



CVE-2017-8291

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Summary

CVE	CVE-2017-8291
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-27 01:59:00 UTC
Updated	2023-11-07 02:50:00 UTC
Description	Artifex Ghostscript through 2017-04-26 allows -dSAFER bypass and remote command execution via .rsdparams type confu

Risk And Classification

EPSS: 0.928620000 probability, percentile 0.997670000 (date 2026-04-02)

CISA KEV: Listed on 2022-05-24; due 2022-06-14; ransomware use Unknown

Problem Types: CWE-704

CISA Known Exploited Vulnerability

Vendor	Artifex
Product	Ghostscript
Name	Artifex Ghostscript Type Confusion Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2017-8291

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Artifex	Ghostscript	All	All	All	All

References

Reference
Bug 1446063 – CVE-2017-8291 ghostscript: corruption of operand stack
oss-security - Re: CVE-2017-8291 ghostscript remote code execution
git.ghostscript.com Git - ghostpdl.git/commit
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Ghostscript CVE-2017-8291 Multiple Remote Code Execution Vulnerabilities
GPL Ghostscript: Multiple vulnerabilities (GLSA 201708-06) — Gentoo security
Ghostscript 9.21 - Type Confusion Arbitrary Command Execution (Metasploit)
Red Hat Customer Portal
Bug 697808 – %pipe% security issue
Bug 1036453 – VUL-0: CVE-2017-8291: ghostscript,ghostscript-library: Artifex Ghostscript through 2017-04-26 allows -dSAFER bypass and r
Debian -- Security Information -- DSA-3838-1 ghostscript
CVE Program record
NVD vulnerability detail
CISA Known Exploited Vulnerabilities catalog

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [378325](#) Virtuozzo Linux Security Update for ghostscript-devel (VZLSA-2017:1230)
- [500203](#) Alpine Linux Security Update for ghostscript
- [503945](#) Alpine Linux Security Update for ghostscript
- [710373](#) Gentoo Linux GPL Ghostscript Multiple Vulnerabilities (GLSA 201708-06)

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