CVE-2019-11936

Published on: 12/04/2019 12:00:00 AM UTC

Last Modified on: 09/14/2021 12:03:00 PM UTC

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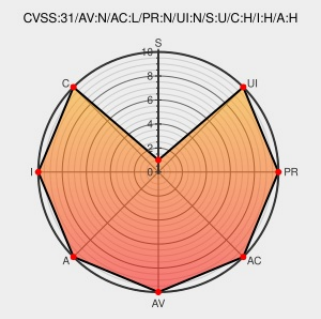
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Hhvm from Facebook contain the following vulnerability:

Various APC functions accept keys containing null bytes as input, leading to premature truncation of input. This issue affects HHVM versions prior to 3.30.12, all versions between 4.0.0 and 4.8.5, all versions between 4.9.0 and 4.23.1, as well as 4.24.0, 4.25.0, 4.26.0, 4.27.0, 4.28.0, and 4.28.1.

CVE-2019-11936 has been assigned by cve-assign@fb.com to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.8 - CRITICAL

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Security Update | HHVM	Vendor Advisory hhvm.com text/html	CONFIRM hhvm.com/blog/2019/10/28/security-update.html

Prevent APC keys with nulls · facebook/hhvm@f57df6d · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/facebook/hhvm/commit/f57df6d8cf33cb14c40f52287da29360e7003373
Facebook	Vendor Advisory www.facebook.com text/html	CONFIRM www.facebook.com/security/advisories/cve-2019-11936

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Facebook	Hhvm	All	All	All	All
Application	Facebook	Hhvm	4.24.0	All	All	All
Application	Facebook	Hhvm	4.25.0	All	All	All
Application	Facebook	Hhvm	4.26.0	All	All	All
Application	Facebook	Hhvm	4.27.0	All	All	All
Application	Facebook	Hhvm	4.28.0	All	All	All
Application	Facebook	Hhvm	4.28.1	All	All	All
Application	Facebook	Hhvm	All	All	All	All
Application	Facebook	Hhvm	4.24.0	All	All	All
Application	Facebook	Hhvm	4.25.0	All	All	All
Application	Facebook	Hhvm	4.26.0	All	All	All
Application	Facebook	Hhvm	4.27.0	All	All	All
Application	Facebook	Hhvm	4.28.0	All	All	All
Application	Facebook	Hhvm	4.28.1	All	All	All
Application	Facebook	Hhvm	All	All	All	All
Application	Facebook	Hhvm	All	All	All	All

cpe:2.3:a:facebook:hhvm:*:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.24.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.25.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.26.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.27.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.28.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.28.1:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:*:*:*:*:*:*:*:*:

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cpe:2.3:a:facebook:hhvm:4.25.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.26.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.27.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.28.0:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:4.28.1:*:*:*:*:*:*:*:

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No vendor comments have been submitted for this CVE

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