



CVE-2013-1918

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2013-1918
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-05-13 23:55:00 UTC
Updated	2014-04-19 04:34:00 UTC
Description	Certain page table manipulation operations in Xen 4.1.x, 4.2.x, and earlier are not preemptible, which allows local PV kerne

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Xen	Xen	4.1.0	All	All	All
Operating System	Xen	Xen	4.1.1	All	All	All
Operating System	Xen	Xen	4.1.2	All	All	All
Operating System	Xen	Xen	4.1.3	All	All	All
Operating System	Xen	Xen	4.1.4	All	All	All
Operating System	Xen	Xen	4.1.5	All	All	All
Operating System	Xen	Xen	4.2.0	All	All	All
Operating System	Xen	Xen	4.2.1	All	All	All
Operating System	Xen	Xen	4.2.2	All	All	All
Operating System	Xen	Xen	4.1.0	All	All	All
Operating System	Xen	Xen	4.1.1	All	All	All
Operating System	Xen	Xen	4.1.2	All	All	All
Operating System	Xen	Xen	4.1.3	All	All	All
Operating System	Xen	Xen	4.1.4	All	All	All
Operating System	Xen	Xen	4.1.5	All	All	All
Operating System	Xen	Xen	4.2.0	All	All	All
Operating System	Xen	Xen	4.2.1	All	All	All

Operating System	Xen	Xen	4.2.2	All	All	All
References						
Reference					Source	Link
Security Advisory SA53187 - Xen Multiple Page Table Operations Handling Denial of Service Vulnerabilities - Secunia					SECUNIA	secunia
Debian -- Security Information -- DSA-2666-1 xen					DEBIAN	www.de
oss-security - Xen Security Advisory 45 (CVE-2013-1918) - Several long latency operations are not preemptible					MLIST	www.op
Security Advisory SA55082 - Gentoo update for xen - Secunia					SECUNIA	secunia
Gentoo Linux Documentation -- Xen: Multiple vulnerabilities					GENTOO	security
Xen Page Table Manipulation CVE-2013-1918 Denial of Service Vulnerability					BID	www.se
[SECURITY] Fedora 17 Update: xen-4.1.5-2.fc17					FEDORA	lists.fec
[security-announce] SUSE-SU-2014:0446-1: important: Security update for					SUSE	lists.op
CVE Program record					CVE.ORG	www.cv
NVD vulnerability detail					NVD	nvd.nis
No vendor comments have been submitted for this CVE.						
There are currently no legacy QID mappings associated with this CVE.						