



# CVE-2020-15852

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## Summary

<b>CVE</b>	CVE-2020-15852
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-07-20 19:15:00 UTC
<b>Updated</b>	2022-12-03 14:32:00 UTC
<b>Description</b>	An issue was discovered in the Linux kernel 5.5 through 5.7.9, as used in Xen through 4.13.x for x86 PV guests. An attacker

## Risk And Classification

**Problem Types:** CWE-276

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Hardware	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All
Operating System	Xen	Xen	All	All	All	All

## References

Reference	Source	Link
CVE-2020-15852 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">security.netapp</a>
x86/ioperm: Fix io bitmap invalidation on Xen PV · torvalds/linux@cadfad8 · GitHub	MISC	<a href="#">github.com</a>
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="#">git.kernel.org</a>
XSA-329 - Xen Security Advisories	MISC	<a href="#">xenbits.xen.org</a>
oss-security - Xen Security Advisory 329 v3 (CVE-2020-15852) - Linux ioperm bitmap context switching issues	MLIST	<a href="#">www.openwall.</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

180689 Debian Security Update for linux (CVE-2020-15852)

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