



CVE-2021-3733

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Summary

CVE	CVE-2021-3733
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-10 17:42:00 UTC
Updated	2023-06-30 23:15:00 UTC
Description	There's a flaw in urllib's AbstractBasicAuthHandler class. An attacker who controls a malicious HTTP server that an HTTP c

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Application	Fedoraproject	Extra Packages For Enterprise Linux	7.0	All
Operating System	Fedoraproject	Fedora	33	All
Operating System	Fedoraproject	Fedora	34	All
Operating System	Fedoraproject	Fedora	35	All
Operating System	Fedoraproject	Fedora	36	All
Application	Fedoraproject	Fedora Extra Packages For Enterprise Linux	7.0	All
Operating System	Netapp	Hci Compute Node Firmware	-	All
Application	Netapp	Management Services For Element Software And Netapp Hci	-	All
Application	Netapp	Ontap Select Deploy Administration Utility	-	All
Application	Netapp	Solidfire Enterprise Sds Hci Storage Node	-	All
Application	Python	Python	All	All
Application	Python	Python	3.10.0	-
Application	Python	Python	3.6.0	-
Application	Python	Python	3.7.0	-
Application	Python	Python	3.8.0	-
Application	Python	Python	3.9.0	-
Application	Redhat	Codeready Linux Builder	8.0	All

Application	Redhat	Codeready Linux Builder For Ibm Z Server	8.0	All
Application	Redhat	Codeready Linux Builder For Ibm Z Systems	8.0	All
Application	Redhat	Codeready Linux Builder For Power Little Endian	8.0	All
Operating System	Redhat	Enterprise Linux	8.0	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	8.0	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems Eus	8.4	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	8.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.4	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.4	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All
Operating System	Redhat	Enterprise Linux Server Update Services For Sap Solutions	8.4	All

References

Reference	Source	Link
CVE-2021-3733 Ubuntu	MISC	ubuntu.com
bpo-43075: Fix ReDoS in urllib AbstractBasicAuthHandler (GH-24391) · python/cpython@7215d1a · GitHub	MISC	github.com
[SECURITY] [DLA 3477-1] python3.7 security update	MLIST	lists.debian
[SECURITY] [DLA 3432-1] python2.7 security update	MLIST	lists.debian
1995234 – (CVE-2021-3733) CVE-2021-3733 python: urllib: Regular expression DoS in AbstractBasicAuthHandler	MISC	bugzilla.red
Issue 43075: CVE-2021-3733: ReDoS in urllib.request - Python tracker	MISC	bugs.pytho
bpo-43075: Fix ReDoS in request by yetingli · Pull Request #24391 · python/cpython · GitHub	MISC	github.com
CVE-2021-3733 Python Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.net
CVE Program record	CVE.ORG	www.cve.or
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159444 Oracle Enterprise Linux Security Update for python3 (ELSA-2021-4057)

159466 Oracle Enterprise Linux Security Update for python39:3.9 and python39-devel:3.9 (ELSA-2021-4160)

159797 Oracle Enterprise Linux Security Update for python38:3.8 and python38-devel:3.8 (ELSA-2022-1764)

159819 Oracle Enterprise Linux Security Update for python27:2.7 (ELSA-2022-1821)

178882 Debian Security Update for python3.5 (DLA 2808-1)
181802 Debian Security Update for python2.7 (DLA 3432-1)
198609 Ubuntu Security Notification for Python Vulnerabilities (USN-5199-1)
198611 Ubuntu Security Notification for Python Vulnerabilities (USN-5200-1)
239768 Red Hat Update for python3 (RHSA-2021:4057)
239841 Red Hat Update for python39:3.9 and python39-devel:3.9 (RHSA-2021:4160)
240254 Red Hat Update for python27-python and python27-python-pip (RHSA-2022:1663)
240287 Red Hat Update for python38:3.8 and python38-devel:3.8 (RHSA-2022:1764)
240302 Red Hat Update for python27:2.7 (RHSA-2022:1821)
281936 Fedora Security Update for python2.7 (FEDORA-2021-34760089da)
281937 Fedora Security Update for python2.7 (FEDORA-2021-68d0f3043a)
281947 Fedora Security Update for mingw (FEDORA-2021-eef0654c0b)
296062 Oracle Solaris 11.4 Support Repository Update (SRU) 43.113.3 Missing (CPUJAN2022)
353942 Amazon Linux Security Advisory for python : ALAS2-2022-1802
353955 Amazon Linux Security Advisory for python27 : ALAS-2022-1593
377387 Alibaba Cloud Linux Security Update for python3 (ALINUX3-SA-2021:0080)
6000019 Debian Security Update for python3.7 (DLA 3477-1)
671034 EulerOS Security Update for python (EulerOS-SA-2021-2669)
671148 EulerOS Security Update for python2 (EulerOS-SA-2021-2812)
671155 EulerOS Security Update for python3 (EulerOS-SA-2021-2813)
671213 EulerOS Security Update for python3 (EulerOS-SA-2022-1013)
671224 EulerOS Security Update for python3 (EulerOS-SA-2022-1033)
671253 EulerOS Security Update for python (EulerOS-SA-2022-1183)
671296 EulerOS Security Update for python3 (EulerOS-SA-2022-1214)
671306 EulerOS Security Update for python3 (EulerOS-SA-2022-1233)
751252 SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2021:3477-1)
751261 SUSE Enterprise Linux Security Update for python36 (SUSE-SU-2021:3486-1)
751268 OpenSUSE Security Update for python (openSUSE-SU-2021:3489-1)
751271 SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2021:3501-1)

751274 SUSE Enterprise Linux Security Update for python (SUSE-SU-2021:3524-1)
751306 OpenSUSE Security Update for python (openSUSE-SU-2021:1418-1)
751494 OpenSUSE Security Update for python3 (openSUSE-SU-2021:4104-1)
751548 SUSE Enterprise Linux Security Update for python3 (SUSE-SU-2021:4015-2)
752098 SUSE Enterprise Linux Security Update for python39 (SUSE-SU-2022:1485-1)
902045 Common Base Linux Mariner (CBL-Mariner) Security Update for python2 (9820)
902673 Common Base Linux Mariner (CBL-Mariner) Security Update for python2 (9820-1)
940315 AlmaLinux Security Update for python3 (ALSA-2021:4057)
940499 AlmaLinux Security Update for python27:2.7 (ALSA-2022:1821)
940557 AlmaLinux Security Update for python38:3.8 and python38-devel:3.8 (ALSA-2022:1764)
940559 AlmaLinux Security Update for python39:3.9 and python39-devel:3.9 (ALSA-2021:4160)
960239 Rocky Linux Security Update for python39:3.9 and python39-devel:3.9 (RLSA-2021:4160)
960252 Rocky Linux Security Update for python38:3.8 and python38-devel:3.8 (RLSA-2022:1764)
960259 Rocky Linux Security Update for python27:2.7 (RLSA-2022:1821)

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