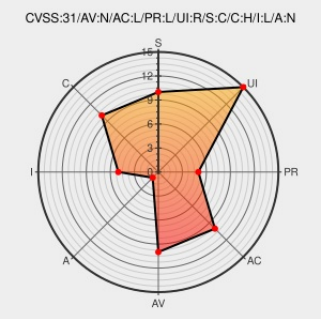
CVE-2020-5280

Published on: 03/25/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:04 PM UTC

CVE-2020-5280 - advisory for GHSA-66q9-f7ff-mmx6

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



Certain versions of Http4s from Typelevel contain the following vulnerability:

http4s before versions 0.18.26, 0.20.20, and 0.21.2 has a local file inclusion vulnerability. This vulnerability applies to all users of org.http4s.server.staticcontent.FileService, org.http4s.server.staticcontent.ResourceService and org.http4s.server.staticcontent.WebjarService. URI normalization is applied incorrectly. Requests whose path info contain ../ or // can expose resources outside of the configured location. This issue is patched in versions 0.18.26, 0.20.20, and 0.21.2. Note that 0.19.0 is a deprecated release and has never been supported.

CVE-2020-5280 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **http4s** - **http4s** version **< 0.18.26**

Affected Vendor/Software: **http4s** - **http4s** version **>= 0.19.0, < 0.20.20**

Affected Vendor/Software: **http4s** - **http4s** version **>= 0.21.0, < 0.21.2**

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: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

Impact	Impact	Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Merge pull request from GHSA-66q9-f7ff-mmx6 · http4s/http4s@b87f31b · GitHub	Patch github.com text/html	MISC github.com/http4s/http4s/commit/b87f31b2292dabe667bec3b04ce66176c8a3e17b
Local file inclusion vulnerability in FileService, ResourceService, WebjarService · Advisory · http4s/http4s · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/http4s/http4s/security/advisories/GHSA-66q9-f7ff-mmx6
Merge pull request from GHSA-66q9-f7ff-mmx6 · http4s/http4s@250afdd · GitHub	Patch github.com text/html	MISC github.com/http4s/http4s/commit/250afddbb2e65b70ca9ddaec9d1eb3aaa56de7ec
Merge pull request from GHSA-66q9-f7ff-mmx6 · http4s/http4s@752b3f6 · GitHub	Patch github.com text/html	MISC github.com/http4s/http4s/commit/752b3f63a05a31d2de4f8706877aa08d6b89efca

Related QID Numbers

982989 Java (maven) Security Update for org.http4s:http4s-server_2.12 (GHSA-66q9-f7ff-mmx6)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Typelevel	Http4s	All	All	All	All
Application	Typelevel	Http4s	All	All	All	All

cpe:2.3:a:typelevel:http4s:*:*:*:*:*:*:*:*:

cpe:2.3:a:typelevel:http4s:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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