CVE-2017-18367

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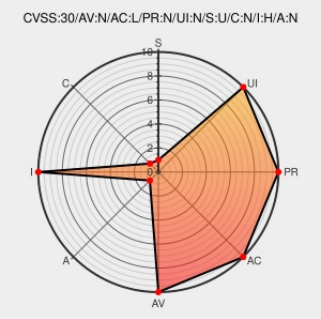
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Libseccomp-golang from Libseccomp-golang Project contain the following vulnerability:

libseccomp-golang 0.9.0 and earlier incorrectly generates BPFs that OR multiple arguments rather than ANDing them. A process running under a restrictive seccomp filter that specified multiple syscall arguments could bypass intended access restrictions by specifying a single matching argument.

CVE-2017-18367 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	HIGH	NONE

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	REDHAT RHSA-2019:4090
BUG: Handling of multiple syscall arguments	Patch	MISC github.com/seccomp/libseccomp-golang/issues/22

BUG: Handling of multiple syscall arguments incorrect (CVE-2017-18367) · Issue #22 · seccomp/libseccomp-golang · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/seccomp/libseccomp-golang/issues/22
USN-4574-1: libseccomp-golang vulnerability | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4574-1
golang: Resolve bug with handling of multiple argument rules · seccomp/libseccomp-golang@06e7a29 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/seccomp/libseccomp-golang/commit/06e7a29f36a34b8cf419aeb87b979ee508e58f9e
oss-security - Re: CVE Request: golang-seccomp incorrectly handles multiple syscall arguments	Mailing List Patch Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20190425 Re: CVE Request: golang-seccomp incorrectly handles multiple syscall arguments
[SECURITY] [DLA 2320-1] golang-github-seccomp-libseccomp-golang security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20200811 [SECURITY] [DLA 2320-1] golang-github-seccomp-libseccomp-golang security update
Red Hat Customer Portal - Access to 24x7 support and knowledge	access.redhat.com text/html	REDHAT RHSA-2019:4087

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Related QID Numbers

770012 Red Hat OpenShift Container Platform 4.1 Security Update (RHSA-2019:4087)

982573 Go (go) Security Update for github.com/seccomp/libseccomp-golang (GHSA-58v3-j75h-xr49)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libseccomp-golang Project	Libseccomp-golang	All	All	All	All

cpe:2.3:a:libseccomp-golang_project:libseccomp-golang:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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