



CVE-2022-45061

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

Summary

CVE	CVE-2022-45061
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-09 07:15:00 UTC
Updated	2023-11-07 03:54:00 UTC
Description	An issue was discovered in Python before 3.11.1. An unnecessary quadratic algorithm exists in one path when processing :

Risk And Classification

Problem Types: CWE-407

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Operating System	Netapp	Bootstrap Os	-	All	All	All
Application	Netapp	E-series Performance Analyzer	-	All	All	All
Application	Netapp	Element Software	-	All	All	All
Application	Netapp	Hci	-	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Application	Netapp	Management Services For Element Software	-	All	All	All
Application	Netapp	Ontap Select Deploy Administration Utility	-	All	All	All
Application	Python	Python	3.11.0	-	All	All
Application	Python	Python	3.11.0	alpha1	All	All
Application	Python	Python	3.11.0	alpha2	All	All
Application	Python	Python	3.11.0	alpha3	All	All
Application	Python	Python	3.11.0	alpha4	All	All

Application	Python	Python	3.11.0	alpha5	All	All
Application	Python	Python	3.11.0	alpha6	All	All
Application	Python	Python	3.11.0	alpha7	All	All
Application	Python	Python	3.11.0	beta1	All	All
Application	Python	Python	3.11.0	beta2	All	All
Application	Python	Python	3.11.0	beta3	All	All
Application	Python	Python	3.11.0	beta4	All	All
Application	Python	Python	3.11.0	beta5	All	All
Application	Python	Python	3.11.0	rc1	All	All
Application	Python	Python	3.11.0	rc2	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 36 Update: python3.11-3.11.1-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 36 Update: pypy3.9-7.3.11-1.3.9.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 37 Update: pypy-7.3.12-3.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 37 Update: python3.6-3.6.15-15.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 37 Update: python2.7-2.7.18-26.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 36 Update: python3.10-3.10.9-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 35 Update: python3.11-3.11.1-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 37 Update: python3.7-3.7.16-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
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[SECURITY] Fedora 38 Update: pypy-7.3.12-3.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 37 Update: mingw-python3-3.10.8-2.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
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[SECURITY] [DLA 3477-1] python3.7 security update	MLIST	lists.debian.org
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[SECURITY] [DLA 3432-1] python2.7 security update	MLIST	lists.debian.org

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Python, PyPy3: Multiple Vulnerabilities (GLSA 202305-02) — Gentoo security	GENTOO	security.gentoo.org
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[SECURITY] Fedora 36 Update: python3.9-3.9.16-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.or
[SECURITY] Fedora 37 Update: pypy3.9-7.3.11-1.3.9.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.or
[SECURITY] Fedora 37 Update: pypy-7.3.12-3.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.or
[SECURITY] Fedora 36 Update: python2.7-2.7.18-23.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.or
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [160473](#) Oracle Enterprise Linux Security Update for python3 (ELSA-2023-0833)
- [160484](#) Oracle Enterprise Linux Security Update for python3.9 (ELSA-2023-0953)
- [160651](#) Oracle Enterprise Linux Security Update for python38:3.8 and python38-devel:3.8 (ELSA-2023-2763)
- [160687](#) Oracle Enterprise Linux Security Update for python39:3.9 and python39-devel:3.9 (ELSA-2023-2764)
- [160688](#) Oracle Enterprise Linux Security Update for python27:2.7 (ELSA-2023-2860)
- [181802](#) Debian Security Update for python2.7 (DLA 3432-1)
- [182076](#) Debian Security Update for python3.11 (CVE-2022-45061)
- [199068](#) Ubuntu Security Notification for Python Vulnerabilities (USN-5767-1)
- [199497](#) Ubuntu Security Notification for Python Vulnerabilities (USN-5888-1)
- [20342](#) Oracle Database 21c Critical Patch Update - April 2023
- [241211](#) Red Hat Update for python3 (RHSA-2023:0833)
- [241226](#) Red Hat Update for python3.9 (RHSA-2023:0953)
- [241479](#) Red Hat Update for python27:2.7 (RHSA-2023:2860)
- [241481](#) Red Hat Update for python38:3.8 and python38-devel:3.8 (RHSA-2023:2763)
- [241507](#) Red Hat Update for python39:3.9 and python39-devel:3.9 (RHSA-2023:2764)
- [242344](#) Red Hat Update for rh-python38-python (RHSA-2023:6793)

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283597 Fedora Security Update for pypy3.8 (FEDORA-2023-78b4ce2f23)
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283610 Fedora Security Update for python2.7 (FEDORA-2023-f1381c83af)
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330132 IBM AIX Denial of Service (DoS) due to Python (python_advisory4)
354648 Amazon Linux Security Advisory for python3 : ALAS2-2023-1917
354694 Amazon Linux Security Advisory for python3.9 : ALAS2022-2023-273
354708 Amazon Linux Security Advisory for python3.10 : ALAS2022-2023-274
354792 Amazon Linux Security Advisory for python : ALAS2-2023-1980
354857 Amazon Linux Security Advisory for python27 : ALAS-2023-1713
354865 Amazon Linux Security Advisory for python38 : ALAS-2023-1714
355066 Amazon Linux Security Advisory for python27 : AL2012-2023-390
355180 Amazon Linux Security Advisory for python3.9 : ALAS2023-2023-104
356170 Amazon Linux Security Advisory for python38 : ALASPYTHON3.8-2023-002
356482 Amazon Linux Security Advisory for python38 : ALAS2PYTHON3.8-2023-002
502607 Alpine Linux Security Update for python3
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6000019 Debian Security Update for python3.7 (DLA 3477-1)
672560 EulerOS Security Update for python3 (EulerOS-SA-2023-1109)
672561 EulerOS Security Update for python3 (EulerOS-SA-2023-1133)
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674043 EulerOS Security Update for python2 (EulerOS-SA-2023-3149)
710714 Gentoo Linux Python, PyPy3 Multiple Vulnerabilities (GLSA 202305-02)

752827 SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2022:4258-1)
752899 SUSE Enterprise Linux Security Update for python39 (SUSE-SU-2022:4071-1)
752921 SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2022:4251-1)
752960 SUSE Enterprise Linux Security Update for python (SUSE-SU-2022:4275-1)
753742 SUSE Enterprise Linux Security Update for python36 (SUSE-SU-2023:0616-1)
753766 SUSE Enterprise Linux Security Update for python39 (SUSE-SU-2023:0707-1)
753769 SUSE Enterprise Linux Security Update for python (SUSE-SU-2023:0724-1)
753789 SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2023:0549-1)
904488 Common Base Linux Mariner (CBL-Mariner) Security Update for python3 (11445)
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960653 Rocky Linux Security Update for python3 (RLSA-2023:0833)
960897 Rocky Linux Security Update for python3.9 (RLSA-2023:0953)

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