



CVE-2014-5044

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CVE-2014-5044

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

Certain versions of [Libgfortran](#) from [Gnu](#) contain the following vulnerability:

Multiple integer overflows in libgfortran might allow remote attackers to execute arbitrary code or cause a denial of service (Fortran application crash) via vectors related to array allocation.

CVE-2014-5044 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
oss-security - Re: [CVE request] Array allocation fixes in libgfortran	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20140723 Re: [CVE request] Array allocation fixes in libgfortran

404 Not Found

Release Notes

Vendor Advisory

gcc.gnu.org

text/html

Inactive Link

Not Archived

MISC

gcc.gnu.org/viewcvs/gcc/trunk/libgfortran/ChangeLog?limit_changes=0&view=markup&pathrev=211721

1122812 – (CVE-2014-5044) gcc: integer overflow flaws in libgfortran

Issue Tracking

Patch

Third Party Advisory

bugzilla.redhat.com

text/html

CONFIRM

bugzilla.redhat.com/show_bug.cgi?id=1122812

IBM X-Force Exchange

Third Party Advisory

VDB Entry

exchange.xforce.ibmcloud.com

text/html

XF

libgfortran-cve20145044-overflow(94849)

oss-security - Re: Re: [CVE request] Array allocation fixes in libgfortran

Mailing List

Third Party Advisory

www.openwall.com

text/html

MLIST [oss-security] 20140731 Re: Re: [CVE request] Array allocation fixes in libgfortran

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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
Application	Gnu	Libgfortran	All	All	All	All
Application	Gnu	Libgfortran	All	All	All	All
cpe:2.3:a:gnu:libgfortran:*:*:*:*:*:						
cpe:2.3:a:gnu:libgfortran:*:*:*:*:*:						

No vendor comments have been submitted for this CVE