



# CVE-2021-33503

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## Summary

<b>CVE</b>	CVE-2021-33503
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-06-29 11:15:00 UTC
<b>Updated</b>	2023-11-07 03:35:00 UTC
<b>Description</b>	An issue was discovered in urllib3 before 1.26.5. When provided with a URL containing many @ characters in the authority

## Risk And Classification

**Problem Types:** CWE-400

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	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="#">Instantis Enterprisetrack</a>	17.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Instantis Enterprisetrack</a>	17.2	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Instantis Enterprisetrack</a>	17.3	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Zfs Storage Appliance Kit</a>	8.8	All	All	All
Application	<a href="#">Python</a>	<a href="#">Urllib3</a>	All	All	All	All

## References

### Reference

[SECURITY] Fedora 33 Update: python-urllib3-1.25.8-5.fc33 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 34 Update: python-urllib3-1.25.10-5.fc34 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 33 Update: python-urllib3-1.25.8-5.fc33 - package-announce - Fedora Mailing-Lists

Improve performance of sub-authority splitting in URL · urllib3/urllib3@2d4a3fe · GitHub

urllib3: Multiple vulnerabilities (GLSA 202107-36) — Gentoo security

Catastrophic backtracking in URL authority parser when passed URL containing many @ characters · CVE-2021-33503 · GitHub Advisory Data

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159466</a> Oracle Enterprise Linux Security Update for python39:3.9 and python39-devel:3.9 (ELSA-2021-4160)
<a href="#">159467</a> Oracle Enterprise Linux Security Update for python38:3.8 and python38-devel:3.8 (ELSA-2021-4162)
<a href="#">180065</a> Debian Security Update for python-urllib3 (CVE-2021-33503)
<a href="#">199120</a> Ubuntu Security Notification for urllib3 Vulnerability (USN-5812-1)
<a href="#">239580</a> Red Hat Update for rh-python38 (RHSA-2021:3254)
<a href="#">239841</a> Red Hat Update for python39:3.9 and python39-devel:3.9 (RHSA-2021:4160)
<a href="#">239845</a> Red Hat Update for python38:3.8 and python38-devel:3.8 (RHSA-2021:4162)
<a href="#">239895</a> Red Hat Update for Satellite 6.10 (RHSA-2021:4702)
<a href="#">281655</a> Fedora Security Update for mingw (FEDORA-2021-b14975e43d)
<a href="#">281676</a> Fedora Security Update for python (FEDORA-2021-a6bde7ab18)
<a href="#">281699</a> Fedora Security Update for python (FEDORA-2021-9c5f3b8aae)
<a href="#">296060</a> Oracle Solaris 11.4 Support Repository Update (SRU) 37.0.1.101.1 Missing (CPUJUL2021)
<a href="#">352486</a> Amazon Linux Security Advisory for python-urllib3: ALAS2-2021-1688
<a href="#">378599</a> Splunk Enterprise Third Party Package Updates for June (SVD-2023-0613)
<a href="#">672442</a> EulerOS Security Update for python-pip (EulerOS-SA-2022-2854)
<a href="#">672444</a> EulerOS Security Update for python-pip (EulerOS-SA-2022-2828)
<a href="#">710032</a> Gentoo Linux urllib3 Multiple vulnerabilities (GLSA 202107-36)
<a href="#">750668</a> SUSE Enterprise Linux Security Update for python-urllib3 (SUSE-SU-2021:2012-1)
<a href="#">750818</a> OpenSUSE Security Update for python-urllib3 (openSUSE-SU-2021:2012-1)
<a href="#">900143</a> CBL-Mariner Linux Security Update for python-urllib3 1.25.9
<a href="#">901983</a> Common Base Linux Mariner (CBL-Mariner) Security Update for python-urllib3 (6821-1)
<a href="#">903190</a> Common Base Linux Mariner (CBL-Mariner) Security Update for python-urllib3 (4373)

<a href="#">940526</a> AlmaLinux Security Update for python38:3.8 and python38-devel:3.8 (ALSA-2021:4162)
<a href="#">940559</a> AlmaLinux Security Update for python39:3.9 and python39-devel:3.9 (ALSA-2021:4160)
<a href="#">960239</a> Rocky Linux Security Update for python39:3.9 and python39-devel:3.9 (RLSA-2021:4160)
<a href="#">960342</a> Rocky Linux Security Update for python38:3.8 and python38-devel:3.8 (RLSA-2021:4162)
<a href="#">980359</a> Python (pip) Security Update for urllib3 (GHSA-q2q7-5pp4-w6pg)

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