



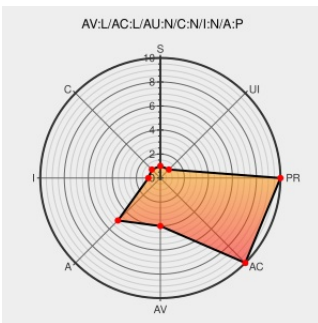
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CVE-2015-6654

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF 

Certain versions of [Xen](#) from [Xen](#) contain the following vulnerability:

The `xenmem_add_to_physmap_one` function in `arch/arm/mm.c` in Xen 4.5.x, 4.4.x, and earlier does not limit the number of printk console messages when reporting a failure to retrieve a reference on a foreign page, which allows remote domains to cause a denial of service by leveraging permissions to map the memory of a foreign guest.

CVE-2015-6654 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 2.1 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
XSA-141 - Xen Security Advisories	Patch Vendor Advisory xenbits.xen.org text/html	 CONFIRM xenbits.xen.org/xsa/advisory-141.html
Debian -- Security Information -- DSA-3414-1 xen	www.debian.org Deprecated Link text/html	 DEBIAN DSA-3414
Xen xenmem_add_to_physmap_one() printk Rate Limiting Flaw Lets Local Users on a Guest System Cause Denial of Service Conditions on the Host System - SecurityTracker	www.securitytracker.com text/html	 SECTrack 1033438

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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	4.4.0	All	All	All
Operating System	Xen	Xen	4.5.0	All	All	All
Operating System	Xen	Xen	4.5.1	All	All	All
Operating System	Xen	Xen	4.4.0	All	All	All
Operating System	Xen	Xen	4.5.0	All	All	All
Operating System	Xen	Xen	4.5.1	All	All	All
cpe:2.3:o:xen:xen:4.4.0:*****:						
cpe:2.3:o:xen:xen:4.5.0:*****:						
cpe:2.3:o:xen:xen:4.5.1:*****:						
cpe:2.3:o:xen:xen:4.4.0:*****:						
cpe:2.3:o:xen:xen:4.5.0:*****:						
cpe:2.3:o:xen:xen:4.5.1:*****:						

No vendor comments have been submitted for this CVE

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