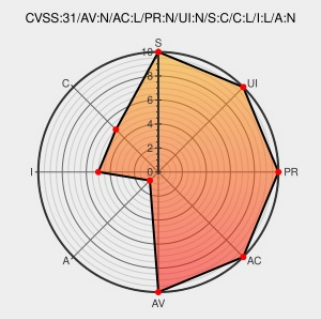
CVE-2021-21304

Published on: 02/08/2021 12:00:00 AM UTC

Last Modified on: 10/25/2022 03:44:00 PM UTC

CVE-2021-21304 - advisory for GHSA-rrqm-p222-8ph2

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



Certain versions of Dynamoose from Dynamoosejs contain the following vulnerability:

Dynamoose is an open-source modeling tool for Amazon's DynamoDB. In Dynamoose from version 2.0.0 and before version 2.7.0 there was a prototype pollution vulnerability in the internal utility method "lib/utils/object/set.ts". This method is used throughout the codebase for various operations throughout Dynamoose. We have not seen any evidence of this vulnerability being exploited. There is no evidence this vulnerability impacts versions 1.x.x since the vulnerable method was added as part of the v2 rewrite. This vulnerability also impacts v2.x.x beta/alpha versions. Version 2.7.0 includes a patch for this vulnerability.

CVE-2021-21304 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **dynamoose** - **dynamoose** version **>= 2.0.0, < 2.7.0**

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
Merge pull request from GHSA-rrqm-p222-8ph2 · dynamoose/dynamoose@324c62b · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/dynamoose/dynamoose/commit/324c62b4709204955931a187362f899
Prototype Pollution · Advisory · dynamoose/dynamoose · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/dynamoose/dynamoose/security/advisories/GHSA-rrqm-
dynamoose	Product Third Party Advisory www.npmjs.com text/html	MISC www.npmjs.com/package/dynamoose
Release v2.7.0 · dynamoose/dynamoose · GitHub	Release Notes Third Party Advisory github.com text/html	MISC github.com/dynamoose/dynamoose/releases/tag/v2.7.0

Related QID Numbers

981554 Nodejs (npm) Security Update for dynamoose (GHSA-rrqm-p222-8ph2)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Dynamoosejs	Dynamoose	All	All	All	All
Application	Dynamoosejs	Dynamoose	All	All	All	All

cpe:2.3:a:dynamoosejs:dynamoose:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:dynamoosejs:dynamoose:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)

← Previous ID

Next ID→

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