CVE-2018-8024

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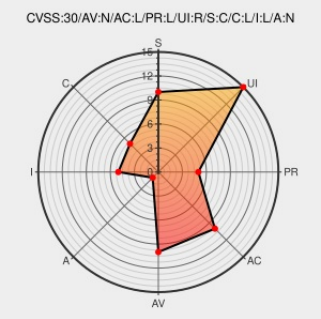
CVE-2018-8024

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



Certain versions of Spark from Apache contain the following vulnerability:

In Apache Spark 2.1.0 to 2.1.2, 2.2.0 to 2.2.1, and 2.3.0, it's possible for a malicious user to construct a URL pointing to a Spark cluster's UI's job and stage info pages, and if a user can be tricked into accessing the URL, can be used to cause script to execute and expose information from the user's view of the Spark UI. While some browsers like recent versions of Chrome and Safari are able to block this type of attack, current versions of Firefox (and possibly others) do not.

CVE-2018-8024 has been assigned by security@apache.org to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Apache Software Foundation** - **Apache Spark** version **1.0.0 to 2.1.2**

Affected Vendor/Software: **Apache Software Foundation** - **Apache Spark** version **2.2.0 to 2.2.1**

Affected Vendor/Software: **Apache Software Foundation** - **Apache Spark** version **2.3.0**

CVSS3 Score: 5.4 - MEDIUM

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

CVSS2 Score: 4.9 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

PARTIAL | PARTIAL | NONE

CVE References

Description	Tags	Link
Security | Apache Spark	Mitigation Vendor Advisory spark.apache.org text/html	CONFIRM spark.apache.org/security.html#CVE-2018-8024
Apache Mail Archives	Mailing List Mitigation Vendor Advisory lists.apache.org text/html	MLIST [dev] 20180711 CVE-2018-8024 Apache Spark XSS vulnerability in UI

Related QID Numbers

981203 Java (maven) Security Update for org.apache.spark:spark-core_2.11 (GHSA-8cw6-5qvp-q3wj)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Spark	2.3.0	All	All	All
Application	Apache	Spark	2.3.0	All	All	All
Application	Apache	Spark	All	All	All	All
Application	Apache	Spark	All	All	All	All
Application	Mozilla	Firefox	-	All	All	All
Application	Mozilla	Firefox	-	All	All	All

cpe:2.3:a:apache:spark:2.3.0:*:*:*:*:*:*:*:

cpe:2.3:a:apache:spark:2.3.0:*:*:*:*:*:*:*:

cpe:2.3:a:apache:spark:*:*:*:*:*:*:*:*:

cpe:2.3:a:apache:spark:*:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox:-:*:*:*:*:*:*:*:

cpe:2.3:a:mozilla:firefox:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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