CVE-2019-11930

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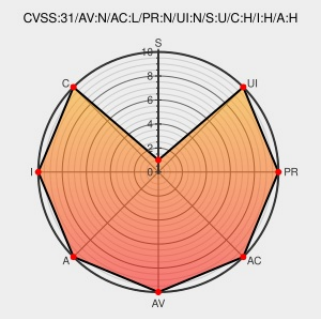
CVE-2019-11930

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



Certain versions of Hhvm from Facebook contain the following vulnerability:

An invalid free in mb_detect_order can cause the application to crash or potentially result in remote code execution. 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-2019-11930 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

Facebook	Third Party Advisory www.facebook.com text/html	CONFIRM www.facebook.com/security/advisories/cve-2019-11930
ext_mbstring: Fix invalid free() in php_mb_parse_encoding · facebook/hhvm@524d2e6 · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/facebook/hhvm/commit/524d2e60cfe910406ec6109e4286d7edd545ab36

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:*:*:*:*:*:*:*:

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No vendor comments have been submitted for this CVE

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