CVE-2021-41077

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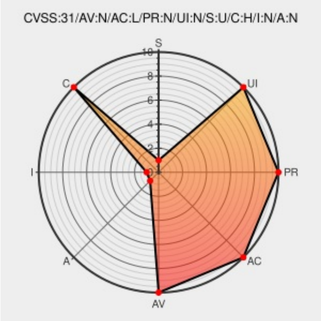

Certain versions of Travis Ci from Travis-ci contain the following vulnerability:

The activation process in Travis CI, for certain 2021-09-03 through 2021-09-10 builds, causes secret data to have unexpected sharing that is not specified by the customer-controlled .travis.yml file. In particular, the desired behavior (if .travis.yml has been created locally by a customer, and added to git) is for a Travis service to perform builds in a way that prevents public access to customer-specific secret environment data such as signing keys, access credentials, and API tokens. However, during the stated 8-day interval, secret data could be revealed to an unauthorized actor who forked a public repository and printed files during a build process.

CVE-2021-41077 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	**Attack Complexity**	**Privileges Required**	**User Interaction**
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: 4.3 - MEDIUM

Access Vector	**Access Complexity**	**Authentication**
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
JavaScript is not available.	nitter.domain.glass text/html	MISC twitter.com/peter_szilagyi/status/1437649838477283330
The Travis CI Blog: Security Bulletin	blog.travis-ci.com text/html	MISC blog.travis-ci.com/2021-09-13-bulletin
Travis CI Leaked Secure Environment Variables | Hacker News	news.ycombinator.com text/html	MISC news.ycombinator.com/item?id=28523350
Security Bulletin - Announcements - Travis CI Community	travis-ci.community text/html	MISC travis-ci.community/t/security-bulletin/12081
Péter Szilágyi (karalabe.eth) on Twitter: "Between the 3 Sept and 10 Sept, secure env vars of *all* public @travisci repositories were injected into PR builds. Signing keys, access creds, API tokens. Anyone could exfiltrate these and gain lateral movement into 1000s of orgs. #security 1/4 https://t.co/i23jFzAjjH"	nitter.domain.glass text/html	MISC twitter.com/peter_szilagyi/status/1437646118700175360
Secure env vars of all public travisci repositories were injected into PR builds | Hacker News	news.ycombinator.com text/html	MISC news.ycombinator.com/item?id=28524727

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC for exploiting CVE-2021-41077 : The activation process in Travis CI, for certain 2021-09-03 through 2021-09-10 bu…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Travis-ci	Travis Ci	All	All	All	All

cpe:2.3:a:travis-ci:travis_ci:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-41077 : The activation process in Travis CI, for certain 2021-09-03 through 2021-09-10 builds, causes secr… twitter.com/i/web/status/1…	2021-09-14 15:43:00
@azu_re	CVEが登録されてた。 "CVE - CVE-2021-41077"	2021-09-14 15:53:34
@alexanderjaeger	And also a CVE has been assigned: @CVEnew #CVE202141077	2021-09-15 08:44:20

@alexanderjaeger		[illegible]
@_lijnk	@Jeremy_Kirk @peter_szilagyi	2021-09-15 14:33:30
@autumn_good_35	CVE-2021-41077 Travis CI Flaw Exposes Secrets of Thousands of Open Source Projects thehackernews.com/2021/09/travis…	2021-09-16 15:10:13
@wallofsheep	#Travis CI Flaw exposes secrets of thousands of #opensource projects! CVE-2021-41077 - fork a public repo with a p… twitter.com/i/web/status/1…	2021-09-16 18:50:02
@HackersOmhe	Error de ciberseguridad en Travis CI	2021-09-17 03:46:39
@eagerbeavertech	thehackernews.com/2021/09/travis… The issue - tracked as CVE-2021-41077 - concerns unauthorized access and plunder of sec… twitter.com/i/web/status/1…	2021-09-17 04:03:32
@eed3si9n	due to the poor handling of the recent security incident CVE-2021-41077, I'm suspending Travis CI integration on al… twitter.com/i/web/status/1…	2021-09-19 02:40:49
@sickcodes	Travis CI’s advisory for CVE-2021-41077 is ~45 words of blaming the victims of their own vulnerability. The adviso… twitter.com/i/web/status/1…	2021-09-19 08:13:48
@kabukawa	CVE-2021-41077	2021-09-19 11:10:33

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