CVE-2022-42919

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Summary

CVE	CVE-2022-42919
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-07 00:15:00 UTC
Updated	2023-11-07 03:53:00 UTC
Description	Python 3.9.x before 3.9.16 and 3.10.x before 3.10.9 on Linux allows local privilege escalation in a non-default configuration.

Risk And Classification

Problem Types: NVD-CWE-noinfo

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	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All
Application	Python	Python	All	All	All	All

References

Reference
[SECURITY] Fedora 36 Update: python3.10-3.10.8-3.fc36 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 36 Update: pypy3.9-7.3.11-1.3.9.fc36 - package-announce - Fedora Mailing-Lists
Comparing v3.10.8...v3.10.9 · python/cpython · GitHub
[SECURITY] Fedora 37 Update: python3.9-3.9.15-2.fc37 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 35 Update: python3.10-3.10.8-3.fc35 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 37 Update: python3.10-3.10.8-3.fc37 - package-announce - Fedora Mailing-Lists
CVE-2022-42919 Python Vulnerability in NetApp Products | NetApp Product Security
[SECURITY] Fedora 35 Update: python3.10-3.10.8-3.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 35 Update: python3.9-3.9.15-2.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 36 Update: python3.9-3.9.15-3.fc36 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 37 Update: python3.9-3.9.15-2.fc37 - package-announce - Fedora Mailing-Lists

Python, PyPy3: Multiple Vulnerabilities (GLSA 202305-02) — Gentoo security

Linux specific local privilege escalation via the multiprocessing forkserver start method - CVE-2022-42919 · Issue #97514 · python/cpython · G

[SECURITY] Fedora 36 Update: pypy3.9-7.3.11-1.3.9.fc36 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 37 Update: pypy3.9-7.3.11-1.3.9.fc37 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 36 Update: python3.9-3.9.15-3.fc36 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 37 Update: python3.10-3.10.8-3.fc37 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 37 Update: pypy3.9-7.3.11-1.3.9.fc37 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 35 Update: python3.9-3.9.15-2.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 36 Update: python3.10-3.10.8-3.fc36 - package-announce - Fedora Mailing-Lists

Comparing v3.9.15...v3.9.16 · python/cpython · GitHub

Linux specific local privilege escalation via the multiprocessing forkserver start method - CVE-2022-42919 · Issue #97514 · python/cpython · G

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160320 Oracle Enterprise Linux Security Update for python39:3.9 (ELSA-2022-8492)

160324 Oracle Enterprise Linux Security Update for python3.9 (ELSA-2022-8493)

183884 Debian Security Update for python3.11 (CVE-2022-42919)

199016 Ubuntu Security Notification for Python Vulnerability (USN-5713-1)

199497 Ubuntu Security Notification for Python Vulnerabilities (USN-5888-1)

20342 Oracle Database 21c Critical Patch Update - April 2023

240923 Red Hat Update for python39:3.9 (RHSA-2022:8492)

240924 Red Hat Update for python3.9 (RHSA-2022:8493)

283273 Fedora Security Update for python3.11 (FEDORA-2022-a04a020e48)

283278 Fedora Security Update for python3.11 (FEDORA-2022-92ca0d5447)

283321 Fedora Security Update for python3.9 (FEDORA-2022-1166a1df1e)

283324 Fedora Security Update for python3.9 (FEDORA-2022-b17bf30e88)

283335 Fedora Security Update for python3.10 (FEDORA-2022-462f39dd2f)

283367 Fedora Security Update for python3.10 (FEDORA-2022-f44dd1bec2)

283427 Fedora Security Update for python3.9 (FEDORA-2022-028c09eaa7)

283428 Fedora Security Update for python3.10 (FEDORA-2022-a7cad6bd22)

283456 Fedora Security Update for python3 (FEDORA-2022-a9a4c48d06)

283600 Fedora Security Update for pypy3.9 (FEDORA-2023-af5206f71d)

283604 Fedora Security Update for pypy3.9 (FEDORA-2023-097dd40685)

284297 Fedora Security Update for python3.10 (FEDORA-2022-bd02afca8c)

284298 Fedora Security Update for python3.9 (FEDORA-2022-6728f16289)

354694 Amazon Linux Security Advisory for python3.9 : ALAS2022-2023-273

354708 Amazon Linux Security Advisory for python3.10 : ALAS2022-2023-274

355180 Amazon Linux Security Advisory for python3.9 : ALAS2023-2023-104

502608 Alpine Linux Security Update for python3

504338 Alpine Linux Security Update for python3

672677 EulerOS Security Update for python3 (EulerOS-SA-2023-1414)

672694 EulerOS Security Update for python3 (EulerOS-SA-2023-1429)

710714 Gentoo Linux Python, PyPy3 Multiple Vulnerabilities (GLSA 202305-02)

752899 SUSE Enterprise Linux Security Update for python39 (SUSE-SU-2022:4071-1)

753766 SUSE Enterprise Linux Security Update for python39 (SUSE-SU-2023:0707-1)

904479 Common Base Linux Mariner (CBL-Mariner) Security Update for python3 (11394)

904709 Common Base Linux Mariner (CBL-Mariner) Security Update for python3 (11394-1)

905381 Common Base Linux Mariner (CBL-Mariner) Security Update for python3 (13209)

906959 Common Base Linux Mariner (CBL-Mariner) Security Update for python3 (13209-1)

940781 AlmaLinux Security Update for python39:3.9 (ALSA-2022:8492)

940782 AlmaLinux Security Update for python3.9 (ALSA-2022:8493)

960186 Rocky Linux Security Update for python39:3.9 (RLSA-2022:8492)

960578 Rocky Linux Security Update for python3.9 (RLSA-2022:8493)

CVE.report and Source URL Uptime Status status.cve.report