



CVE-2018-18073

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

Summary

CVE	CVE-2018-18073
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-10-15 16:29:00 UTC
Updated	2023-11-07 02:54:00 UTC
Description	Artifex Ghostscript allows attackers to bypass a sandbox protection mechanism by leveraging exposure of system operators

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Artifex	Ghostscript	All	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All

Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
git.ghostscript.com Git - ghostpd.git/commit	CONFIRM	git.ghostscrip
USN-3803-1: Ghostscript vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.c
699927 – .setglobal exposes dangerous operators in saved estack	CONFIRM	bugs.ghostsc
git.ghostscript.com Git - ghostpd.git/commit		git.ghostscrip
Debian -- Security Information -- DSA-4336-1 ghostscript	DEBIAN	www.debian.
Ghostscript Exposed System Operators ≈ Packet Storm	MISC	packetstorm
Red Hat Customer Portal	REDHAT	access.redha
1690 - ghostscript: \$error object can expose system operators in saved execution stack. - project-zero - Monorail	MISC	bugs.chromi
oss-security - ghostscript: saved execution stacks can leak operator arrays (CVE-2018-18073)	MLIST	www.openwa
[SECURITY] [DLA 1552-1] ghostscript security update	MLIST	lists.debian.c
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500208](#) Alpine Linux Security Update for ghostscript

[503950](#) Alpine Linux Security Update for ghostscript

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