

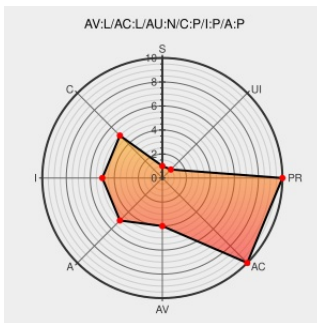


CVE-2010-4001

Published on: 11/05/2010 12:00:00 AM UTC

Last Modified on: 03/25/2021 11:02:28 PM UTC

CVE-2010-4001

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Fedora](#) from [Fedoraproject](#) contain the following vulnerability:

**** DISPUTED **** GMXRC.bash in Gromacs 4.5.1 and earlier places a zero-length directory name in the LD_LIBRARY_PATH, which allows local users to gain privileges via a Trojan horse shared library in the current working directory. NOTE: CVE disputes this issue because the GMXLDLIB value is always added to the beginning of

LD_LIBRARY_PATH at a later point in the script.

CVE-2010-4001 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **4.6 - MEDIUM**

Access Vector

LOCAL

Access Complexity

LOW

Authentication

NONE

Confidentiality Impact

PARTIAL

Integrity Impact

PARTIAL

Availability Impact

PARTIAL

CVE References

Description

Tags

Link

Bug 644596 – CVE-2010-4001 gromacs: insecure library loading vulnerability

[bugzilla.redhat.com](#)
text/html

[MISC bugzilla.redhat.com/show_bug.cgi?id=644596](#)

[SECURITY] Fedora 13 Update: gromacs-4.5.2-2.fc13

[lists.fedoraproject.org](#)
text/html

[FEDORA FEDORA-2010-17256](#)

Webmail : Solution de messagerie professionnelle - OVHcloud-OVH

[www.vupen.com](#)
text/html

[VUPEN ADV-2010-2971](#)

[SECURITY] Fedora 14 Update: gromacs-4.5.2-2.fc14

[lists.fedoraproject.org](#)
text/html

[FEDORA FEDORA-2010-17248](#)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	All	All	All	All
Operating System	Fedoraproject	Fedora	All	All	All	All
Application	Gromacs	Gromacs	All	All	All	All
cpe:2.3:o:fedoraproject:fedora:*.:.:.:.:.:.:.:						
cpe:2.3:o:fedoraproject:fedora:*.:.:.:.:.:.:.:						
cpe:2.3:a:gromacs:gromacs:*.:.:.:.:.:.:.:						

No vendor comments have been submitted for this CVE

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Next ID→

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