CVE-2021-28125

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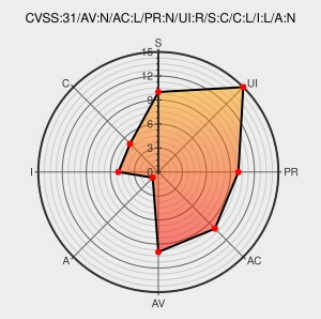
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Superset from Apache contain the following vulnerability:

Apache Superset up to and including 1.0.1 allowed for the creation of an external URL that could be malicious. By not checking user input for open redirects the URL shortener functionality would allow for a malicious user to create a short URL for a dashboard that could convince the user to click the link.

CVE-2021-28125 has been assigned by security@apache.org to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Apache Software Foundation** - **Apache Superset** version **<= 1.0.1**

Vulnerability Patch/Work Around

https://github.com/apache/superset/pull/13461

CVSS3 Score: 6.1 - MEDIUM

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

CVSS2 Score: 5.8 - MEDIUM

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

CVE References

Description	Tags	Link
Pony Mail!	lists.apache.org text/html	MLIST [superset-dev] 20210427 CVE-2021-28125: Apache Superset Open Redirect
oss-security - CVE-2021-28125: Apache Superset Open Redirect	www.openwall.com text/html	MLIST [oss-security] 20210427 CVE-2021-28125: Apache Superset Open Redirect

Related QID Numbers

980513 Python (pip) Security Update for superset (GHSA-pfwg-rxf4-97c3)

Exploit/POC from Github

PoC for exploiting CVE-2021-28125

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Superset	All	All	All	All

cpe:2.3:a:apache:superset:*:*:*:*:*:*:*:*:

Discovery Credit

Found and reported by Gianluca Veltri, Dario Castrogiovanni

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-28125 : #Apache Superset up to and including 1.0.1 allowed for the creation of an external URL that could… twitter.com/i/web/status/1…	2021-04-27 09:30:27
/r/netcve	CVE-2021-28125	2021-04-27 09:41:20

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CVE.report and Source URL Uptime Status status.cve.report