CVE-2016-2270

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-2270
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-02-19 16:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Xen 4.6.x and earlier allows local guest administrators to cause a denial of service (host reboot) via vectors related to multip

Risk And Classification

Primary CVSS: v3.0 6.8 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:H/UI:N/S:C/C:N/I:N/A:H

Problem Types: CWE-20 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.8	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:H/UI:N/S:C/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.6		AV:L/AC:L/Au:S/C:N/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Changed

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/AV:N/AC:L/PR:H/UI:N/S:C/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

Single

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:S/C:N/I:N/A:C

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	8.0	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Operating System	Fedoraproject	Fedora	23	All	All	All
Operating System	Oracle	Vm Server	3.4	All	All	All
Operating System	Xen	Xen	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference
Debian -- Security Information -- DSA-3519-1 xen
Xen Cacheability Mapping Bug Lets Local Administrative Users on a Guest System Cause Denial of Service Conditions on the Host System -
Oracle VM Server for x86 Bulletin - July 2016
XSA-154 - Xen Security Advisories
[SECURITY] Fedora 22 Update: xen-4.5.2-8.fc22

[SECURITY] Fedora 23 Update: xen-4.5.2-8.fc23
Xen: Multiple vulnerabilities (GLSA 201604-03) — Gentoo Security
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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