



# CVE-2021-46142

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

## Summary

<b>CVE</b>	CVE-2021-46142
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-01-06 04:15:00 UTC
<b>Updated</b>	2023-11-07 03:39:00 UTC
<b>Description</b>	An issue was discovered in uriparser before 0.9.6. It performs invalid free operations in uriNormalizeSyntax.

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Fedoraproject</a>	<a href="#">Extra Packages For Enterprise Linux</a>	8.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Backports</a>	sle-15	All	All	All
Application	<a href="#">Opensuse</a>	<a href="#">Factory</a>	-	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.3	All	All	All
Application	<a href="#">Uriparser Project</a>	<a href="#">Uriparser</a>	All	All	All	All

## References

Reference
[SECURITY] Fedora 34 Update: uriparser-0.9.6-1.fc34 - package-announce - Fedora Mailing-Lists
Debian -- Security Information -- DSA-5063-1 uriparser
Fix memory handling of uriNormalizeSyntax*, uriMakeOwner* and uriNormalizeSyntax* (fixes #121, fixes #122) by hartwork · Pull Request #12
Hartwork Blog · uriparser 0.9.6 with security fixes released
[SECURITY] Fedora 35 Update: uriparser-0.9.6-1.fc35 - package-announce - Fedora Mailing Lists

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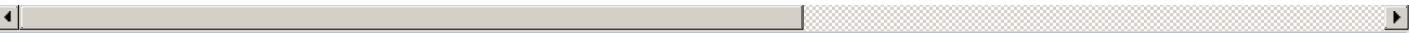
uriNormalizeSyntax\* may free stack memory in out-of-memory situation when handling URIs containing empty segments · Issue #122 · uripars

[SECURITY] Fedora 35 Update: uriparser-0.9.6-1.fc35 - package-announce - Fedora Mailing-Lists

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CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">179009</a> Debian Security Update for uriparser (DLA 2883-1)
<a href="#">179033</a> Debian Security Update for uriparser (DSA 5063-1)
<a href="#">182855</a> Debian Security Update for uriparser (CVE-2021-46142)
<a href="#">198855</a> Ubuntu Security Notification for uriparser Vulnerabilities (USN-5256-1)
<a href="#">282247</a> Fedora Security Update for mingw (FEDORA-2022-cfd0048127)
<a href="#">282248</a> Fedora Security Update for mingw (FEDORA-2022-00a529a8bf)
<a href="#">356775</a> Amazon Linux Security Advisory for uriparser : ALAS2-2023-2368
<a href="#">502193</a> Alpine Linux Security Update for uriparser
<a href="#">690766</a> Free Berkeley Software Distribution (FreeBSD) Security Update for uriparser (b927b654-7146-11ec-ad4b-5404a68ad561)

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