



# CVE-2018-12458

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## Summary

<b>CVE</b>	CVE-2018-12458
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-06-15 15:29:00 UTC
<b>Updated</b>	2021-02-05 21:57:00 UTC
<b>Description</b>	An improper integer type in the mpeg4_encode_gop_header function in libavcodec/mpeg4videoenc.c in FFmpeg 2.8 and 4.

## Risk And Classification

**Problem Types:** CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	2.8	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.0	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	2.8	All	All	All
Application	<a href="#">Ffmpeg</a>	<a href="#">Ffmpeg</a>	4.0	All	All	All

## References

Reference	Source	Link
avcodec/mpeg4videoenc: Use 64 bit for times in mpeg4_encode_gop_header() · FFmpeg/FFmpeg@e1182fa · GitHub	CONFIRM	<a href="#">github.c</a>
Debian -- Security Information -- DSA-4249-1 ffmpeg	DEBIAN	<a href="#">www.de</a>
avcodec/mpeg4videoenc: Use 64 bit for times in mpeg4_encode_gop_header() · FFmpeg/FFmpeg@6bbef93 · GitHub	CONFIRM	<a href="#">github.c</a>
CVE Program record	CVE.ORG	<a href="#">www.cv</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

500898 Alpine Linux Security Update for ffmpeg

502268 Alpine Linux Security Update for ffmpeg4

504741 Alpine Linux Security Update for ffmpeg

504759 Alpine Linux Security Update for ffmpeg4

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