



# CVE-2016-3672

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2016-3672
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-04-27 17:59:00 UTC
<b>Updated</b>	2023-09-12 14:55:00 UTC
<b>Description</b>	The arch_pick_mmap_layout function in arch/x86/mm/mmap.c in the Linux kernel through 4.5.2 does not properly randomiz

## Risk And Classification

**Problem Types:** CWE-254


## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All

Application	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Workstation Extension</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Workstation Extension</a>	12.0	All	All	All

## References

Reference	Source
<a href="#">kernel/git/torvalds/linux.git - Linux kernel source tree</a>	CONI
<a href="#">Linux (x86) - Disable ASLR by Setting the RLIMIT_STACK Resource to Unlimited</a>	EXPL
<a href="#">CVE-2016-3672 - Unlimiting the stack not longer disables ASLR</a>	MISC
<a href="#">[security-announce] SUSE-SU-2016:1937-1: important: Security update for</a>	SUSE
<a href="#">[security-announce] openSUSE-SU-2016:1641-1: important: Security update</a>	SUSE
<a href="#">USN-3000-1: Linux kernel (Utopic HWE) vulnerabilities   Ubuntu</a>	UBUN
<a href="#">USN-2998-1: Linux kernel (Trusty HWE) vulnerabilities   Ubuntu</a>	UBUN
<a href="#">Red Hat Customer Portal</a>	REDH
<a href="#">USN-3001-1: Linux kernel (Vivid HWE) vulnerabilities   Ubuntu</a>	UBUN
<a href="#">USN-3004-1: Linux kernel (Raspberry Pi 2) vulnerabilities   Ubuntu</a>	UBUN
<a href="#">USN-3002-1: Linux kernel (Wily HWE) vulnerabilities   Ubuntu</a>	UBUN
<a href="#">Red Hat Customer Portal</a>	REDH
<a href="#">Debian -- Security Information -- DSA-3607-1 linux</a>	DEBI
<a href="#">USN-2996-1: Linux kernel vulnerabilities   Ubuntu</a>	UBUN
<a href="#">1324749 – (CVE-2016-3672) CVE-2016-3672 kernel: unlimiting the stack disables ASLR</a>	CONI
<a href="#">USN-2989-1: Linux kernel vulnerabilities   Ubuntu</a>	UBUN
<a href="#">x86/mm/32: Enable full randomization on i386 and X86_32 · torvalds/linux@8b8addf · GitHub</a>	CONI
<a href="#">USN-3003-1: Linux kernel vulnerabilities   Ubuntu</a>	UBUN
<a href="#">[security-announce] SUSE-SU-2016:1690-1: important: Security update for</a>	SUSE
<a href="#">404 Not Found</a>	MISC
<a href="#">[security-announce] SUSE-SU-2016:2105-1: important: Security update for</a>	SUSE
<a href="#">[security-announce] openSUSE-SU-2016:2184-1: important: Security update</a>	SUSE
<a href="#">Linux Kernel CVE-2016-3672 ASLR Implementation Local Security Weakness</a>	BID
<a href="#">[SECURITY] Fedora 24 Update: kernel-4.5.1-300.fc24</a>	FEDC
<a href="#">USN-2997-1: Linux kernel (OMAP4) vulnerabilities   Ubuntu</a>	UBUN
<a href="#">Linux Kernel Flaw Lets Local Users Bypass Address Space Layout Randomization Protection on the Target System - SecurityTracker</a>	SECT
<a href="#">SecurityFocus</a>	BUG
<a href="#">CVE-2016-3672 - Unlimiting the stack not longer disables ASLR</a>	FLU

Full Disclosure: CVE-2016-3672 - Unlimiting the stack not longer disables ASLR	FULL
CVE Program record	CVE.
NVD vulnerability detail	NVD
	
<p>No vendor comments have been submitted for this CVE.</p>	
<p>There are currently no legacy QID mappings associated with this CVE.</p>	

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