



CVE-2012-0840

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

Summary

CVE	CVE-2012-0840
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-02-10 19:55:00 UTC
Updated	2023-11-07 02:10:00 UTC
Description	tables/apr_hash.c in the Apache Portable Runtime (APR) library through 1.4.5 computes hash values without restricting the

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Portable Runtime	0.9.1	All	All	All
Application	Apache	Portable Runtime	0.9.16-dev	All	All	All
Application	Apache	Portable Runtime	0.9.2	All	All	All
Application	Apache	Portable Runtime	0.9.2-dev	All	All	All
Application	Apache	Portable Runtime	0.9.3	All	All	All
Application	Apache	Portable Runtime	0.9.3-dev	All	All	All
Application	Apache	Portable Runtime	0.9.4	All	All	All
Application	Apache	Portable Runtime	0.9.5	All	All	All
Application	Apache	Portable Runtime	0.9.6	All	All	All
Application	Apache	Portable Runtime	0.9.7	All	All	All
Application	Apache	Portable Runtime	0.9.7-dev	All	All	All
Application	Apache	Portable Runtime	0.9.8	All	All	All
Application	Apache	Portable Runtime	0.9.9	All	All	All
Application	Apache	Portable Runtime	1.3.0	All	All	All
Application	Apache	Portable Runtime	1.3.1	All	All	All
Application	Apache	Portable Runtime	1.3.10	All	All	All
Application	Apache	Portable Runtime	1.3.11	All	All	All

Application	Apache	Portable Runtime	1.3.12	All	All	All
Application	Apache	Portable Runtime	1.3.13	All	All	All
Application	Apache	Portable Runtime	1.3.2	All	All	All
Application	Apache	Portable Runtime	1.3.3	All	All	All
Application	Apache	Portable Runtime	1.3.4	All	All	All
Application	Apache	Portable Runtime	1.3.4-dev	All	All	All
Application	Apache	Portable Runtime	1.3.5	All	All	All
Application	Apache	Portable Runtime	1.3.6	All	All	All
Application	Apache	Portable Runtime	1.3.6-dev	All	All	All
Application	Apache	Portable Runtime	1.3.7	All	All	All
Application	Apache	Portable Runtime	1.3.8	All	All	All
Application	Apache	Portable Runtime	1.3.9	All	All	All
Application	Apache	Portable Runtime	1.4.0	All	All	All
Application	Apache	Portable Runtime	1.4.1	All	All	All
Application	Apache	Portable Runtime	1.4.2	All	All	All
Application	Apache	Portable Runtime	1.4.3	All	All	All
Application	Apache	Portable Runtime	1.4.4	All	All	All
Application	Apache	Portable Runtime	0.9.1	All	All	All
Application	Apache	Portable Runtime	0.9.16-dev	All	All	All
Application	Apache	Portable Runtime	0.9.2	All	All	All
Application	Apache	Portable Runtime	0.9.2-dev	All	All	All
Application	Apache	Portable Runtime	0.9.3	All	All	All
Application	Apache	Portable Runtime	0.9.3-dev	All	All	All
Application	Apache	Portable Runtime	0.9.4	All	All	All
Application	Apache	Portable Runtime	0.9.5	All	All	All
Application	Apache	Portable Runtime	0.9.6	All	All	All
Application	Apache	Portable Runtime	0.9.7	All	All	All
Application	Apache	Portable Runtime	0.9.7-dev	All	All	All
Application	Apache	Portable Runtime	0.9.8	All	All	All
Application	Apache	Portable Runtime	0.9.9	All	All	All
Application	Apache	Portable Runtime	1.3.0	All	All	All
Application	Apache	Portable Runtime	1.3.1	All	All	All
Application	Apache	Portable Runtime	1.3.10	All	All	All
Application	Apache	Portable Runtime	1.3.11	All	All	All
Application	Apache	Portable Runtime	1.3.12	All	All	All

Application	Apache	Portable Runtime	1.3.13	All	All	All
Application	Apache	Portable Runtime	1.3.2	All	All	All
Application	Apache	Portable Runtime	1.3.3	All	All	All
Application	Apache	Portable Runtime	1.3.4	All	All	All
Application	Apache	Portable Runtime	1.3.4-dev	All	All	All
Application	Apache	Portable Runtime	1.3.5	All	All	All
Application	Apache	Portable Runtime	1.3.6	All	All	All
Application	Apache	Portable Runtime	1.3.6-dev	All	All	All
Application	Apache	Portable Runtime	1.3.7	All	All	All
Application	Apache	Portable Runtime	1.3.8	All	All	All
Application	Apache	Portable Runtime	1.3.9	All	All	All
Application	Apache	Portable Runtime	1.4.0	All	All	All
Application	Apache	Portable Runtime	1.4.1	All	All	All
Application	Apache	Portable Runtime	1.4.2	All	All	All
Application	Apache	Portable Runtime	1.4.3	All	All	All
Application	Apache	Portable Runtime	1.4.4	All	All	All
Application	Apache	Portable Runtime	All	All	All	All

References

Reference	Source	Link	Tags
svn commit: r1231605 - /apr/apr/trunk/tables/apr_hash.c	MLIST	mail-archives.apache.org	
Re: Hash collision vectors in APR?	MLIST	www.mail-archive.com	
oss-security - CVE request: apr - Hash DoS vulnerability	MLIST	openwall.com	
[Apache-SVN] Revision 1231605	CONFIRM	svn.apache.org	Patch
oss-security - Re: CVE request: apr - Hash DoS vulnerability	MLIST	openwall.com	
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com	
www.mandriva.com	MANDRIVA	www.mandriva.com	
svn commit: r1231605 - /apr/apr/trunk/tables/apr_hash.c		mail-archives.apache.org	
Re: Hash collision vectors in APR?	MLIST	www.mail-archive.com	
Hash collision vectors in APR?	MLIST	www.mail-archive.com	
Security Alerts - Secunia	SECUNIA	secunia.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)