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RUSTSEC-2020-0105

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Update unsound DrainFilter and RString::retain

Reported	December 21, 2020																
Issued	January 20, 2021 (last modified: October 19, 2021)																
Package	abi_stable (crates.io)																
Type	Vulnerability																
Categories	memory-corruption																
Aliases	CVE-2020-36212 CVE-2020-36213																
Details	https://github.com/rodrimati1992/abi_stable_crates/issues/44																
CVSS Score	7.5 HIGH																
CVSS Details	<table><tr><td>Attack vector</td><td>Network</td></tr><tr><td>Attack complexity</td><td>Low</td></tr><tr><td>Privileges required</td><td>None</td></tr><tr><td>User interaction</td><td>None</td></tr><tr><td>Scope</td><td>Unchanged</td></tr><tr><td>Confidentiality</td><td>None</td></tr><tr><td>Integrity</td><td>None</td></tr><tr><td>Availability</td><td>High</td></tr></table>	Attack vector	Network	Attack complexity	Low	Privileges required	None	User interaction	None	Scope	Unchanged	Confidentiality	None	Integrity	None	Availability	High
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Availability	High																
CVSS Vector	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H																
Patched	>=0.9.1																

Description

Affected versions of this crate contained code from the Rust standard library that contained soundness bugs [rust-lang/rust#60977](#) (double drop) & [rust-lang/rust#78498](#) (create invalid utf-8 string).

The flaw was corrected in v0.9.1 by making a similar fix to the one made in the Rust standard library.