CVE-2015-5229

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CVE-2015-5229

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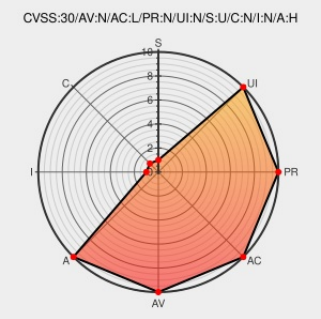

Certain versions of Enterprise Linux from Redhat contain the following vulnerability:

The calloc function in the glibc package in Red Hat Enterprise Linux (RHEL) 6.7 and 7.2 does not properly initialize memory areas, which might allow context-dependent attackers to cause a denial of service (hang or crash) via unspecified vectors.

CVE-2015-5229 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
1293976 – CVE-2015-5229 glibc: calloc() returns non-zero'ed memory [rhel-7.3.0]	Vendor Advisory, bugzilla.redhat.com, text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1293976
1246713 – CVE-2015-5229 glibc: calloc()	Vendor Advisory	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1246713

returns non-zero'ed memory	bugzilla.redhat.com text/html	
Red Hat Customer Portal	Vendor Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:0176
McAfee KnowledgeBase - Intel Security - Security Bulletin: glibc vulnerabilities CVE-2015-5229 and CVE-2015-7547	kc.mcafee.com text/html	CONFIRM kc.mcafee.com/corporate/index?page=content&id=SB10150
GNU glibc CVE-2015-5229 Remote Denial of Service Vulnerability	cve.report (archive) text/html	BID 84172
Oracle Linux Bulletin - January 2016	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/topics/security/linuxbulletinjan2016-2867209.html
1256285 – (CVE-2015-5229) CVE-2015-5229 glibc: calloc may return non-zero memory	Vendor Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1256285

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Redhat	Enterprise Linux	6.7	All	All	All
Operating System	Redhat	Enterprise Linux	7.2	All	All	All
Operating System	Redhat	Enterprise Linux	6.7	All	All	All
Operating System	Redhat	Enterprise Linux	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Hpc Node	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Hpc Node	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Hpc Node Eus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Hpc Node Eus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All

Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

cpe:2.3:o:redhat:enterprise_linux:6.7:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:7.2:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:6.7:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:7.2:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_hpc_node:7.0:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux_hpc_node_eus:7.2:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_hpc_node_eus:7.2:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:7.0:*:*:*:*:*:*:*:

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cpe:2.3:o:redhat:enterprise_linux_server_aus:7.2:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_aus:7.2:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server_eus:7.2:*:*:*:*:*:*:*:

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No vendor comments have been submitted for this CVE

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