CVE-2016-1000005

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CVE-2016-1000005

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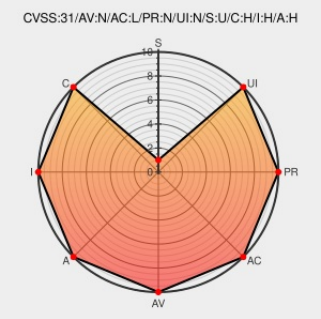

Certain versions of Hhvm from Facebook contain the following vulnerability:

mcrypt_get_block_size did not enforce that the provided "module" parameter was a string, leading to type confusion if other types of data were passed in. This issue affects HHVM versions prior to 3.9.5, all versions between 3.10.0 and 3.12.3 (inclusive), and all versions between 3.13.0 and 3.14.1 (inclusive).

CVE-2016-1000005 has been assigned by cve@mitre.org 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
Facebook	Third Party Advisory www.facebook.com text/html	CONFIRM www.facebook.com/security/advisories/cve-2016-1000005

Fix param types for mcrypt_get_block_size() to match PHP · facebook/hhvm@39e7e17 · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/facebook/hhvm/commit/39e7e177473350b3a5c34e8824af3b98e25efa89

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	All	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:*:*:*:*:*:*:*:*:

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

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

No vendor comments have been submitted for this CVE

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