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## RUSTSEC-2020-0073

Mutable reference with immutable provenance

Reported

Issued

Package image (crates.io ) Туре

#pointer #cast #provenance Keywords

Attack vector

Scope

Aliases CVE-2020-35916

https://github.com/image-rs/image/issues/1357 Details

CVSS Score

CVSS Details

Attack complexity Privileges required Low User interaction

Confidentiality Integrity Availability

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

Patched >=0.23.12

Affected Functions image::Bgr::from\_slice\_mut <0.23.12

image::Bgra::from\_slice\_mut <0.23.12

image::Luma::from\_slice\_mut <0.23.12

image::LumaA::from\_slice\_mut <0.23.12

image::Rgb::from\_slice\_mut <0.23.12

image::Rgba::from\_slice\_mut <0.23.12

## Description

A mutable reference to a struct was constructed by dereferencing a pointer obtained from slice::as\_ptr . Instead, slice::as\_mut\_ptr

There is no evidence for miscompilation, exploitable or otherwise, caused by this bug. Further investigation on Zulip suggests that the