



CVE-2010-4644

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2010-4644
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-01-07 19:00:20 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Multiple memory leaks in rev_hunt.c in Apache Subversion before 1.6.15 allow remote authenticated users to cause a denial of service (DoS) by sending a large number of requests to the server. The vulnerability exists in the rev_hunt.c file, which is part of the Subversion client. The issue is caused by a memory leak in the rev_hunt.c file, which is triggered when a large number of requests are sent to the server. This can cause the server to run out of memory and become unresponsive.

Risk And Classification

Primary CVSS: v2.0 3.5 from nvd@nist.gov

AV:N/AC:M/Au:S/C:N/I:N/A:P

Problem Types: CWE-399 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

Single

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:M/Au:S/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Subversion	0.10.0	All	All	All

Application	Apache	Subversion	0.10.1	All	All	All
Application	Apache	Subversion	0.10.2	All	All	All
Application	Apache	Subversion	0.11.1	All	All	All
Application	Apache	Subversion	0.12.0	All	All	All
Application	Apache	Subversion	0.13.0	All	All	All
Application	Apache	Subversion	0.13.1	All	All	All
Application	Apache	Subversion	0.13.2	All	All	All
Application	Apache	Subversion	0.14.0	All	All	All
Application	Apache	Subversion	0.14.1	All	All	All
Application	Apache	Subversion	0.14.2	All	All	All
Application	Apache	Subversion	0.14.3	All	All	All
Application	Apache	Subversion	0.14.4	All	All	All
Application	Apache	Subversion	0.14.5	All	All	All
Application	Apache	Subversion	0.15	All	All	All
Application	Apache	Subversion	0.16	All	All	All
Application	Apache	Subversion	0.16.1	All	All	All
Application	Apache	Subversion	0.17.0	All	All	All
Application	Apache	Subversion	0.17.1	All	All	All
Application	Apache	Subversion	0.18.0	All	All	All
Application	Apache	Subversion	0.18.1	All	All	All
Application	Apache	Subversion	0.19.0	All	All	All
Application	Apache	Subversion	0.19.1	All	All	All
Application	Apache	Subversion	0.20.0	All	All	All
Application	Apache	Subversion	0.20.1	All	All	All
Application	Apache	Subversion	0.21.0	All	All	All
Application	Apache	Subversion	0.22.0	All	All	All
Application	Apache	Subversion	0.22.1	All	All	All
Application	Apache	Subversion	0.22.2	All	All	All
Application	Apache	Subversion	0.23.0	All	All	All
Application	Apache	Subversion	0.24.0	All	All	All
Application	Apache	Subversion	0.24.1	All	All	All
Application	Apache	Subversion	0.24.2	All	All	All
Application	Apache	Subversion	0.25.0	All	All	All
Application	Apache	Subversion	0.26.0	All	All	All
Application	Apache	Subversion	0.27.0	All	All	All
Application	Apache	Subversion	0.28.0	All	All	All

Application	Apache	Subversion	0.28.1	All	All	All
Application	Apache	Subversion	0.28.2	All	All	All
Application	Apache	Subversion	0.29.0	All	All	All
Application	Apache	Subversion	0.30.0	All	All	All
Application	Apache	Subversion	0.31.0	All	All	All
Application	Apache	Subversion	0.32.1	All	All	All
Application	Apache	Subversion	0.33.0	All	All	All
Application	Apache	Subversion	0.33.1	All	All	All
Application	Apache	Subversion	0.34.0	All	All	All
Application	Apache	Subversion	0.35.0	All	All	All
Application	Apache	Subversion	0.35.1	All	All	All
Application	Apache	Subversion	0.36.0	All	All	All
Application	Apache	Subversion	0.37.0	All	All	All
Application	Apache	Subversion	0.6	All	All	All
Application	Apache	Subversion	0.7	All	All	All
Application	Apache	Subversion	0.8	All	All	All
Application	Apache	Subversion	0.9	All	All	All
Application	Apache	Subversion	1.0.0	All	All	All
Application	Apache	Subversion	1.0.1	All	All	All
Application	Apache	Subversion	1.0.2	All	All	All
Application	Apache	Subversion	1.0.3	All	All	All
Application	Apache	Subversion	1.0.4	All	All	All
Application	Apache	Subversion	1.0.5	All	All	All
Application	Apache	Subversion	1.0.6	All	All	All
Application	Apache	Subversion	1.0.7	All	All	All
Application	Apache	Subversion	1.0.8	All	All	All
Application	Apache	Subversion	1.0.9	All	All	All
Application	Apache	Subversion	1.1.0	All	All	All
Application	Apache	Subversion	1.1.1	All	All	All
Application	Apache	Subversion	1.1.2	All	All	All
Application	Apache	Subversion	1.1.3	All	All	All
Application	Apache	Subversion	1.1.4	All	All	All
Application	Apache	Subversion	1.2.0	All	All	All
Application	Apache	Subversion	1.2.1	All	All	All
Application	Apache	Subversion	1.2.2	All	All	All

Application	Apache	Subversion	1.2.3	All	All	All
Application	Apache	Subversion	1.3.0	All	All	All
Application	Apache	Subversion	1.3.1	All	All	All
Application	Apache	Subversion	1.3.2	All	All	All
Application	Apache	Subversion	1.4.0	All	All	All
Application	Apache	Subversion	1.4.1	All	All	All
Application	Apache	Subversion	1.4.2	All	All	All
Application	Apache	Subversion	1.4.3	All	All	All
Application	Apache	Subversion	1.4.4	All	All	All
Application	Apache	Subversion	1.4.5	All	All	All
Application	Apache	Subversion	1.4.6	All	All	All
Application	Apache	Subversion	1.5.0	All	All	All
Application	Apache	Subversion	1.5.1	All	All	All
Application	Apache	Subversion	1.5.2	All	All	All
Application	Apache	Subversion	1.5.3	All	All	All
Application	Apache	Subversion	1.5.4	All	All	All
Application	Apache	Subversion	1.5.5	All	All	All
Application	Apache	Subversion	1.5.6	All	All	All
Application	Apache	Subversion	1.5.7	All	All	All
Application	Apache	Subversion	1.5.8	All	All	All
Application	Apache	Subversion	1.6.0	All	All	All
Application	Apache	Subversion	1.6.1	All	All	All
Application	Apache	Subversion	1.6.10	All	All	All
Application	Apache	Subversion	1.6.11	All	All	All
Application	Apache	Subversion	1.6.12	All	All	All
Application	Apache	Subversion	1.6.13	All	All	All
Application	Apache	Subversion	1.6.2	All	All	All
Application	Apache	Subversion	1.6.3	All	All	All
Application	Apache	Subversion	1.6.4	All	All	All
Application	Apache	Subversion	1.6.5	All	All	All
Application	Apache	Subversion	1.6.6	All	All	All
Application	Apache	Subversion	1.6.7	All	All	All
Application	Apache	Subversion	1.6.8	All	All	All
Application	Apache	Subversion	1.6.9	All	All	All
Application	Apache	Subversion	m1	All	All	All
Application	Apache	Subversion	0	All	All	All

Application	Apache	Subversion	m2	All	All	All
Application	Apache	Subversion	m3	All	All	All
Application	Apache	Subversion	m4\m5	All	All	All
Application	Apache	Subversion	All	All	All	All

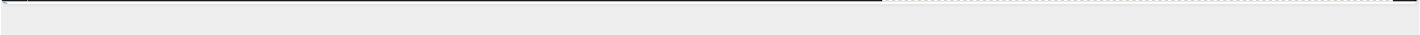
Vendor Declared Affected Products

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

References

Reference	Source
svnserve.exe (Win32) using 2GB of memory and then crashing?	af854a3a-2127-422b-91e
Support	af854a3a-2127-422b-91e
oss-security - CVE request for subversion	af854a3a-2127-422b-91e
IBM X-Force Exchange	af854a3a-2127-422b-91e
Apache Subversion Two Denial of Service Vulnerabilities - Advisories - Community	af854a3a-2127-422b-91e
Apache Subversion Server Component Multiple Remote Denial Of Service Vulnerabilities	af854a3a-2127-422b-91e
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91e
svn.apache.org/repos/asf/subversion/tags/1.6.15/CHANGES	af854a3a-2127-422b-91e
Subversion 'rev_hunt.c' Memory Consumption Error Lets Remote Users Execute Arbitrary Code - SecurityTracker	af854a3a-2127-422b-91e
USN-1053-1: Subversion vulnerabilities Ubuntu	af854a3a-2127-422b-91e
Support	af854a3a-2127-422b-91e
Webmail OVH- OVH	af854a3a-2127-422b-91e
Webmail OVH- OVH	af854a3a-2127-422b-91e
Support / Security / Advisories // MDVSA-2011:006 Mandriva	af854a3a-2127-422b-91e
Apache Subversion 1.6.15 Released	af854a3a-2127-422b-91e
oss-security - Re: CVE request for subversion	af854a3a-2127-422b-91e
[security-announce] SUSE Security Summary Report: SUSE-SR:2011:005	af854a3a-2127-422b-91e
oss-security - Re: CVE request for subversion	af854a3a-2127-422b-91e
Security Advisory SA43115 - Red Hat update for subversion - Secunia	af854a3a-2127-422b-91e
Fedora update for subversion - Secunia.com	af854a3a-2127-422b-91e
[Apache-SVN] Revision 1032808	af854a3a-2127-422b-91e
Ubuntu update for subversion - Advisories - Community	af854a3a-2127-422b-91e
Webmail OVH- OVH	af854a3a-2127-422b-91e
Red Hat update for subversion - Secunia.com	af854a3a-2127-422b-91e
[SECURITY] Fedora 14 Update: subversion-1.6.15-1.fc14	af854a3a-2127-422b-91e
oss-security - Re: CVE request for subversion	af854a3a-2127-422b-91e

oss-security - [REDACTED] CVE request for subversion	af854a3a-2127-422b-91a
Subversion Dev: "svn blame -g" causing svnserve to hang & mem usage to hit 2GB	af854a3a-2127-422b-91a
svnserve.exe (Win32) using 2GB of memory and then crashing?	MITRE
Apache Subversion 1.6.15 Released	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD



No vendor comments have been submitted for this CVE.

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