



## Bug 2427057 (CVE-2026-0810, RUSTSEC-2025-0140) - CVE-2026-0810 gix-date: gix-date: Undefined behavior due to invalid string generation

**Keywords:** Security

**Reported:** 2026-01-04 21:06 UTC by OSIDB Bzimport

**Status:** NEW

**Modified:** 2026-01-26 19:12 UTC ([History](#))

**Alias:** CVE-2026-0810, RUSTSEC-2025-0140

**CC List:** 2 users ([show](#))

**Product:** Security Response

**Fixed In Version:**

**Component:** vulnerability

**Clone Of:**

**Environment:**

**Version:** unspecified

**Last Closed:**

**Embargoed:**

**Hardware:** All

**OS:** Linux

**Priority:** medium

**Severity:** medium

**Target Milestone:** ---

**Assignee:** Product Security DevOps Team

**QA Contact:**

**Docs Contact:**

**URL:**


**Whiteboard:**

**Depends On:** [2430085](#) [2430087](#) [2430084](#) [2430086](#)

**Blocks:**

**TreeView+** [depends on](#) / [blocked](#)

**Attachments** ([Terms of Use](#))

OSIDB Bzimport  2026-01-04 21:06:46 UTC[Description](#)

The function ``gix_date::parse::TimeBuf::as_str`` can create an illegal string containing non-utf8 characters. This violates the safety invariant of ``TimeBuf`` and can lead to undefined behavior when consuming the string.

The bug can be prevented by adding ``str::from_utf8`` to the function ``TimeBuf::write``.

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