



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

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2025-62600 |
| State | PUBLISHED |
| Assigner | GitHub_M |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-02-03 19:16:14 UTC |
| Updated | 2026-04-14 16:16:31 UTC |
| Description | 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 | Ta |
|--|--------------------------------------|--------------|----|
| github.com/eProsima/Fast-DDS/security/advisories/GHSA-hvm8-mm7f-m6hc | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | github.com | |
| CVE Program record | CVE.ORG | www.cve.org | ca |
| NVD vulnerability detail | NVD | nvd.nist.gov | ca |

No vendor comments have been submitted for this CVE.

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

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