CVE-2020-1747

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Summary

CVE	CVE-2020-1747
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-03-24 15:15:00 UTC
Updated	2023-11-07 03:19:00 UTC
Description	A vulnerability was discovered in the PyYAML library in versions before 5.3.1, where it is susceptible to arbitrary code execu

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Operating System	Fedoraproject	Fedora	30	All
Operating System	Fedoraproject	Fedora	31	All
Operating System	Fedoraproject	Fedora	32	All
Operating System	Fedoraproject	Fedora	33	All
Operating System	Fedoraproject	Fedora	30	All
Operating System	Fedoraproject	Fedora	31	All
Operating System	Fedoraproject	Fedora	32	All
Operating System	Fedoraproject	Fedora	33	All
Operating System	Opensuse	Leap	15.1	All
Operating System	Opensuse	Leap	15.1	All
Application	Oracle	Communications Cloud Native Core Network Function Cloud Native Environment	22.1.0	All
Application	Pyyaml	Pyyaml	All	All
Application	Pyyaml	Pyyaml	All	All

References

Reference	S
1807367 – (CVE-2020-1747) CVE-2020-1747 PyYAML: arbitrary command execution through python/object/new when FullLoader is used	C

[SECURITY] Fedora 31 Update: PyYAML-5.3.1-1.fc31 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 33 Update: PyYAML-5.4.1-1.fc33 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 32 Update: PyYAML-5.4.1-1.fc32 - package-announce - Fedora Mailing-Lists	F
[SECURITY] Fedora 30 Update: PyYAML-5.3.1-1.fc30 - package-announce - Fedora Mailing-Lists	
[security-announce] openSUSE-SU-2020:0630-1: important: Security update	S
[security-announce] openSUSE-SU-2020:0507-1: important: Security update	S
[SECURITY] Fedora 32 Update: PyYAML-5.4.1-1.fc32 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 31 Update: PyYAML-5.3.1-1.fc31 - package-announce - Fedora Mailing-Lists	F
[SECURITY] Fedora 32 Update: PyYAML-5.3.1-1.fc32 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 33 Update: PyYAML-5.4.1-1.fc33 - package-announce - Fedora Mailing-Lists	F
[SECURITY] Fedora 30 Update: PyYAML-5.3.1-1.fc30 - package-announce - Fedora Mailing-Lists	F
[SECURITY] Fedora 32 Update: PyYAML-5.3.1-1.fc32 - package-announce - Fedora Mailing-Lists	F
Prevents arbitrary code execution during python/object/new constructor by ret2libc · Pull Request #386 · yaml/pyyaml · GitHub	M
Oracle Critical Patch Update Advisory - July 2022	N
CVE Program record	C
NVD vulnerability detail	N

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 159654 Oracle Enterprise Linux Security Update for python38:3.8 (ELSA-2020-4641)
- 239895 Red Hat Update for Satellite 6.10 (RHSA-2021:4702)
- 296067 Oracle Solaris 11.4 Support Repository Update (SRU) 33.94.0 Missing (CPUAPR2021)
- 500783 Alpine Linux Security Update for py3-yaml
- 504336 Alpine Linux Security Update for py3-yaml
- 670312 EulerOS Security Update for PyYAML (EulerOS-SA-2021-1912)
- 670367 EulerOS Security Update for PyYAML (EulerOS-SA-2021-1958)
- 670388 EulerOS Security Update for PyYAML (EulerOS-SA-2021-1937)
- 710880 Gentoo Linux PyYAML Arbitrary Code Execution Vulnerability (GLSA 202402-33)
- 751033 SUSE Enterprise Linux Security Update for python-PyYAML (SUSE-SU-2021:2818-1)
- 752486 SUSE Enterprise Linux Security Update for python-PyYAML (SUSE-SU-2022:2841-1)
- 904835 Common Base Linux Mariner (CBL-Mariner) Security Update for PyYAML (12297)

904864 Common Base Linux Mariner (CBL-Mariner) Security Update for mozjs60 (12381)

904988 Common Base Linux Mariner (CBL-Mariner) Security Update for PyYAML (12457)

907545 Common Base Linux Mariner (CBL-Mariner) Security Update for PyYAML (31783-1)

940211 AlmaLinux Security Update for python38:3.8 (ALSA-2020:4641)

960347 Rocky Linux Security Update for python38:3.8 (RLSA-2020:4641)

981293 Python (pip) Security Update for pyyaml (GHSA-6757-jp84-gxfx)