



# eprosima Fast DDS affected by Out-of-Memory in readPropertySeq via Manipulated DATA Submessage when DDS Security is enabled

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2025-62599
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-02-03 18:16:15 UTC
<b>Updated</b>	2026-04-09 18:16:41 UTC
<b>Description</b>	eprosima Fast DDS is a C++ implementation of the DDS (Data Distribution Service) standard of the OMG (Object Management Group). It is a lightweight, real-time capable, and secure implementation of the DDS standard. It is designed to be used in embedded systems and is highly configurable. It supports a wide range of data types and can be used to build a variety of applications. It is currently in development and is expected to be released in the near future.

## Risk And Classification

**Primary CVSS:** v3.1 7.5 HIGH from nvd@nist.gov

**CVSS:** 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

**Problem Types:** CWE-190 | CWE-789 | CWE-190 CWE-190: Integer Overflow or Wraparound | CWE-789 CWE-789: Memory Allocation with Excessive Size Value

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	security-advisories@github.com	Secondary	8.6	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:N/A:H
3.1	CNA	DECLARED	8.6	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:N/A:H

## CVSS v3.1 Breakdown

Attack Vector

**Network**

Attack Complexity

**Low**

Privileges Required

**None**

User Interaction

**None**

Scope

**Unchanged**

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

#### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Eprosima	Fast Dds	All	All	All	All

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	EProsima	Fast-DDS	affected < 2.6.11	Not specified
CNA	EProsima	Fast-DDS	affected >= 2.7.0, < 2.14.6	Not specified
CNA	EProsima	Fast-DDS	affected >= 3.0.0, < 3.2.4	Not specified
CNA	EProsima	Fast-DDS	affected >= 3.3.0, < 3.3.1	Not specified
CNA	EProsima	Fast-DDS	affected >= 3.4.0, < 3.4.2	Not specified

#### References

Reference	Source	Link	Tags
github.com/eProsima/Fast-DDS/security/advisories/GHSA-fc3f-wcj5-5cph	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, anal

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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