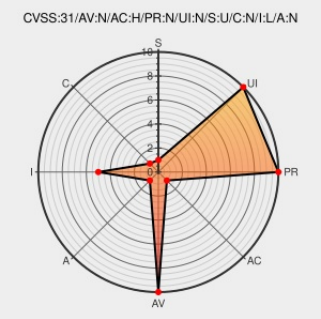
CVE-2023-30857

Published on: Not Yet Published

Last Modified on: 05/08/2023 05:29:00 PM UTC

CVE-2023-30857 - advisory for GHSA-wwxh-74fx-33c6

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



Certain versions of Ion from Aedart contain the following vulnerability:

@aedart/support is the support package for Ion, a monorepo for JavaScript/TypeScript packages. Prior to version `0.6.1`, there is a possible prototype pollution issue for the `MetadataRecord`, when merged with a base class' metadata object, in `meta` decorator from the `@aedart/support` package. The likelihood of exploitation is questionable, given that a class's metadata can only be set or altered when the class is decorated via `meta()`. Furthermore, object(s) of sensitive nature would have to be stored as metadata, before this can lead to a security impact. The issue has been patched in version `0.6.1`.

CVE-2023-30857 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as LOW severity.

Affected Vendor/Software: **aedart** - **ion** version **= < 0.6.1**

CVSS3 Score: 3.7 - LOW

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

CVE References

Description	Tags	Link
Possible prototype pollution in metadata record, when using meta decorator · Advisory · aedart/ion · GitHub	github.com text/html	MISC github.com/aedart/ion/security/advisories/GHSA-wwxh-74fx-33c6
Fix possible prototype pollution · aedart/ion@c3e2ee0 · GitHub	github.com text/html	MISC github.com/aedart/ion/commit/c3e2ee08710d4164d796ecb66ed291335dae9291

would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Aedart	Ion	All	All	All	All

cpe:2.3:a:aedart:ion:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2023-30857 : @aedart/support is the support package for Ion, a monorepo for JavaScript/TypeScript packages. Pri… twitter.com/i/web/status/1…	2023-04-28 21:06:48
@threatmeter	CVE-2023-30857 | aedart support up to 0.6.0 meta MetadataRecord prototype pollution (GHSA-wwxh-74fx-33c6) A vulnera… twitter.com/i/web/status/1…	2023-04-29 07:50:52
@RedPacketSec	Node.js @aedart/support module security bypass | CVE-2023-30857 - redpacketsecurity.com/node-js-aedart… #CVE #Vulnerability #OSINT #ThreatIntel #Cyber	2023-05-02 09:03:11
@RedPacketSec	Node.js @aedart/support module security bypass | CVE-2023-30857 - redpacketsecurity.com/node-js-aedart… #CVE #Vulnerability #OSINT #ThreatIntel #Cyber	2023-05-03 09:03:02
@RedPacketSec	Node.js @aedart/support module security bypass | CVE-2023-30857 - redpacketsecurity.com/node-js-aedart… #CVE #Vulnerability #OSINT #ThreatIntel #Cyber	2023-05-04 09:03:29

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