



# CVE-2020-27760

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

## Summary

<b>CVE</b>	CVE-2020-27760
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-12-03 17:15:00 UTC
<b>Updated</b>	2023-03-11 23:15:00 UTC
<b>Description</b>	In `GammalImage()` of /MagickCore/enhance.c, depending on the `gamma` value, it's possible to trigger a divide-by-zero cc

## Risk And Classification

**Problem Types:** CWE-369

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	Debian Linux	9.0	All	All	All
Operating System	<a href="#">Debian</a>	Debian Linux	9.0	All	All	All
Application	<a href="#">Imagemagick</a>	Imagemagick	All	All	All	All
Application	<a href="#">Imagemagick</a>	Imagemagick	All	All	All	All

## References

Reference	Source	Link
[SECURITY] [DLA 2523-1] imagemagick security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
1894239 – (CVE-2020-27760) CVE-2020-27760 ImageMagick: division by zero at MagickCore/enhance.c	MISC	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>
[SECURITY] [DLA 3357-1] imagemagick security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[181625](#) Debian Security Update for imagemagick (DLA 3357-1)

<a href="#">198406</a> Ubuntu Security Notification for ImageMagick vulnerabilities (USN-4988-1)
<a href="#">671560</a> EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1536)
<a href="#">671612</a> EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1570)
<a href="#">671705</a> EulerOS Security Update for ImageMagick (EulerOS-SA-2022-1731)
<a href="#">750398</a> OpenSUSE Security Update for ImageMagick (openSUSE-SU-2021:0148-1)
<a href="#">750404</a> OpenSUSE Security Update for ImageMagick (openSUSE-SU-2021:0136-1)

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