



CVE-2015-2045

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

Summary

CVE	CVE-2015-2045
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-03-12 14:59:00 UTC
Updated	2018-10-30 16:26:00 UTC
Description	The HYPERVISOR_xen_version hypercall in Xen 3.2.x through 4.5.x does not properly initialize data structures, which allow

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Fedoraproject	Fedora	20	All	All	All
Operating System	Fedoraproject	Fedora	21	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Operating System	Fedoraproject	Fedora	20	All	All	All
Operating System	Fedoraproject	Fedora	21	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Operating System	Xen	Xen	3.2.0	All	All	All
Operating System	Xen	Xen	3.2.1	All	All	All
Operating System	Xen	Xen	3.2.2	All	All	All
Operating System	Xen	Xen	3.2.3	All	All	All
Operating System	Xen	Xen	3.3.0	All	All	All
Operating System	Xen	Xen	3.3.1	All	All	All
Operating System	Xen	Xen	3.3.2	All	All	All
Operating System	Xen	Xen	3.4.0	All	All	All
Operating System	Xen	Xen	3.4.1	All	All	All

Operating System	Xen	Xen	3.4.2	All	All	All
Operating System	Xen	Xen	3.4.3	All	All	All
Operating System	Xen	Xen	3.4.4	All	All	All
Operating System	Xen	Xen	4.0.0	All	All	All
Operating System	Xen	Xen	4.0.1	All	All	All
Operating System	Xen	Xen	4.0.2	All	All	All
Operating System	Xen	Xen	4.0.3	All	All	All
Operating System	Xen	Xen	4.0.4	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	4.1.6.1	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
Operating System	Xen	Xen	4.4.0	All	All	All
Operating System	Xen	Xen	4.4.0	rc1	All	All
Operating System	Xen	Xen	4.4.1	-	All	All
Operating System	Xen	Xen	4.5.0	All	All	All
Operating System	Xen	Xen	3.2.0	All	All	All
Operating System	Xen	Xen	3.2.1	All	All	All
Operating System	Xen	Xen	3.2.2	All	All	All
Operating System	Xen	Xen	3.2.3	All	All	All
Operating System	Xen	Xen	3.3.0	All	All	All
Operating System	Xen	Xen	3.3.1	All	All	All
Operating System	Xen	Xen	3.3.2	All	All	All
Operating System	Xen	Xen	3.4.0	All	All	All
Operating System	Xen	Xen	3.4.1	All	All	All
Operating System	Xen	Xen	3.4.2	All	All	All

Operating System	Xen	Xen	3.4.3	All	All	All
Operating System	Xen	Xen	3.4.4	All	All	All
Operating System	Xen	Xen	4.0.0	All	All	All
Operating System	Xen	Xen	4.0.1	All	All	All
Operating System	Xen	Xen	4.0.2	All	All	All
Operating System	Xen	Xen	4.0.3	All	All	All
Operating System	Xen	Xen	4.0.4	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	4.1.6.1	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
Operating System	Xen	Xen	4.4.0	All	All	All
Operating System	Xen	Xen	4.4.0	rc1	All	All
Operating System	Xen	Xen	4.4.1	-	All	All
Operating System	Xen	Xen	4.5.0	All	All	All

References	
Reference	Source
[security-announce] openSUSE-SU-2015:0732-1: important: Security update	SI
[SECURITY] Fedora 20 Update: xen-4.3.3-12.fc20	FI
Citrix XenServer Multiple Security Updates	C
Debian -- Security Information -- DSA-3181-1 xen	D
[SECURITY] Fedora 21 Update: xen-4.4.1-16.fc21	FI
XSA-122 - Xen Security Advisories	C
Security_Advisory-Xen Vulnerabilities on Huawei FusionSphere products - Huawei PSIRT	C
Xen: Multiple vulnerabilities (GLSA 201504-04) — Gentoo security	G
[SECURITY] Fedora 22 Update: xen-4.5.0-6.fc22	FI

Xen HYPERVISOR_xen_version Hypercall Bug Lets Local Guest Users Obtain Information From Other Guest Systems - SecurityTracker	SI
Xen CVE-2015-2045 Information Disclosure Vulnerability	BI
Xen Multiple Flaws Let Local Guest Users Deny Service or Obtain Information From Other Guest Systems - SecurityTracker	SI
CVE Program record	C
NVD vulnerability detail	N

No vendor comments have been submitted for this CVE.

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