CVE-2018-3759

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CVE-2018-3759

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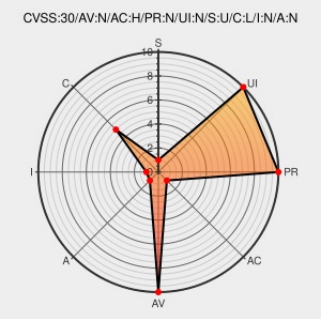

Certain versions of Private Address Check from Private Address Check Project contain the following vulnerability:

private_address_check ruby gem before 0.5.0 is vulnerable to a time-of-check time-of-use (TOCTOU) race condition due to the address the socket uses not being checked. DNS entries with a TTL of 0 can trigger this case where the initial resolution is a public address but the subsequent resolution is a private address.

CVE-2018-3759 has been assigned by support@hackerone.com to track the vulnerability - currently rated as LOW severity.

Affected Vendor/Software: **HackerOne** - **private_address_check ruby gem** version **0.5.0**

CVSS3 Score: 3.7 - LOW

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

CVSS2 Score: 4.3 - MEDIUM

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

CVE References

Description	Tags	Link
Fix TOCTOU bug ·	Patch	MISC

jtdowney/private_address_check@4068228 · GitHub	Third Party Advisory github.com text/html	github.com/jtdowney/private_address_check/commit/4068228187db87fea

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Private Address Check Project	Private Address Check	All	All	All	All
Application	Private Address Check Project	Private Address Check	All	All	All	All

cpe:2.3:a:private_address_check_project:private_address_check:*:*:*:*:*:ruby:*:*:

cpe:2.3:a:private_address_check_project:private_address_check:*:*:*:*:*:ruby:*:*:

No vendor comments have been submitted for this CVE

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