CVE-2015-8338

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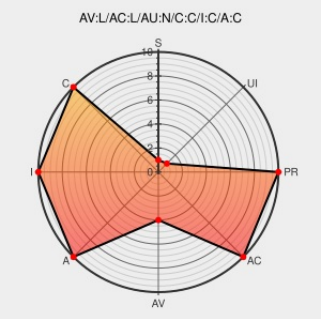

Certain versions of Xen from Xen contain the following vulnerability:

Xen 4.6.x and earlier does not properly enforce limits on page order inputs for the (1) XENMEM_increase_reservation, (2) XENMEM_populate_physmap, (3) XENMEM_exchange, and possibly other HYPERVISOR_memory_op suboperations, which allows ARM guest OS administrators to cause a denial of service (CPU consumption, guest reboot, or watchdog timeout and host reboot) and possibly have unspecified other impact via unknown vectors.

CVE-2015-8338 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 7.2 - HIGH

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
XSA-158 - Xen Security Advisories	Vendor Advisory, xenbits.xen.org, text/html	CONFIRM xenbits.xen.org/xsa/advisory-158.html
Xen HYPERVISOR_memory_op Missing Resource Limits Let Local Administrative Users on a Guest System Cause Denial of Service Conditions on the Host System - SecurityTracker	www.securitytracker.com, text/html	SECTRACK 1034390
Debian -- Security Information -- DSA-3633-1 xen	www.debian.org, Depreciated Link, text/html	DEBIAN DSA-3633
Xen CVE-2015-8338 Denial of Service Vulnerability	cve.report (archive), text/html	BID 78920

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Xen	Xen	All	All	All	All

cpe:2.3:o:xen:xen:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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