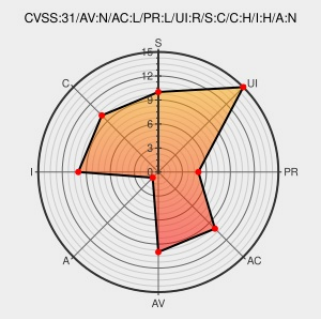
CVE-2020-26222

Published on: 11/13/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:55 PM UTC

CVE-2020-26222 - advisory for GHSA-23f7-99jx-m54r

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



Certain versions of Dependabot from Dependabot Project contain the following vulnerability:

Dependabot is a set of packages for automated dependency management for Ruby, JavaScript, Python, PHP, Elixir, Rust, Java, .NET, Elm and Go. In Dependabot-Core from version 0.119.0.beta1 before version 0.125.1, there is a remote code execution vulnerability in dependabot-common and dependabot-go_modules when a source branch name contains malicious injectable bash code. For example, if Dependabot is configured to use the following source branch name: "/$({curl,127.0.0.1})", Dependabot will make a HTTP request to the following URL: 127.0.0.1 when cloning the source repository. The fix was applied to version 0.125.1. As a workaround, one can escape the branch name prior to passing it to the Dependabot::Source class.

CVE-2020-26222 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **dependabot** - **dependabot-core** version **< 0.125.1**

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: 6.5 - MEDIUM

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

PARTIAL | PARTIAL | PARTIAL

CVE References

Description	Tags	Link
v0.125.1 by feelepxyz · Pull Request #2727 · dependabot/dependabot-core · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/dependabot/dependabot-core/pull/2727
Remote code execution in dependabot-core branch names when cloning · Advisory · dependabot/dependabot-core · GitHub	Exploit Third Party Advisory github.com text/html	CONFIRM github.com/dependabot/dependabot-core/security/advisories/GHSA-23f7-99jx-m54r
Merge pull request #2727 from dependabot/v0.125.1-release-notes · dependabot/dependabot-core@e089116 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/dependabot/dependabot-core/commit/e089116abbe284425b976f7920e502b8e83a61b5

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Dependabot Project	Dependabot	All	All	All	All
Application	Dependabot Project	Dependabot	0.119.0	-	All	All
Application	Dependabot Project	Dependabot	0.119.0	beta1	All	All
Application	Dependabot Project	Dependabot	All	All	All	All
Application	Dependabot Project	Dependabot	0.119.0	-	All	All
Application	Dependabot Project	Dependabot	0.119.0	beta1	All	All

cpe:2.3:a:dependabot_project:dependabot:*:*:*:*:*:*:*:*:

cpe:2.3:a:dependabot_project:dependabot:0.119.0:-:*:*:*:*:*:*:

cpe:2.3:a:dependabot_project:dependabot:0.119.0:beta1:*:*:*:*:*:*:

cpe:2.3:a:dependabot_project:dependabot:*:*:*:*:*:*:*:*:

cpe:2.3:a:dependabot_project:dependabot:0.119.0:-:*:*:*:*:*:*:

cpe:2.3:a:dependabot_project:dependabot:0.119.0:beta1:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID | Next ID →