CVE-2022-25897

Published on: Not Yet Published

Last Modified on: 09/13/2022 08:17:00 PM UTC

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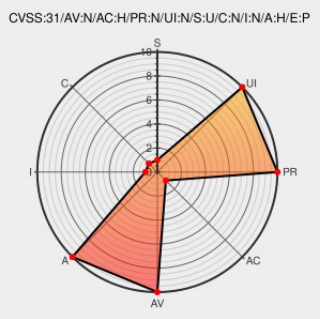

Certain versions of Milo from Eclipse contain the following vulnerability:

The package org.eclipse.milo:sdk-server before 0.6.8 are vulnerable to Denial of Service (DoS) when bypassing the limitations for excessive memory consumption by sending multiple CloseSession requests with the deleteSubscription parameter equal to False.

CVE-2022-25897 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
Allow max MonitoredItems to be configured · Issue #1030 · eclipse/milo · GitHub	github.com text/html	MISC github.com/eclipse/milo/issues/1030
Allow max MonitoredItems to be configured via OpcUaServerConfigLimits by kevinherron · Pull Request #1031 · eclipse/milo · GitHub	github.com text/html	MISC github.com/eclipse/milo/pull/1031
Allow max MonitoredItems per session to be configured via OpcUaServer… · eclipse/milo@4534381 · GitHub	github.com text/html	MISC github.com/eclipse/milo/commit/4534381760d7d9f0bf00cbf6a8449bb0d13c6ce5
Denial of Service (DoS) in org.eclipse.milo:sdk-server | CVE-2022-25897 | Snyk	security.snyk.io text/html	MISC security.snyk.io/vuln/SNYK-JAVA-ORGECLIPSEMILO-2990191

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Eclipse	Milo	All	All	All	All

cpe:2.3:a:eclipse:milo:*:*:*:*:*:*:*:*:

Discovery Credit

Vera Mens

Uri Katz

Sharon Brizinov of Team82 (Claroty Research)

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-25897 : The package org.eclipse.milo:sdk-server before 0.6.8 are vulnerable to Denial of Service #DoS wh… twitter.com/i/web/status/1…	2022-09-08 05:11:00
/r/netcve	CVE-2022-25897	2022-09-08 05:38:25

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