



# CVE-2017-5927

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## Summary

<b>CVE</b>	CVE-2017-5927
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-02-27 07:59:00 UTC
<b>Updated</b>	2017-03-02 02:59:00 UTC
<b>Description</b>	Page table walks conducted by the MMU during virtual to physical address translation leave a trace in the last level cache c

## Risk And Classification

### Problem Types: CWE-200

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Allwinner</a>	A64	-	All	All	All
Hardware	<a href="#">Allwinner</a>	A64	-	All	All	All
Hardware	<a href="#">Amd</a>	Athlon li 640 X4	-	All	All	All
Hardware	<a href="#">Amd</a>	Athlon li 640 X4	-	All	All	All
Hardware	<a href="#">Amd</a>	E-350	-	All	All	All
Hardware	<a href="#">Amd</a>	E-350	-	All	All	All
Hardware	<a href="#">Amd</a>	Fx-8120 8-core	-	All	All	All
Hardware	<a href="#">Amd</a>	Fx-8120 8-core	-	All	All	All
Hardware	<a href="#">Amd</a>	Fx-8320 8-core	-	All	All	All
Hardware	<a href="#">Amd</a>	Fx-8320 8-core	-	All	All	All
Hardware	<a href="#">Amd</a>	Fx-8350 8-core	-	All	All	All
Hardware	<a href="#">Amd</a>	Fx-8350 8-core	-	All	All	All
Hardware	<a href="#">Amd</a>	Phenom 9550 4-core	-	All	All	All
Hardware	<a href="#">Amd</a>	Phenom 9550 4-core	-	All	All	All
Hardware	<a href="#">Intel</a>	Atom C2750	-	All	All	All
Hardware	<a href="#">Intel</a>	Atom C2750	-	All	All	All
Hardware	<a href="#">Intel</a>	Celeron N2840	-	All	All	All

Hardware	Intel	Celeron N2840	-	All	All	All
Hardware	Intel	Core I5 M480	-	All	All	All
Hardware	Intel	Core I5 M480	-	All	All	All
Hardware	Intel	Core I7-2620qm	-	All	All	All
Hardware	Intel	Core I7-2620qm	-	All	All	All
Hardware	Intel	Core I7-3632qm	-	All	All	All
Hardware	Intel	Core I7-3632qm	-	All	All	All
Hardware	Intel	Core I7-4500u	-	All	All	All
Hardware	Intel	Core I7-4500u	-	All	All	All
Hardware	Intel	Core I7-6700k	-	All	All	All
Hardware	Intel	Core I7-6700k	-	All	All	All
Hardware	Intel	Core I7 920	-	All	All	All
Hardware	Intel	Core I7 920	-	All	All	All
Hardware	Intel	Xeon E3-1240 V5	-	All	All	All
Hardware	Intel	Xeon E3-1240 V5	-	All	All	All
Hardware	Intel	Xeon E5-2658 V2	-	All	All	All
Hardware	Intel	Xeon E5-2658 V2	-	All	All	All
Hardware	Nvidia	Tegra K1 Cd570m-a1	-	All	All	All
Hardware	Nvidia	Tegra K1 Cd570m-a1	-	All	All	All
Hardware	Nvidia	Tegra K1 Cd580m-a1	-	All	All	All
Hardware	Nvidia	Tegra K1 Cd580m-a1	-	All	All	All
Hardware	Samsung	Exynos 5800	-	All	All	All
Hardware	Samsung	Exynos 5800	-	All	All	All

## References

Reference	Source	Link	Tags
Multiple ARM Processor CVE-2017-5927 Local Security Bypass Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
<a href="http://www.cs.vu.nl/~herbertb/download/papers/anc_ndss17.pdf">www.cs.vu.nl/~herbertb/download/papers/anc_ndss17.pdf</a>	MISC	<a href="http://www.cs.vu.nl">www.cs.vu.nl</a>	Exploit, Technical Desc
AnC - VUSec	MISC	<a href="http://www.vusec.net">www.vusec.net</a>	Exploit, Technical Desc
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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