



CVE-2009-0688

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2009-0688
State	PUBLIC
Assigner	cert@cert.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-05-15 15:30:00 UTC
Updated	2017-09-29 01:33:00 UTC
Description	Multiple buffer overflows in the CMU Cyrus SASL library before 2.1.23 might allow remote attackers to execute arbitrary code

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Carnegie Mellon University	Cyrus-sasl	1.4.1	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.0	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.10	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.11	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.13	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.15	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.16	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.2	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.20	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.21	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.22	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.23	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.24	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.26	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.27	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.28	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.3	All	All	All

Application	Carnegie Mellon University	Cyrus-sasl	1.5.5	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.0.0	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.0.1	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.0.2	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.0.3	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.0.4	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.0.5	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.0	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.1	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.10	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.11	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.12	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.13	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.14	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.15	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.16	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.17	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.18	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.19	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.2	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.20	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.21	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.3	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.5	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.6	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.7	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.8	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.9	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.4.1	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.0	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.10	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.11	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.13	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.15	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	1.5.16	All	All	All

Application	Carnegie Mellon University	Cyrus-sasl	2.1.7	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.8	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	2.1.9	All	All	All
Application	Carnegie Mellon University	Cyrus-sasl	All	All	All	All

References

Reference

Sun Solaris SASL Library Buffer Overflow Vulnerability - Secunia Advisories - Vulnerability Information - Secunia.com

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ASA-2009-184 (SUN 259148)

Cyrus SASL 'sasl_encode64()' Remote Buffer Overflow Vulnerability

Oracle Critical Patch Update Advisory - April 2010

USN-790-1: Cyrus SASL vulnerability | Ubuntu

US-CERT Vulnerability Note VU#238019

<ftp.andrew.cmu.edu/pub/cyrus-mail/cyrus-sasl-2.1.23.tar.gz>

Cyrus SASL Buffer Overflow in sasl_encode64 Lets Remote Users Execute Arbitrary Code - SecurityTracker

US-CERT Technical Cyber Security Alert TA10-103B -- Oracle Updates for Multiple Vulnerabilities

Repository / Oval Repository

#259148: Security Vulnerability in the Solaris Simple Authentication and Security Layer (SASL) Library (see libsas(3LIB)) Routine sasl_encode64

Gentoo update for cyrus-sasl - Secunia Advisories - Vulnerability Information - Secunia.com

Debian -- Security Information -- DSA-1807-1 cyrus-sasl2, cyrus-sasl2-heimdal

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Advisories:rPSA-2009-0091 - rPath Wiki

rPath update for cyrus-sasl - Secunia Advisories - Vulnerability Information - Secunia.com

APPLE-SA-2010-03-29-1 Security Update 2010-002 / Mac OS X v10.6.3

Slackware update for cyrus-sasl - Secunia Advisories - Vulnerability Information - Secunia.com

Red Hat update for cyrus-imapd - Secunia.com

#273910: This Alert covers CVE-2009-2404 and CVE-2009-0688 for the Directory Server component of the Sun ONE Directory Server and Sun Java System Directory Server

SUSE Update for Multiple Packages - Advisories - Community

1020755

Avaya CMS Solaris SASL Library Buffer Overflow Vulnerability - Secunia Advisories - Vulnerability Information - Secunia.com

Webmail : Solution de messagerie professionnelle - OVHcloud- OVH

Sun Java System Directory Server Two Vulnerabilities - Secunia.com

Support / Security / Advisories // MDVSA-2009:113 | Mandriva

Debian update for cyrus-sasl2 and cyrus-sasl2-heimdal - Secunia.com

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Repository / Oval Repository

The Slackware Linux Project: Slackware Security Advisories

1021699

Webmail : Solution de messagerie professionnelle - OVHcloud- OVH

Cyrus SASL "sasl_encode64()" Buffer Overflow Vulnerability - Secunia Advisories - Vulnerability Information - Secunia.com

About the security content of Security Update 2010-002 / Mac OS X v10.6.3

IBM X-Force Exchange

Gentoo Linux Documentation -- Cyrus-SASL: Execution of arbitrary code

[security-announce] SUSE Security Summary Report: SUSE-SR:2009:011

Support

CVE Program record

NVD vulnerability detail



Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2009-06-19	Tomas Hoger	The upstream fix for this issue is not backwards compatible and introduces an ABI change not



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

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