



CVE-2018-9275

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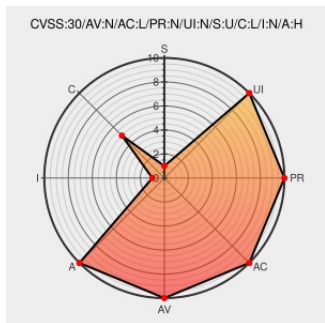
CVE-2018-9275

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Yubico Pam](#) from [Yubico](#) contain the following vulnerability:

In `check_user_token` in `util.c` in the Yubico PAM module (aka `pam_yubico`) 2.18 through 2.25, successful logins can leak file descriptors to the auth mapping file, which can lead to information disclosure (serial number of a device) and/or DoS (reaching the maximum number of file descriptors).

CVE-2018-9275 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.2 - HIGH**

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

CVSS2 Score: **6.4 - MEDIUM**

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

CVE References

Description	Tags	Link
Bug 1088027 – VUL-0: CVE-2018-9275: pam_yubico: Authfile Leaking File Descriptor	Issue Tracking Third Party Advisory bugzilla.opensuse.org	CONFIRM bugzilla.opensuse.org/show_bug.cgi?id=1088027

text/html

util: make sure to close the authfile before returning success · Yubico/yubico-pam@0f6ceab · GitHub

Patch

github.com

text/html

CONFIRM

github.com/Yubico/yubico-pam/commit/0f6ceabab0a8849b47f67d727aa526c2656089ba

Authfile Leaking File Descriptor · Issue #136 · Yubico/yubico-pam · GitHub

Issue Tracking

Third Party Advisory

github.com

text/html

CONFIRM

github.com/Yubico/yubico-pam/issues/136

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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	Yubico	Yubico Pam	All	All	All	All

cpe:2.3:a:yubico:yubico_pam:*:*:*:*:yubico:*:*:

No vendor comments have been submitted for this CVE

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