



CVE-2019-7164

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

Summary

CVE	CVE-2019-7164
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-02-20 00:29:00 UTC
Updated	2021-12-03 20:09:00 UTC
Description	SQLAlchemy through 1.2.17 and 1.3.x through 1.3.0b2 allows SQL Injection via the order_by parameter.

Risk And Classification

Problem Types: CWE-89

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Opensuse	Backports Sle	15.0	-	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Oracle	Communications Operations Monitor	4.2	All	All	All
Application	Oracle	Communications Operations Monitor	4.3	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All	All	All
Application	Sqlalchemy	Sqlalchemy	1.3.0	b1	All	All

Application	Sqlalchemy	Sqlalchemy	1.3.0	b2	All	All
Application	Sqlalchemy	Sqlalchemy	1.3.0	beta1	All	All
Application	Sqlalchemy	Sqlalchemy	1.3.0	beta2	All	All
Application	Sqlalchemy	Sqlalchemy	1.3.0	b1	All	All
Application	Sqlalchemy	Sqlalchemy	1.3.0	b2	All	All
Application	Sqlalchemy	Sqlalchemy	All	All	All	All

References

Reference

[SECURITY] [DLA 1718-1] sqlalchemy security update

[security-announce] openSUSE-SU-2019:2064-1: important: Security update

Red Hat Customer Portal

[security-announce] openSUSE-SU-2019:2078-1: important: Security update

Red Hat Customer Portal

fully deprecate textual coercion in where(), filter(), order_by(), add docnotes not to pass untrusted input to these · Issue #4481 · sqlalchemy/sqlalchemy

[security-announce] openSUSE-SU-2019:2039-1: important: Security update

[SECURITY] [DLA 2811-1] sqlalchemy security update

Oracle Critical Patch Update Advisory - January 2021

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[178881](#) Debian Security Update for sqlalchemy (DLA 2811-1)

[296078](#) Oracle Solaris 11.4 Support Repository Update (SRU) 16.4.0 Missing (CPUOCT2019)

[940518](#) AlmaLinux Security Update for python36:3.6 (ALSA-2019:0984)

[940561](#) AlmaLinux Security Update for python27:2.7 (ALSA-2019:0981)

[960799](#) Rocky Linux Security Update for python36:3.6 (RLSA-2019:0984)

[960853](#) Rocky Linux Security Update for python27:2.7 (RLSA-2019:0981)

[980202](#) Python (pip) Security Update for SQLAlchemy (GHSA-887w-45rq-vxgf)

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