CVE-2022-38170

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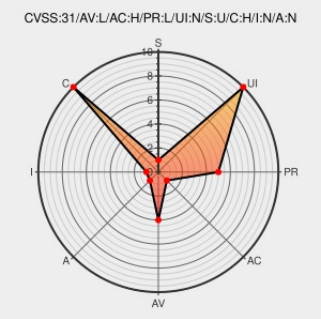
CVE-2022-38170

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



Certain versions of Airflow from Apache contain the following vulnerability:

In Apache Airflow prior to 2.3.4, an insecure umask was configured for numerous Airflow components when running with the `--daemon` flag which could result in a race condition giving world-writable files in the Airflow home directory and allowing local users to expose arbitrary file contents via the webserver.

CVE-2022-38170 has been assigned by security@apache.org to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Apache Software Foundation** - **Apache Airflow** version **<= 2.3.3**

Vulnerability Patch/Work Around

Run without the `--daemon` flag via a process supervisor instead (systemd, runit, etc.).

CVSS3 Score: 4.7 - MEDIUM

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

CVE References

Description	Tags	Link
oss-security - Re: CVE-2022-38170: Apache Airflow: Overly permissive umask for deamons	www.openwall.com text/html	MLIST [oss-security] 20220902 Re: CVE-2022-38170: Apache Airflow: Overly permissive umask for deamons
oss-security - CVE-2022-38170: Apache Airflow: Overly permissive umask for deamons	www.openwall.com text/html	MLIST [oss-security] 20220902 CVE-2022-38170: Apache Airflow: Overly permissive umask for deamons
oss-security - Re: CVE-2022-38170: Apache Airflow:	www.openwall.com	MLIST [oss-security] 20220920 Re: CVE-2022-38170:

Overly permissive umask for deamons	text/html	Apache Airflow: Overly permissive umask for deamons
No Description Provided	lists.apache.org text/html	MISC lists.apache.org/thread/zn8mbbb1j2od5nc9zhrvb7rpsrg1vvzv

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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

cpe:2.3:a:apache:airflow:*:*:*:*:*:*:*:*:

Discovery Credit

The Apache Airflow PMC would like to thank Harry Sintonen for reporting this issue.

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-38170 : In #Apache Airflow prior to 2.3.4, an insecure umask was configured for numerous Airflow component… twitter.com/i/web/status/1…	2022-09-02 07:18:32
/r/netcve	CVE-2022-38170	2022-09-02 08:38:34

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