



# CVE-2020-27783

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-27783
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-12-03 17:15:00 UTC
<b>Updated</b>	2023-11-07 03:21:00 UTC
<b>Description</b>	A XSS vulnerability was discovered in python-lxml's clean module. The module's parser didn't properly imitate browsers, wh

## Risk And Classification

**Problem Types:** CWE-79

## 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>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Application	<a href="#">Lxml</a>	<a href="#">Lxml</a>	All	All	All	All
Application	<a href="#">Lxml</a>	<a href="#">Lxml</a>	All	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Snapcenter</a>	-	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Offline Mediation Controller</a>	12.0.0.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Zfs Storage Appliance Kit</a>	8.8	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Software Collections</a>	-	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Software Collections</a>	-	All	All	All

## References

Reference	Source	Link
1901633 – (CVE-2020-27783) CVE-2020-27783 python-lxml: mXSS due to the use of improper parser	MISC	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>

[SECURITY] Fedora 32 Update: python-lxml-4.4.1-5.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
<a href="https://advisory.checkmarx.net/advisory/CX-2020-4286">advisory.checkmarx.net/advisory/CX-2020-4286</a>	MISC	<a href="https://advisory.checkmarx.net">advisory.checkmarx.net</a>
Debian -- Security Information -- DSA-4810-1 lxml	DEBIAN	<a href="https://www.debian.org">www.debian.org</a>
[SECURITY] Fedora 33 Update: python-lxml-4.5.1-3.fc33 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Oracle Critical Patch Update Advisory - July 2021	N/A	<a href="https://www.oracle.com">www.oracle.com</a>
[SECURITY] [DLA 2467-2] lxml regression update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
CVE-2020-27783 lxml Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>
[SECURITY] Fedora 32 Update: python-lxml-4.4.1-5.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 33 Update: python-lxml-4.5.1-3.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [159227](#) Oracle Enterprise Linux Security Update for python-lxml (ELSA-2021-1898)
- [159342](#) Oracle Enterprise Linux Security Update for python27:2.7 (ELSA-2021-1761)
- [159460](#) Oracle Enterprise Linux Security Update for python38:3.8 (ELSA-2021-1879)
- [159768](#) Oracle Enterprise Linux Security Update for ol-automation-manager (ELSA-2022-9341)
- [239289](#) Red Hat Update for python-lxml (RHSA-2021:1898)
- [239292](#) Red Hat Update for python38:3.8 (RHSA-2021:1879)
- [239307](#) Red Hat Update for python27:2.7 (RHSA-2021:1761)
- [239580](#) Red Hat Update for rh-python38 (RHSA-2021:3254)
- [296069](#) Oracle Solaris 11.4 Support Repository Update (SRU) 31.88.5 Missing (CPUJAN2021)
- [352388](#) Amazon Linux Security Advisory for python-lxml: ALAS2-2021-1666
- [354846](#) Amazon Linux Security Advisory for python-lxml : ALAS-2023-1709
- [377332](#) Alibaba Cloud Linux Security Update for python-lxml (ALINUX3-SA-2022:0086)
- [377557](#) Alibaba Cloud Linux Security Update for python27:2.7 (ALINUX3-SA-2022:0112)
- [501364](#) Alpine Linux Security Update for py3-lxml
- [501679](#) Alpine Linux Security Update for py3-lxml
- [504329](#) Alpine Linux Security Update for py3-lxml

<a href="#">670202</a> EulerOS Security Update for python-lxml (EulerOS-SA-2021-1701)
<a href="#">670237</a> EulerOS Security Update for python-lxml (EulerOS-SA-2021-1839)
<a href="#">670673</a> EulerOS Security Update for python-lxml (EulerOS-SA-2021-2431)
<a href="#">751854</a> SUSE Enterprise Linux Security Update for python-lxml (SUSE-SU-2022:0803-1)
<a href="#">751858</a> OpenSUSE Security Update for python-lxml (openSUSE-SU-2022:0803-1)
<a href="#">751901</a> SUSE Enterprise Linux Security Update for python-lxml (SUSE-SU-2022:0895-1)
<a href="#">752637</a> SUSE Enterprise Linux Security Update for python3-lxml (SUSE-SU-2022:3461-1)
<a href="#">900214</a> CBL-Mariner Linux Security Update for python-lxml 4.2.4
<a href="#">901809</a> Common Base Linux Mariner (CBL-Mariner) Security Update for python-lxml (6807-1)
<a href="#">903431</a> Common Base Linux Mariner (CBL-Mariner) Security Update for python-lxml (4681)
<a href="#">940287</a> AlmaLinux Security Update for python38:3.8 (ALSA-2021:1879)
<a href="#">940311</a> AlmaLinux Security Update for python27:2.7 (ALSA-2021:1761)
<a href="#">960385</a> Rocky Linux Security Update for python38:3.8 (RLSA-2021:1879)
<a href="#">960420</a> Rocky Linux Security Update for python27:2.7 (RLSA-2021:1761)
<a href="#">960873</a> Rocky Linux Security Update for python-lxml (RLSA-2021:1898)
<a href="#">982397</a> Python (pip) Security Update for lxml (GHSA-pgww-xf46-h92r)

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