



# CVE-2018-1000622

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## CVE-2018-1000622

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Rust](#) from [Rust-lang](#) contain the following vulnerability:

The Rust Programming Language rustdoc version Between 0.8 and 1.27.0 contains a CWE-427: Uncontrolled Search Path Element vulnerability in rustdoc plugins that can result in local code execution as a different user. This attack appear to be exploitable via using the --plugin flag without the --plugin-path flag. This vulnerability appears to have been fixed in 1.27.1.

CVE-2018-1000622 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description   | Tags                                                          | Link                                                                                                                                                                                  |
|---------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Google Groups | <a href="#">Patch</a><br><a href="#">Third Party Advisory</a> | <a href="https://groups.google.com/forum/#!topic/rustlang-security-announcements/4ybxYLTtXuM">CONFIRM groups.google.com/forum/#!topic/rustlang-security-announcements/4ybxYLTtXuM</a> |

[groups.google.com](https://groups.google.com/text/html)  
[text/html](#)

[security-announce] openSUSE-SU-2019:2294-1:  
moderate: Security update f

[lists.opensuse.org](https://lists.opensuse.org/text/html)  
[text/html](#)

 [SUSE openSUSE-SU-2019:2294](#)

[security-announce] openSUSE-SU-2019:2244-1:  
moderate: Security update f

[lists.opensuse.org](https://lists.opensuse.org/text/html)  
[text/html](#)

 [SUSE openSUSE-SU-2019:2244](#)

[security-announce] openSUSE-SU-2019:2203-1:  
moderate: Security update f

[lists.opensuse.org](https://lists.opensuse.org/text/html)  
[text/html](#)

 [SUSE openSUSE-SU-2019:2203](#)

Rust: Multiple vulnerabilities (GLSA 201812-11) —  
Gentoo security

[Third Party Advisory](#)  
[security.gentoo.org](https://security.gentoo.org/text/html)  
[text/html](#)

 [GENTOO GLSA-201812-11](#)

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## Related QID Numbers

[710225](#) [Gentoo Linux Rust Multiple Vulnerabilities \(GLSA 201812-11\)](#)

## Known Affected Configurations (CPE V2.3)

| Type                                  | Vendor                    | Product              | Version | Update | Edition | Language |
|---------------------------------------|---------------------------|----------------------|---------|--------|---------|----------|
| Application                           | <a href="#">Rust-lang</a> | <a href="#">Rust</a> | All     | All    | All     | All      |
| cpe:2.3:a:rust-lang:rust:*****:*****: |                           |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

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[Next ID →](#)

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