



CVE-2020-28086

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[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Password-store](#) from [Zx2c4](#) contain the following vulnerability:

pass through 1.7.3 has a possibility of using a password for an unintended resource. For exploitation to occur, the user must do a git pull, decrypt a password, and log into a remote service with the password. If an attacker controls the central Git server or one of the other members' machines, and also controls one of the services

already in the password store, they can rename one of the password files in the Git repository to something else: pass doesn't correctly verify that the content of a file matches the filename, so a user might be tricked into decrypting the wrong password and sending that to a service that the attacker controls. NOTE: for environments in which this threat model is of concern, signing commits can be a solution.

CVE-2020-28086 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
[pass] GPG Compression and Authenticity	Vendor Advisory lists.zx2c4.com text/html	✉ MISC lists.zx2c4.com/pipermail/password-store/2014-March/000498.html

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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	Zx2c4	Password-store	All	All	All	All
cpe:2.3:a:zx2c4:password-store:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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