CVE-2021-44657

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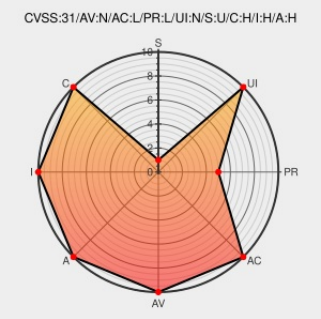
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Stackstorm from Stackstorm contain the following vulnerability:

In StackStorm versions prior to 3.6.0, the jinja interpreter was not run in sandbox mode and thus allows execution of unsafe system commands. Jinja does not enable sandboxed mode by default due to backwards compatibility. Stackstorm now sets sandboxed mode for jinja by default.

CVE-2021-44657 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 9 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Python vulnerabilities : Code execution in jinja templates · Podalirius	podalirius.net text/html	MISC podalirius.net/en/articles/python-vulnerabilities-code-execution-in-jinja-templates/
Use Jinja sandboxed environment by amanda11 · Pull Request	github.com	MISC github.com/StackStorm/st2/pull/5359

Use jinja sandboxed environment by amanda11 · Pull Request #5359 · StackStorm/st2 · GitHub	github.com text/html	MISC github.com/StackStorm/st2/pull/5359
StackStorm v3.6.0 Released - StackStorm	stackstorm.com text/html	MISC stackstorm.com/2021/12/16/stackstorm-v3-6-0-released/
Execute arbitrary codes in template without sandbox environment. · Issue #549 · pallets/jinja · GitHub	github.com text/html	MISC github.com/pallets/jinja/issues/549

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Stackstorm	Stackstorm	All	All	All	All

cpe:2.3:a:stackstorm:stackstorm:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
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