



CVE-2016-5300

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

Summary

CVE	CVE-2016-5300
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-06-16 18:59:00 UTC
Updated	2023-11-07 02:33:00 UTC
Description	The XML parser in Expat does not use sufficient entropy for hash initialization, which allows context-dependent attackers to

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Google	Android	4.4.4	All	All	All
Operating System	Google	Android	5.0.2	All	All	All
Operating System	Google	Android	5.1.1	All	All	All
Operating System	Google	Android	6.0	All	All	All
Operating System	Google	Android	6.0.1	All	All	All
Operating System	Google	Android	4.4.4	All	All	All
Operating System	Google	Android	5.0.2	All	All	All

Operating System	Google	Android	5.1.1	All	All	All
Operating System	Google	Android	6.0	All	All	All
Operating System	Google	Android	6.0.1	All	All	All
Application	Libexpat Project	Libexpat	All	All	All	All
Application	Libexpat Project	Libexpat	All	All	All	All

References

Reference

oss-security - Re: expat hash collision fix too predictable?

Debian -- Security Information -- DSA-3597-1 expat

[bookkeeper-issues] 20210628 [GitHub] [bookkeeper] padma81 opened a new issue #2746: Security Vulnerabilities in CentOS 7 image, Upgrade

Pony Mail!

Android Security Bulletin—November 2016 | Android Open Source Project

CPU July 2018

Expat: Multiple vulnerabilities (GLSA 201701-21) — Gentoo Security

Security Bulletin - Policy Auditor update fixes multiple vulnerabilities in third-party libraries (CVE-2016-0718, CVE-2016-4472, CVE-2016-5300)

Expat CVE-2016-5300 Incomplete Fix Remote Denial of Service Vulnerability

Pony Mail!

[bookkeeper-issues] 20210629 [GitHub] [bookkeeper] padma81 opened a new issue #2746: Security Vulnerabilities in CentOS 7 image, Upgrade

[R2] PVS 5.2.0 Fixes Multiple Third-party Library Vulnerabilities - Security Advisory | Tenable Network Security

USN-3010-1: Expat vulnerabilities | Ubuntu

oss-security - Re: expat hash collision fix too predictable?

Oracle Solaris Bulletin - July 2016

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[710322](#) Gentoo Linux Expat Multiple Vulnerabilities (GLSA 201701-21)

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