



# CVE-2019-20916

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## Summary

<b>CVE</b>	CVE-2019-20916
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-09-04 20:15:00 UTC
<b>Updated</b>	2022-07-25 18:15:00 UTC
<b>Description</b>	The pip package before 19.2 for Python allows Directory Traversal when a URL is given in an install command, because a

## Risk And Classification

**Problem Types:** CWE-22

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Ed
Operating System	Debian	Debian Linux	9.0	All	All
Operating System	Opensuse	Leap	15.1	All	All
Operating System	Opensuse	Leap	15.2	All	All
Application	Oracle	Communications Cloud Native Core Network Function Cloud Native Environment	1.10.0	All	All
Application	Oracle	Communications Cloud Native Core Policy	1.15.0	All	All
Application	Pypa	Pip	All	All	All
Application	Pypa	Pip	All	All	All

## References

Reference	Source	Link	Ta
pip install <url> allow directory traversal, leading to arbitrary file write · Issue #6413 · pypa/pip · GitHub	MISC	<a href="#">github.com</a>	Ex
[SECURITY] [DLA 2370-1] python-pip security update	MLIST	<a href="#">lists.debian.org</a>	M
Oracle Critical Patch Update Advisory - April 2022	MISC	<a href="#">www.oracle.com</a>	
[security-announce] openSUSE-SU-2020:1598-1: moderate: Security update f	SUSE	<a href="#">lists.opensuse.org</a>	M
FIX #6413 pip install <url> allow directory traversal · gzpan123/pip@a4c735b · GitHub	MISC	<a href="#">github.com</a>	Pa
Comparing 19.1.1...19.2 · pypa/pip · GitHub	MISC	<a href="#">github.com</a>	Pa
[security-announce] openSUSE-SU-2020:1613-1: moderate: Security update f	SUSE	<a href="#">lists.opensuse.org</a>	M

Oracle Critical Patch Update Advisory - July 2022	N/A	<a href="http://www.oracle.com">www.oracle.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	ca

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159683</a> Oracle Enterprise Linux Security Update for python27:2.7 (ELSA-2020-4654)
<a href="#">159694</a> Oracle Enterprise Linux Security Update for python-pip (ELSA-2022-9204)
<a href="#">159916</a> Oracle Enterprise Linux Security Update for python-virtualenv (ELSA-2022-5234)
<a href="#">174592</a> SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2021:0344-1)
<a href="#">240489</a> Red Hat Update for python-virtualenv (RHSA-2022:5234)
<a href="#">257181</a> CentOS Security Update for python-virtualenv Security Update (CESA-2022:5234)
<a href="#">352372</a> Amazon Linux Security Advisory for python-pip: ALAS2-2021-1639
<a href="#">377288</a> Alibaba Cloud Linux Security Update for python-virtualenv (ALINUX2-SA-2022:0030)
<a href="#">670872</a> EulerOS Security Update for python-pip (EulerOS-SA-2020-2490)
<a href="#">750349</a> OpenSUSE Security Update for python3 (openSUSE-SU-2021:0331-1)
<a href="#">750365</a> OpenSUSE Security Update for python (openSUSE-SU-2021:0270-1)
<a href="#">750500</a> OpenSUSE Security Update for python (openSUSE-SU-2020:2211-1)
<a href="#">750505</a> OpenSUSE Security Update for python-pip (openSUSE-SU-2020:2184-1)
<a href="#">750506</a> OpenSUSE Security Update for python-setuptools (openSUSE-SU-2020:2185-1)
<a href="#">750507</a> OpenSUSE Security Update for python3 (openSUSE-SU-2020:2190-1)
<a href="#">750509</a> OpenSUSE Security Update for python (openSUSE-SU-2020:2189-1)
<a href="#">750516</a> OpenSUSE Security Update for python-pip (openSUSE-SU-2020:2169-1)
<a href="#">750520</a> OpenSUSE Security Update for python3 (openSUSE-SU-2020:2152-1)
<a href="#">750525</a> OpenSUSE Security Update for python-setuptools (openSUSE-SU-2020:2143-1)
<a href="#">750706</a> OpenSUSE Security Update for python (openSUSE-SU-2020:2189-1)
<a href="#">752087</a> SUSE Enterprise Linux Security Update for python-pip (SUSE-SU-2022:1454-1)
<a href="#">753785</a> SUSE Enterprise Linux Security Update for python-pip (SUSE-SU-2023:0516-2)
<a href="#">770069</a> Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021-0426)

[770068](#) Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021:0438)

[900128](#) CBL-Mariner Linux Security Update for python-pip 18.0

[902924](#) Common Base Linux Mariner (CBL-Mariner) Security Update for python-pip (3691)

[940032](#) AlmaLinux Security Update for python27:2.7 (ALSA-2020:4654)

[940053](#) AlmaLinux Security Update for python-pip (ALSA-2020:4432)

[960365](#) Rocky Linux Security Update for python27:2.7 (RLSA-2020:4654)

[982340](#) Python (pip) Security Update for pip (GHSA-gpvv-69j7-gwj8)

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