



CVE-2015-5276

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2015-5276
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-11-17 15:59:00 UTC
Updated	2019-02-12 19:05:00 UTC
Description	The std::random_device class in libstdc++ in the GNU Compiler Collection (aka GCC) before 4.9.4 does not properly handle

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Gcc	All	All	All	All
Application	Gnu	Gcc	All	All	All	All

References

Reference	Source	Li
65142 – (CVE-2015-5276) std::random_device Ignores Read Return Code (CVE-2015-5276)	CONFIRM	gc
GNU Compiler Collection (GCC) std::random_device May Improperly Initialize Randomization Functions - SecurityTracker	SECTRACK	wv
Bug 1262846 – CVE-2015-5276 gcc: Predictable randomness from std::random_device	CONFIRM	bu
openSUSE-SU-2015:1946-1: moderate: Security update for gcc48	SUSE	list
openSUSE-SU-2016:1069-1: moderate: Security update for gcc5	SUSE	list
CVE Program record	CVE.ORG	wv
NVD vulnerability detail	NVD	nv

No vendor comments have been submitted for this CVE.

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

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