



CVE-2020-28493

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-28493
State	PUBLIC
Assigner	report@snyk.io
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-02-01 20:15:00 UTC
Updated	2023-11-07 03:21:00 UTC
Description	This affects the package jinja2 from 0.0.0 and before 2.11.3. The ReDoS vulnerability is mainly due to the `_punctuation_re`

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Palletsprojects	Jinja	All	All	All	All
Application	Palletsprojects	Jinja	All	All	All	All

References

Reference	Source	Link
backport urlize speedup by davidism · Pull Request #1343 · pallets/jinja · GitHub	MISC	github.com
github.com/pallets/jinja/blob/ab81fd9c277900c85da0c322a2ff9d68a235b2e6/s...	MISC	github.com
[SECURITY] Fedora 33 Update: mingw-python-jinja2-2.11.3-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproje
Jinja: Denial of service (GLSA 202107-19) — Gentoo security	GENTOO	security.gentoo
Regular Expression Denial of Service (ReDoS) in jinja2 Snyk	MISC	snyk.io
[SECURITY] Fedora 33 Update: mingw-python-jinja2-2.11.3-1.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproje
jinja/utils.py at ab81fd9c277900c85da0c322a2ff9d68a235b2e6 · pallets/jinja · GitHub	MITRE	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Legacy QID Mappings

[159463](#) Oracle Enterprise Linux Security Update for python27:2.7 (ELSA-2021-4151)

[159467](#) Oracle Enterprise Linux Security Update for python38:3.8 and python38-devel:3.8 (ELSA-2021-4162)

[200071](#) Ubuntu Security Notification for Jinja2 Vulnerabilities (USN-6599-1)

[239580](#) Red Hat Update for rh-python38 (RHSA-2021:3254)

[239582](#) Red Hat Update for python27 (RHSA-2021:3252)

[239826](#) Red Hat Update for python27:2.7 (RHSA-2021:4151)

[239839](#) Red Hat Update for python-jinja2 (RHSA-2021:4161)

[239845](#) Red Hat Update for python38:3.8 and python38-devel:3.8 (RHSA-2021:4162)

[281537](#) Fedora Security Update for mingw (FEDORA-2021-2ab8ebcabc)

[296067](#) Oracle Solaris 11.4 Support Repository Update (SRU) 33.94.0 Missing (CPUAPR2021)

[501765](#) Alpine Linux Security Update for py3-jinja2

[504328](#) Alpine Linux Security Update for py3-jinja2

[670724](#) EulerOS Security Update for python-jinja2 (EulerOS-SA-2021-2482)

[670758](#) EulerOS Security Update for python-jinja2 (EulerOS-SA-2021-2516)

[670780](#) EulerOS Security Update for python-jinja2 (EulerOS-SA-2021-2538)

[670804](#) EulerOS Security Update for python-jinja2 (EulerOS-SA-2021-2562)

[670913](#) EulerOS Security Update for python-jinja2 (EulerOS-SA-2021-2538)

[671011](#) EulerOS Security Update for python-jinja2 (EulerOS-SA-2021-2609)

[710057](#) Gentoo Linux Jinja Denial of service (GLSA 202107-19)

[902147](#) Common Base Linux Mariner (CBL-Mariner) Security Update for python-jinja2 (9857)

[902677](#) Common Base Linux Mariner (CBL-Mariner) Security Update for python-jinja2 (9857-1)

[940290](#) AlmaLinux Security Update for python-jinja2 (ALSA-2021:4161)

[940522](#) AlmaLinux Security Update for python27:2.7 (ALSA-2021:4151)

[940526](#) AlmaLinux Security Update for python38:3.8 and python38-devel:3.8 (ALSA-2021:4162)

[960320](#) Rocky Linux Security Update for python27:2.7 (RLSA-2021:4151)

960342 Rocky Linux Security Update for python38:3.8 and python38-devel:3.8 (RLSA-2021:4162)

960431 Rocky Linux Security Update for python-jinja2 (RLSA-2021:4161)

982900 Python (pip) Security Update for jinja2 (GHSA-g3rq-g295-4j3m)

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