CVE-2012-4538

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Summary

CVE	CVE-2012-4538
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-11-24 20:55:00 UTC
Updated	2017-08-29 01:32:00 UTC
Description	The HVMOP_pagetable_dying hypercall in Xen 4.0, 4.1, and 4.2 does not properly check the pagetable state when running

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Xen	Xen	4.0.0	All	All	All
Operating System	Xen	Xen	4.1.0	All	All	All
Operating System	Xen	Xen	4.2.0	All	All	All
Operating System	Xen	Xen	4.0.0	All	All	All
Operating System	Xen	Xen	4.1.0	All	All	All
Operating System	Xen	Xen	4.2.0	All	All	All

References

Reference	Source	Link
Security Advisory SA51200 - Xen Multiple Denial of Service Vulnerabilities - Secunia	SECUNIA	secunia.com
[security-announce] SUSE-SU-2012:1487-1: important: Security update for	SUSE	lists.opensuse
[security-announce] SUSE-SU-2012:1615-1: important: Security update for	SUSE	lists.opensuse
[Xen-announce] Xen Security Advisory 23 (CVE-2012-4538) - Unhooking empty PAE entries DoS vulnerability	MLIST	lists.xen.org
Xen HVMOP_pagetable_dying() Bug Lets Local Users Deny Service - SecurityTracker	SECTRACK	www.securityt
Security Advisory SA51352 - SUSE update for libvirt - Secunia	SECUNIA	secunia.com
Xen Multiple Denial of Service Vulnerabilities	BID	www.securityf
[security-announce] openSUSE-SU-2012:1572-1: important: XEN: security an	SUSE	lists.opensuse

oss-security - Xen Security Advisory 23 (CVE-2012-4538) - Unhooking empty PAE entries DoS vulnerability	MLIST	www.openwal
Security Advisory SA51468 - Debian update for xen - Secunia	SECUNIA	secunia.com
Security Advisory SA51413 - SUSE update for xen - Secunia	SECUNIA	secunia.com
Security Advisory SA51324 - SUSE update for xen - Secunia	SECUNIA	secunia.com
Security Advisory SA55082 - Gentoo update for xen - Secunia	SECUNIA	secunia.com
Gentoo Linux Documentation -- Xen: Multiple vulnerabilities	GENTOO	security.gento
[security-announce] openSUSE-SU-2012:1573-1: important: XEN: security an	SUSE	lists.opensuse
[security-announce] SUSE-SU-2012:1486-1: important: Security update for	SUSE	lists.opensuse
Xen: Multiple vulnerabilities (GLSA 201604-03) — Gentoo Security	GENTOO	security.gento
87306	OSVDB	osvdb.org
[security-announce] SUSE-SU-2014:0446-1: important: Security update for	SUSE	lists.opensuse
Debian -- Security Information -- DSA-2582-1 xen	DEBIAN	www.debian.c
IBM X-Force Exchange	XF	exchange.xfo
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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