



CVE-2020-27771

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Summary

CVE	CVE-2020-27771
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-12-04 15:15:00 UTC
Updated	2023-03-11 23:15:00 UTC
Description	In RestoreMSCWarning() of /coders/pdf.c there are several areas where calls to GetPixelIndex() could result in values outside the range of representable values of type 'unsigned char' at coders/pdf.c

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Imagemagick	Imagemagick	All	All	All	All
Application	Imagemagick	Imagemagick	All	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All

References

Reference
1898290 – (CVE-2020-27771) CVE-2020-27771 ImageMagick: outside the range of representable values of type 'unsigned char' at coders/pdf.c
[SECURITY] [DLA 2602-1] imagemagick security update
[SECURITY] [DLA 3357-1] imagemagick security update
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

178502 Debian Security Update for imagemagick (DLA 2602-1)
181625 Debian Security Update for imagemagick (DLA 3357-1)
198406 Ubuntu Security Notification for ImageMagick vulnerabilities (USN-4988-1)
671560 EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1536)
671612 EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1570)
671705 EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1731)
750398 OpenSUSE Security Update for ImageMagick (openSUSE-SU-2021:0148-1)
750404 OpenSUSE Security Update for ImageMagick (openSUSE-SU-2021:0136-1)

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