

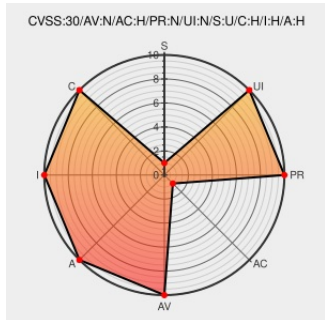


CVE-2018-6340

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CVE-2018-6340

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Hhvm](#) from [Facebook](#) contain the following vulnerability:

The Memcache::getextendedstats function can be used to trigger an out-of-bounds read. Exploiting this issue requires control over memcached server hostnames and/or ports. This affects all supported versions of HHVM (3.30 and 3.27.4 and below).

CVE-2018-6340 has been assigned by [cve-assign@fb.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Facebook](#) - HHVM version **!=> 3.30.1**

Affected Vendor/Software: [Facebook](#) - HHVM version **>= 3.30.0**

Affected Vendor/Software: [Facebook](#) - HHVM version **!=> 3.27.5**

Affected Vendor/Software: [Facebook](#) - HHVM version **< 3.27.5**

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
CVE-2018-6340 Fix buffer overread · facebook/hhvm@4bff3bf · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/facebook/hhvm/commit/4bff3bfbe90d10451e4638c2118d1ad1117bb3e3
HHVM 3.30.1 and 3.27.5 HHVM	Third Party Advisory hhvm.com text/html	MISC hhvm.com/blog/2018/12/18/hhvm-3.30.1.html

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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	3.30	All	All	All
Application	Facebook	Hhvm	3.30	All	All	All
Application	Facebook	Hhvm	All	All	All	All

cpe:2.3:a:facebook:hhvm:3.30:*:*:*:*:*:

cpe:2.3:a:facebook:hhvm:3.30:*:*:*:*:*:

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

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →