CVE-2016-4000

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Summary

CVE	CVE-2016-4000
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-07-06 16:29:00 UTC
Updated	2023-11-07 02:32:00 UTC
Description	Jython before 2.7.1rc1 allows attackers to execute arbitrary code via a crafted serialized PyFunction object.

Risk And Classification

Problem Types: CWE-502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Jython Project	Jython	2.7.0	All	All	All
Application	Jython Project	Jython	2.7.0	All	All	All

References

Reference	Source	Link
Pony Mail!	MLIST	lists.apache.org
#864859 - jython: CVE-2016-4000: Unsafe deserialization leads to code execution - Debian Bug report logs	CONFIRM	bugs.debian.org
jython: d06e29d100c0	CONFIRM	hg.python.org
Oracle Critical Patch Update Advisory - July 2020	MISC	www.oracle.com
Arbitrary Code Execution in org.python:jython-standalone | Snyk	MISC	snyk.io
Pony Mail!		lists.apache.org
Oracle Critical Patch Update - January 2019	CONFIRM	www.oracle.com
CVE-2016-4000	MISC	security-tracker.de
Oracle Enterprise Manager Ops Center CVE-2016-4000 Remote Security Vulnerability	BID	www.securityfocus
Debian -- Security Information -- DSA-3893-1 jython	DEBIAN	www.debian.org
CPU Oct 2018	CONFIRM	www.oracle.com

CPU Oct 2018	CONFIRM	www.oracle.com
Oracle Critical Patch Update - October 2019	MISC	www.oracle.com
Oracle Critical Patch Update Advisory - January 2020	MISC	www.oracle.com
Oracle Critical Patch Update Advisory - April 2020	N/A	www.oracle.com
jython: 330556fdad47 NEWS	CONFIRM	hg.python.org
Issue 2454: Security Vulnerability in Jython - Jython tracker	CONFIRM	bugs.jython.org
Jython: Arbitrary code execution (GLSA 201710-28) — Gentoo security	GENTOO	security.gentoo.org
Oracle Critical Patch Update Advisory - April 2019	MISC	www.oracle.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

710472 Gentoo Linux Jython Arbitrary code execution Vulnerability (GLSA 201710-28)