |  |  | SECUNIA |
| Debian -- Security Information -- DSA-1367-1 krb5                                                                                 |  |  |  |  |  | DEBIAN  |
| Red Hat update for krb5 - Advisories - Secunia                                                                                    |  |  |  |  |  | SECUNIA |
| US-CERT Technical Cyber Security Alert TA07-319A -- Apple Updates for Multiple Vulnerabilities                                    |  |  |  |  |  | CERT    |
| Sun Solaris Kerberos RPCSEC_GSS Vulnerability - Advisories - Secunia                                                              |  |  |  |  |  | SECUNIA |
| 2007-0026                                                                                                                         |  |  |  |  |  | TRUSTE  |
| SecurityTracker.com Archives - Kerberos kadmind Stack Overflow and Uninitialized Pointer Lets Remote Users Execute Arbitrary Code |  |  |  |  |  | SECUNIA |
| Red Hat update for nfs-utils-lib - Advisories - Secunia                                                                           |  |  |  |  |  | SECUNIA |
| Mandriva update for librpcsecgss - Advisories - Secunia                                                                           |  |  |  |  |  | SECUNIA |
| ASA-2007-396 (RHSA-2007-0913)                                                                                                     |  |  |  |  |  | COGNOS  |
| SecurityReason - MIT krb5 Security Advisory 2007-006                                                                              |  |  |  |  |  | SRI     |
| rhn.redhat.com   Red Hat Support                                                                                                  |  |  |  |  |  | REDHAT  |
| Apple Mac OS X v10.4.11 2007-008 Multiple Security Vulnerabilities                                                                |  |  |  |  |  | BIDN    |
| Webmail - OVH                                                                                                                     |  |  |  |  |  | VULN    |
| web.mit.edu/Kerberos/advisories/MITKRB5-SA-2007-006.txt                                                                           |  |  |  |  |  | COMMIT  |
| US-CERT Vulnerability Note VU#883632                                                                                              |  |  |  |  |  | CERT    |
| SUSE Update for Multiple Packages - Advisories - Secunia                                                                          |  |  |  |  |  | SECUNIA |
| [SECURITY] Fedora 7 Update: krb5-1.6.1-3.fc7                                                                                      |  |  |  |  |  | FEDORA  |
| 201319                                                                                                                            |  |  |  |  |  | SUSE    |
| Avaya Products nfs-utils-lib Denial of Service - Advisories - Secunia                                                             |  |  |  |  |  | SECUNIA |

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|----------------------------------------------------------------------------------------|-----|
| Security Announcement                                                                  | SUS |
| Advisories   Mandriva                                                                  | MA  |
| ZDI-07-052                                                                             | MIS |
| rPSA-2007-0179-2 krb5 krb5-server krb5-services krb5-test krb5-workstation             | MLI |
| Kerberos Multiple Vulnerabilities - Advisories - Secunia                               | SEC |
| Apple Mac OS X Security Update Fixes Multiple Vulnerabilities - Advisories - Secunia   | SEC |
| SUSE Update for Multiple Packages - Advisories - Secunia                               | SEC |
| Debian -- Security Information -- DSA-1368-1 librpcsecgss                              | DEI |
| Repository / Oval Repository                                                           | OV  |
| Gentoo Linux Documentation -- RPCSEC_GSS library: Buffer overflow                      | GEI |
| Debian update for librpcsecgss - Advisories - Secunia                                  | SEC |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                       | VUI |
| Mandriva update for krb5 - Advisories - Secunia                                        | SEC |
| Advisories   Mandriva                                                                  | MA  |
| Gentoo Linux Documentation -- MIT Kerberos 5: Multiple vulnerabilities                 | GEI |
| Ubuntu update for krb5 and librpcsecgss - Advisories - Secunia                         | SEC |
| SecurityFocus                                                                          | BUK |
| Repository / Oval Repository                                                           | OV  |
| Bug 250973 – CVE-2007-3999 krb5 RPC library buffer overflow                            | MIS |
| 103060                                                                                 | SUI |
| USN-511-1: Kerberos vulnerability   Ubuntu                                             | UBI |
| rhn.redhat.com   Red Hat Support                                                       | REI |
| Security Announcement                                                                  | SUS |
| Trustix Update for Multiple Packages - Advisories - Secunia                            | SEC |
| IBM X-Force Exchange                                                                   | XF  |
| Gentoo update for librpcsecgss - Advisories - Secunia                                  | SEC |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                       | VUI |
| Fedora update for krb5 - Advisories - Secunia                                          | SEC |
| rPath update for krb5 - Advisories - Secunia                                           | SEC |
| SecurityFocus                                                                          | BUK |
| MIT Kerberos 5 KAdminD Server SVCAuth_GSS_Validate Stack Buffer Overflow Vulnerability | BID |
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH                       | VUI |
| Red Hat update for nfs-utils-lib - Advisories - Secunia                                | SEC |
| About the security content of Mac OS X 10.4.11 and Security Update 2007-008            | CO  |
| Gentoo update for mit-krb5 - Advisories - Secunia                                      | SEC |
| rhn.redhat.com   Red Hat Support                                                       | REI |

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|----------------------------------------------------------------------|-----|
| Webmail : Solution de messagerie professionnelle - OVHcloud- OVH     | VUI |
| CVE Program record                                                   | CVI |
| NVD vulnerability detail                                             | NVI |
| <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. |     |