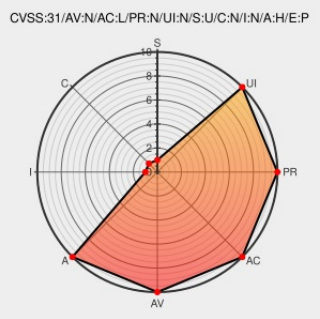
CVE-2022-25231

Published on: Not Yet Published

Last Modified on: 08/26/2022 01:01:00 PM UTC

CVE-2022-25231

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



Certain versions of Node-opcua from Node-opcua Project contain the following vulnerability:

The package node-opcua before 2.74.0 are vulnerable to Denial of Service (DoS) by sending a specifically crafted OPC UA message with a special OPC UA NodeID, when the requested memory allocation exceeds the v8's memory limit.

CVE-2022-25231 has been assigned by report@snyk.io to track the vulnerability - currently rated as HIGH severity.

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	NONE	NONE	HIGH

CVE References

Description	Tags	Link
server: use ServiceFault on request error · node-opcua/node-opcua@7b5044b · GitHub	github.com text/html	MISC github.com/node-opcua/node-opcua/commit/7b5044b3f5866fbedc3efabd05e407352c07bd2f
Denial of Service (DoS) in node-opcua | CVE-2022-25231 | Snyk	security.snyk.io text/html	MISC security.snyk.io/vuln/SNYK-JS-NODEOPCUA-2988724
Use service fault by erossignon · Pull Request #1182 · node-opcua/node-opcua · GitHub	github.com text/html	MISC github.com/node-opcua/node-opcua/pull/1182

There are currently no QIDs associated with this CVE

Exploit/POC from Github

This repository contains a collection of data files on known Common Vulnerabilities and Exposures (CVEs). Each file i…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Node-opcua Project	Node-opcua	All	All	All	All

cpe:2.3:a:node-opcua_project:node-opcua:*:*:*:*:*:node.js:*:*:

Discovery Credit

Vera Mens

Uri Katz

Sharon Brizinov of Team82 (Claroty Research)

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-25231 : The package node-opcua before 2.74.0 are vulnerable to Denial of Service #DoS by sending a speci… twitter.com/i/web/status/1…	2022-08-23 05:16:17
@threatmeter	CVE-2022-25231 The package node-opcua before 2.74.0 are vulnerable to Denial of Service (DoS) by sending a specific… twitter.com/i/web/status/1…	2022-08-24 07:09:18
@ColorTokensInc	Emerging Vulnerability Found CVE-2022-25231 - The package node-opcua before 2.74.0 are vulnerable to Denial of Serv… twitter.com/i/web/status/1…	2022-08-26 13:12:15
/r/netcve	CVE-2022-25231	2022-08-23 05:38:51

← Previous ID

Next ID→