



CVE-2009-4212

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

Summary

CVE	CVE-2009-4212
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-01-13 19:30:00 UTC
Updated	2026-04-23 00:35:47 UTC
Description	Multiple integer underflows in the (1) AES and (2) RC4 decryption functionality in the crypto library in MIT Kerberos 5 (aka k

Risk And Classification

Primary CVSS: v2.0 10 from nvd@nist.gov

AV:N/AC:L/Au:N/C:C/I:C/A:C

Problem Types: CWE-189 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:L/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mit	Kerberos	5-1.6.3	All	All	All

Application	Mit	Kerberos 5	1.3	All	All	All
Application	Mit	Kerberos 5	1.3.1	All	All	All
Application	Mit	Kerberos 5	1.3.2	All	All	All
Application	Mit	Kerberos 5	1.3.3	All	All	All
Application	Mit	Kerberos 5	1.3.4	All	All	All
Application	Mit	Kerberos 5	1.3.5	All	All	All
Application	Mit	Kerberos 5	1.3.6	All	All	All
Application	Mit	Kerberos 5	1.4	All	All	All
Application	Mit	Kerberos 5	1.4.1	All	All	All
Application	Mit	Kerberos 5	1.4.2	All	All	All
Application	Mit	Kerberos 5	1.4.3	All	All	All
Application	Mit	Kerberos 5	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
Application	Mit	Kerberos 5	1.7	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
MIT Kerberos AES and RC4 Decryption Integer Underflow Vulnerabilities	af
Security Advisory SA38203 - Fedora update for krb5 - Secunia	af
Security Advisory SA38140 - Debian update for krb5 - Secunia	af
USN-881-1: Kerberos vulnerability Ubuntu	af
Apple Mac OS X Security Update Fixes Multiple Vulnerabilities - Advisories - Community	af
Debian -- Security Information -- DSA-1969-1 krb5	af
Avaya Products Multiple Vulnerabilities - Advisories - Community	af
Sun Solaris Kerberos Integer Underflow Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com	af
web.mit.edu/kerberos/advisories/MITKRB5-SA-2009-004.txt	af
Security Advisory SA38140 - Debian update for krb5 - Secunia	af

Security Advisory ASA201005 - Red Hat update for krb5 - Secunia	af
[SECURITY] Fedora 11 Update: krb5-1.6.3-23.fc11	af
Repository / Oval Repository	af
sunsolve.sun.com/search/document.do	af
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af
[SECURITY] Fedora 12 Update: krb5-1.7-18.fc12	af
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af
rhn.redhat.com Red Hat Support	af
Repository / Oval Repository	af
Repository / Oval Repository	af
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af
sunsolve.sun.com/search/document.do	af
Bug 545015 – CVE-2009-4212 krb: KDC integer overflows in AES and RC4 decryption routines (MITKRB5-SA-2009-004)	af
Red Hat Customer Portal	af
Support / Security / Advisories // MDVSA-2010:006 Mandriva	af
About the security content of Security Update 2010-004 / Mac OS X v10.6.4	af
'[security bulletin] HPSBOV02682 SSRT100495 rev.1 - HP OpenVMS running Kerberos, Remote Denial of Ser' - MARC	af
ASA-2010-053 (RHSA-2010-0039)	af
Ubuntu update for krb5 - Secunia Advisories - Vulnerability Information - Secunia.com	af
APPLE-SA-2010-06-15-1 Security Update 2010-004 / Mac OS X v10.6.4	af
Kerberos AES and RC4 Integer Underflow May Let Remote Users Execute Arbitrary Code - SecurityTracker	af
Kerberos KDC RC4 and AES Decryption Integer Underflow Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com	af
CVE Program record	C'
NVD vulnerability detail	N'



No vendor comments have been submitted for this CVE.

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

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