



CVE-2020-8945

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2020-8945
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-02-12 18:15:00 UTC
Updated	2023-11-07 03:26:00 UTC
Description	The proglottis Go wrapper before 0.1.1 for the GPGME library has a use-after-free, as demonstrated by use for container in

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Gnupg	Gpgme	All	All	All	All
Application	Gnupg	Gpgme	All	All	All	All
Application	Gpgme Project	Gpgme	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	7.0	All	All	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Openshift Container Platform	4.1	All	All	All
Application	Redhat	Openshift Container Platform	4.2	All	All	All

Application	Redhat	Openshift Container Platform	4.3	All	All	All
Application	Redhat	Openshift Container Platform	4.4	All	All	All
Application	Redhat	Openshift Container Platform	4.5	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Openshift Container Platform	4.1	All	All	All
Application	Redhat	Openshift Container Platform	4.2	All	All	All
Application	Redhat	Openshift Container Platform	4.3	All	All	All
Application	Redhat	Openshift Container Platform For Ibm Z	4.1	All	All	All
Application	Redhat	Openshift Container Platform For Ibm Z	4.2	All	All	All
Application	Redhat	Openshift Container Platform For Linuxone	4.1	All	All	All
Application	Redhat	Openshift Container Platform For Linuxone	4.2	All	All	All

References

Reference

[Red Hat Customer Portal](#)

[Comparing v0.1.0...v0.1.1 · proglottis/gpgme · GitHub](#)

[\[SECURITY\] Fedora 31 Update: skopeo-0.1.41-1.fc31 - package-announce - Fedora Mailing-Lists](#)

[\[SECURITY\] Fedora 30 Update: podman-1.8.0-4.fc30 - package-announce - Fedora Mailing-Lists](#)

[\[SECURITY\] Fedora 32 Update: origin-3.11.2-1.fc32 - package-announce - Fedora Mailing-Lists](#)

[\[SECURITY\] Fedora 31 Update: skopeo-0.1.41-1.fc31 - package-announce - Fedora Mailing-Lists](#)

[\[SECURITY\] Fedora 30 Update: podman-1.8.0-4.fc30 - package-announce - Fedora Mailing-Lists](#)

[\[SECURITY\] Fedora 32 Update: origin-3.11.2-1.fc32 - package-announce - Fedora Mailing-Lists](#)

[Red Hat Customer Portal](#)

[\[SECURITY\] Fedora 30 Update: skopeo-0.1.41-1.fc30 - package-announce - Fedora Mailing-Lists](#)

[Red Hat Customer Portal](#)

[Ensure finalizers don't deallocate GPGME objects while C code is still using them by mtrmac · Pull Request #23 · proglottis/gpgme · GitHub](#)

[1795838 – \(CVE-2020-8945\) CVE-2020-8945 proglottis/gpgme: Use-after-free in GPGME bindings during container image pull](#)

[Update to github.com/mtrmac/gpgme@v0.1.1 · containers/image@4c7a23f · GitHub](#)

[\[SECURITY\] Fedora 30 Update: skopeo-0.1.41-1.fc30 - package-announce - Fedora Mailing-Lists](#)

[CVE Program record](#)

[NVD vulnerability detail](#)



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

770013 Red Hat OpenShift Container Platform 4.3.5 Security Update (RHSA-2020:0679)
770016 Red Hat OpenShift Container Platform 4.2.22 Security Update (RHSA-2020:0689)
770018 Red Hat OpenShift Container Platform 4.1.38 Security Update (RHSA-2020:0697)
770019 Red Hat OpenShift Container Platform 4.3.8 Security Update (RHSA-2020:0928)
770021 Red Hat OpenShift Container Platform 4.3.12 Security Update (RHSA-2020:1396)
770025 Red Hat OpenShift Container Platform 4.4.3 Security Update (RHSA-2020:1937)
770026 Red Hat OpenShift Container Platform 4.2.33 Security Update (RHSA-2020:2027)
770028 Red Hat OpenShift Container Platform 4.5 Security Update (RHSA-2020:2413)
770034 Red Hat OpenShift Container Platform 4.4.13 Security Update (RHSA-2020:2927)
982578 Go (go) Security Update for github.com/proglottis/gpgme (GHSA-m6wg-2mwg-4rfq)

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