



CVE-2010-2027

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

Summary

CVE	CVE-2010-2027
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-05-24 19:30:01 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Mathematica 7, when running on Linux, allows local users to overwrite arbitrary files via a symlink attack on (1) files within /

Risk And Classification

Primary CVSS: v2.0 1.9 from nvd@nist.gov

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

Problem Types: CWE-59 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

Application	Wolfram Research	Mathematica	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		Link			
'[Full-disclosure] Mathematica on Linux /tmp/MathLink vulnerability' - MARC	af854a3a-2127-422b-91ae-364da2661108		marc.info			
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108		www.securityfocus.com			
Mathematica for Linux Insecure Temporary Files - Advisories - Community	af854a3a-2127-422b-91ae-364da2661108		secunia.com			
CVE Program record	CVE.ORG		www.cve.org			
NVD vulnerability detail	NVD		nvd.nist.gov			
No vendor comments have been submitted for this CVE.						
There are currently no legacy QID mappings associated with this CVE.						