



CVE-2017-18342

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2017-18342
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-06-27 12:29:00 UTC
Updated	2023-11-07 02:41:00 UTC
Description	In PyYAML before 5.1, the yaml.load() API could execute arbitrary code if used with untrusted data. The load() function has

Risk And Classification

Problem Types: CWE-502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	28	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	28	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Application	Pyyaml	Pyyaml	All	All	All	All
Application	Pyyaml	Pyyaml	All	All	All	All

References

Reference	Source	Link
PyYAML yaml.load(input) Deprecation · yaml/pyyaml Wiki · GitHub		github.com
[SECURITY] Fedora 30 Update: PyYAML-5.1-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
PyYAML: Arbitrary code execution (GLSA 202003-45) — Gentoo security	GENTOO	security.gentoo.org
pyyaml/CHANGES at master · yaml/pyyaml · GitHub	MISC	github.com
[SECURITY] Fedora 29 Update: PyYAML-5.1-1.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 28 Update: PyYAML-5.1-1.fc28 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org

[SECURITY] Fedora 29 Update: PyYAML-5.1-1.fc29 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Use 'yaml.safe_load' in 'load_yaml_from_docstring' · Issue #278 · marshmallow-code/apispec · GitHub	MISC	github.com
[SECURITY] Fedora 30 Update: PyYAML-5.1-1.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
PyYAML 4.2 Release Plan · Issue #193 · yaml/pyyaml · GitHub	MISC	github.com
[SECURITY] Fedora 28 Update: PyYAML-5.1-1.fc28 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
PyYAML yaml.load(input) Deprecation · yaml/pyyaml Wiki · GitHub	MISC	github.com
Make pyyaml safe by default. by alex · Pull Request #74 · yaml/pyyaml · GitHub	MISC	github.com
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

- [159768](#) Oracle Enterprise Linux Security Update for ol-automation-manager (ELSA-2022-9341)
- [296075](#) Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)
- [904846](#) Common Base Linux Mariner (CBL-Mariner) Security Update for mozjs60 (12374)
- [904919](#) Common Base Linux Mariner (CBL-Mariner) Security Update for PyYAML (12295)
- [904980](#) Common Base Linux Mariner (CBL-Mariner) Security Update for PyYAML (12458)
- [980984](#) Python (pip) Security Update for pyyaml (GHSA-rprw-h62v-c2w7)

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