



Firebird Null Pointer Dereference via CryptCallback causes DOS

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

Summary

CVE	CVE-2026-28224
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-17 19:16:35 UTC
Updated	2026-04-17 20:16:32 UTC
Description	Firebird is an open-source relational database management system. In versions prior to 5.0.4, 4.0.7 and 3.0.14, when the s

Risk And Classification

Primary CVSS: v3.1 8.2 HIGH from security-advisories@github.com

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

Problem Types: CWE-476 | CWE-476 CWE-476: NULL Pointer Dereference

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:H
3.1	CNA	DECLARED	8.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	FirebirdSQL	Firebird	affected >= 3.0.0, < 3.0.14	Not specified
CNA	FirebirdSQL	Firebird	affected >= 4.0.0, < 4.0.7	Not specified
CNA	FirebirdSQL	Firebird	affected >= 5.0.0, < 5.0.4	Not specified

References

Reference	Source	Link	Tags
github.com/FirebirdSQL/firebird/security/advisories/GHSA-xrcw-wpjk-pr95	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	
github.com/FirebirdSQL/firebird/releases/tag/v5.0.4	security-advisories@github.com	github.com	
github.com/FirebirdSQL/firebird/releases/tag/v4.0.7	security-advisories@github.com	github.com	
github.com/FirebirdSQL/firebird/releases/tag/v3.0.14	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canor
NVD vulnerability detail	NVD	nvd.nist.gov	canor

No vendor comments have been submitted for this CVE.

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

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