



CVE-2014-1891

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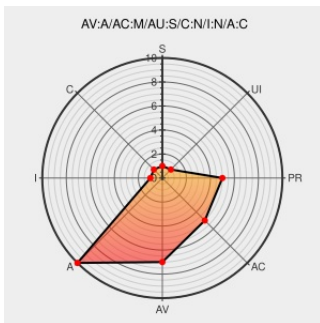
CVE-2014-1891

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Xen](#) from [Xen](#) contain the following vulnerability:

Multiple integer overflows in the (1) FLASK_GETBOOL, (2) FLASK_SETBOOL, (3) FLASK_USER, and (4) FLASK_CONTEXT_TO_SID suboperations in the flask hypercall in Xen 4.3.x, 4.2.x, 4.1.x, 3.2.x, and earlier, when XSM is enabled, allow local users to cause a denial of service (processor fault) via unspecified vectors, a different vulnerability than CVE-2014-1892, CVE-2014-1893, and CVE-2014-1894.

CVE-2014-1891 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **5.2 - MEDIUM**

Access
Vector

ADJACENT_NETWORK

Access
Complexity

MEDIUM

Authentication

SINGLE

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

oss-security - Re: Xen Security Advisory 84 - integer overflow in several XSM/Flask hypercalls

www.openwall.com
text/html

MLIST [oss-security] 20140207 Re: Xen Security Advisory 84 - integer overflow in several XSM/Flask hypercalls

[security-announce] SUSE-SU-2014:0373-1: important: Security update for

lists.opensuse.org
text/html

SUSE SUSE-SU-2014:0373

XSA-84 - Xen Security Advisories

Patch
Vendor Advisory
xenbits.xen.org
text/html

CONFIRM xenbits.xen.org/xsa/advisory-84.html

oss-security - Xen Security Advisory 84 (CVE-2014-1891 CVE-2014-1892 CVE-2014-1893 CVE-2014-1894) -

www.openwall.com
text/html

MLIST [oss-security] 20140210 Xen Security Advisory 84 (CVE-2014-1891 CVE-2014-1892 CVE-

1893,CVE-2014-1893,CVE-2014-1893,CVE-2014-1893, integer overflow in several XSM/Flask hypercalls	text/html	Xen Security 84 (CVE-2014-1893,CVE-2014-1893,CVE-2014-1893,CVE-2014-1894) - integer overflow in several XSM/Flask hypercalls
oss-security - Re: Xen Security Advisory 84 - integer overflow in several XSM/Flask hypercalls	www.openwall.com text/html	 MLIST [oss-security] 20140207 Re: Xen Security Advisory 84 - integer overflow in several XSM/Flask hypercalls
Gentoo Linux Documentation -- Xen: Multiple Vulnerabilities	security.gentoo.org text/html	 GENTOO GLSA-201407-03
[security-announce] SUSE-SU-2014:0446-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2014:0446
[security-announce] SUSE-SU-2014:0372-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2014:0372
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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	Xen	Xen	4.1.0	All	All	All

System						
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	4.3.1	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	Xen	Xen	3.4.4	All	All	All

System						
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	4.3.1	All	All	All
Operating System	Xen	Xen	All	All	All	All
	cpe:2.3:o:xen:xen:3.2.0:*****:					
	cpe:2.3:o:xen:xen:3.2.1:*****:					
	cpe:2.3:o:xen:xen:3.2.2:*****:					
	cpe:2.3:o:xen:xen:3.2.3:*****:					
	cpe:2.3:o:xen:xen:3.3.0:*****:					
	cpe:2.3:o:xen:xen:3.3.1:*****:					
	cpe:2.3:o:xen:xen:3.3.2:*****:					
	cpe:2.3:o:xen:xen:3.4.0:*****:					
	cpe:2.3:o:xen:xen:3.4.1:*****:					
	cpe:2.3:o:xen:xen:3.4.2:*****:					
	cpe:2.3:o:xen:xen:3.4.3:*****:					
	cpe:2.3:o:xen:xen:3.4.4:*****:					

cpe:2.3:o:xen:xen:4.1.0:*****:
cpe:2.3:o:xen:xen:4.1.1:*****:
cpe:2.3:o:xen:xen:4.1.2:*****:
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cpe:2.3:o:xen:xen:4.1.6.1:*****:
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cpe:2.3:o:xen:xen:4.2.1:*****:
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cpe:2.3:o:xen:xen:4.1.3:*****:

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cpe:2.3:o:xen:xen:4.1.6.1:*****:
cpe:2.3:o:xen:xen:4.2.0:*****:
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cpe:2.3:o:xen:xen:4.3.1:*****:
cpe:2.3:o:xen:xen:*****:

No vendor comments have been submitted for this CVE

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