



# CVE-2019-5427

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

## Summary

<b>CVE</b>	CVE-2019-5427
<b>State</b>	PUBLIC
<b>Assigner</b>	support@hackerone.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-04-22 21:29:00 UTC
<b>Updated</b>	2023-11-07 03:11:00 UTC
<b>Description</b>	c3p0 version < 0.9.5.4 may be exploited by a billion laughs attack when loading XML configuration due to missing protection

## Risk And Classification

**Problem Types:** CWE-776

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	29	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	29	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Application	<a href="#">Mchange</a>	<a href="#">C3p0</a>	All	All	All	All
Application	<a href="#">Mchange</a>	<a href="#">C3p0</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Ip Service Activator</a>	7.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Ip Service Activator</a>	7.4.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Ip Service Activator</a>	7.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Ip Service Activator</a>	7.4.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Session Route Manager</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Documaker</a>	All	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Enterprise Manager Base Platform</a>	13.2.1.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Enterprise Manager Ops Center</a>	12.4.0.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Flexcube Private Banking</a>	12.0.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Flexcube Private Banking</a>	12.1.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Flexcube Private Banking</a>	12.0.0	All	All	All

Application	Oracle	Flexcube Private Banking	12.1.0	All	All	All
Application	Oracle	Hyperion Infrastructure Technology	11.1.2.4	All	All	All
Application	Oracle	Retail Xstore Point Of Service	15.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	16.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	17.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	18.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	19.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	15.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	16.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	17.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	18.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	19.0	All	All	All
Application	Oracle	Webcenter Sites	12.2.1.3.0	All	All	All
Application	Oracle	Webcenter Sites	12.2.1.4.0	All	All	All

## References

Reference	Source	Link	Tags
[SECURITY] Fedora 30 Update: c3p0-0.9.5.4-1.fc30 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
HackerOne	MISC	<a href="https://hackerone.com">hackerone.com</a>	Explo
Oracle Critical Patch Update Advisory - July 2020	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	Third
[SECURITY] Fedora 29 Update: c3p0-0.9.5.4-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	Mailin
[SECURITY] Fedora 30 Update: c3p0-0.9.5.4-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	Mailin
Oracle Critical Patch Update Advisory - October 2020	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
Oracle Critical Patch Update Advisory - October 2021	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
[SECURITY] Fedora 29 Update: c3p0-0.9.5.4-1.fc29 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
Oracle Critical Patch Update Advisory - April 2020	N/A	<a href="https://www.oracle.com">www.oracle.com</a>	Third
Oracle Critical Patch Update Advisory - January 2021	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canor
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canor

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[198677](#) Ubuntu Security Notification for c3p0 Vulnerability (USN-5293-1)

[980290](#) Java (maven) Security Update for com.mchange:c3p0 (GHSA-84p2-vf58-xhvx)

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