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RUSTSEC-2021-0043

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PartialReader passes uninitialized memory to user-provided Read

Reported February 17, 2021

Issued March 26, 2021 (last modified: October 19, 2021)

Package [uu_od](#) ([crates.io](#))

Type Vulnerability

Categories [memory-exposure](#)

Aliases [CVE-2021-29934](#)

Details <https://github.com/uutils/coreutils/issues/1729>

CVSS Score 7.3 HIGH

CVSS Details

Attack vector	Network
Attack complexity	Low
Privileges required	None
User interaction	None
Scope	Unchanged
Confidentiality	Low
Integrity	Low
Availability	Low

CVSS Vector [CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L](#)

Patched [>=0.0.4](#)

Description

Affected versions of this crate passed an uninitialized buffer to a user-provided `Read` instance in `PartialReader::read`.

This can result in safe `Read` implementations reading from the uninitialized buffer leading to undefined behavior.

The flaw was fixed in commit [39d62c6](#) by zero-initializing the passed buffer.