



# CVE-2021-38443

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2021-38443
<b>State</b>	PUBLIC
<b>Assigner</b>	ics-cert@hq.dhs.gov
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-05-05 17:15:00 UTC
<b>Updated</b>	2022-05-13 03:54:00 UTC
<b>Description</b>	Eclipse CycloneDDS versions prior to 0.8.0 improperly handle invalid structures, which may allow an attacker to write arbitr

## Risk And Classification

**Problem Types:** CWE-228

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Eclipse</a>	<a href="#">Cyclonedds</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Eclipse Cyclone DDS™   projects.eclipse.org	CONFIRM	<a href="https://projects.eclipse.org">projects.eclipse.org</a>	
Multiple Data Distribution Service (DDS) Implementations (Update A)   CISA	CONFIRM	<a href="https://www.cisa.gov">www.cisa.gov</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** Federico Maggi (Trend Micro Research), Ta-Lun Yen, and Chizuru Toyama (TXOne Networks, Trend Micro) reported these vulnerabilities to CISA. In addition, Patrick Kuo, Mars Cheng (TXOne Networks, Trend Micro), Víctor Mayoral-Vilches (Alias Robotics), and Erik Boasson (ADLINK Technology) also contributed to this research.

## Legacy QID Mappings

[183248](#) Debian Security Update for cyclonedds (CVE-2021-38443)

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