CVE-2015-8615

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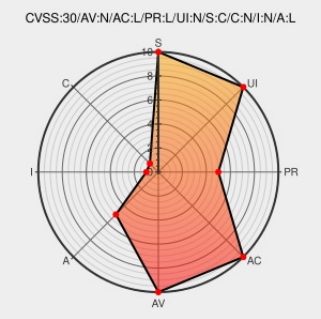

Certain versions of Xen from Xen contain the following vulnerability:

The hvm_set_callback_via function in arch/x86/hvm/irq.c in Xen 4.6 does not limit the number of printk console messages when logging the new callback method, which allows local HVM guest OS users to cause a denial of service via a large number of changes to the callback method (HVM_PARAM_CALLBACK_IRQ).

CVE-2015-8615 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	NONE	NONE	LOW

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
Xen 'hvm/irq.c' Denial of Service Vulnerability	cve.report (archive) text/html	BID 79644
Xen HVM_PARAM_CALLBACK_IRQ Logging Error Lets Local Users on the Guest System Deny Service on the Hypervisor Console - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034512

XSA-169 - Xen Security Advisories	Vendor Advisory xenbits.xen.org text/html	CONFIRM xenbits.xen.org/xsa/advisory-169.html

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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	4.6.0	All	All	All
Operating System	Xen	Xen	4.6.0	All	All	All

cpe:2.3:o:xen:xen:4.6.0:*:*:*:*:*:*:*:

cpe:2.3:o:xen:xen:4.6.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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