



# CVE-2019-9536

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## Summary

<b>CVE</b>	CVE-2019-9536
<b>State</b>	PUBLIC
<b>Assigner</b>	cert@cert.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-11-22 18:15:00 UTC
<b>Updated</b>	2021-07-21 11:39:00 UTC
<b>Description</b>	Apple iPhone 3GS bootrom malloc implementation returns a non-NULL pointer when unable to allocate memory, aka 'alloc8'

## Risk And Classification

**Problem Types:** CWE-755

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Apple</a>	<a href="#">Iphone 3gs</a>	-	All	All	All
Hardware	<a href="#">Apple</a>	<a href="#">Iphone 3gs</a>	-	All	All	All

## References

Reference	Source	Link	Tags
<a href="#">ipwndfu/alloc8.py at master · axi0mX/ipwndfu · GitHub</a>	MISC	<a href="#">github.com</a>	Third Party Advisory
<a href="#">GitHub - axi0mX/alloc8: Write-up for alloc8 untethered bootrom exploit for iPhone 3GS</a>	MISC	<a href="#">github.com</a>	Exploit, Third Party Advisory
<a href="#">CVE Program record</a>	CVE.ORG	<a href="#">www.cve.org</a>	canonical
<a href="#">NVD vulnerability detail</a>	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

## Vendor Comments And Credit

Discovery Credit

**LEGACY:** axi0mX

There are currently no legacy QID mappings associated with this CVE.

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