



CVE-2014-1642

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

Summary

CVE	CVE-2014-1642
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-01-26 16:58:00 UTC
Updated	2018-01-03 02:29:00 UTC
Description	The IRQ setup in Xen 4.2.x and 4.3.x, when using device passthrough and configured to support a large number of CPUs, t

Risk And Classification

Problem Types: CWE-399

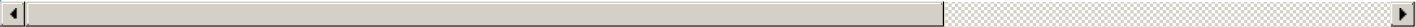
NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	4.2.3	All	All	All
Operating System	Xen	Xen	4.3.0	All	All	All
Operating System	Xen	Xen	4.3.1	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	4.2.3	All	All	All
Operating System	Xen	Xen	4.3.0	All	All	All
Operating System	Xen	Xen	4.3.1	All	All	All

References

Reference	Source
Security Advisory SA56557 - Xen "pirq_guest_bind()" IRQ Setup Double Free Vulnerability - Secunia	SECUNIA
[security-announce] SUSE-SU-2014:0373-1: important: Security update for	SUSE

IBM X-Force Exchange	XF
Xen IRQ Setup Use-After-Free Lets Local Guest Users Gain Elevated Privileges on the Host System - SecurityTracker	SECTRA
XSA-83 - Xen Security Advisories	CONFIR
Gentoo Linux Documentation -- Xen: Multiple Vulnerabilities	GENTOO
[SECURITY] Fedora 19 Update: xen-4.2.3-14.fc19	FEDORA
oss-security - Xen Security Advisory 83 (CVE-2014-1642) - Out-of-memory condition yielding memory corruption during IRQ setup	MLIST
Xen Use After Free Memory Corruption Vulnerability	BID
[SECURITY] Fedora 20 Update: xen-4.3.1-8.fc20	FEDORA
102406	OSVDB
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD



No vendor comments have been submitted for this CVE.

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