

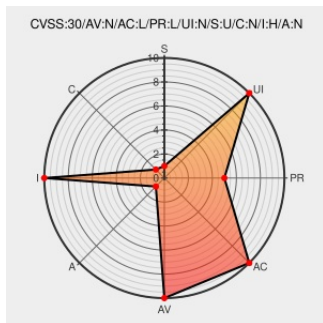


# CVE-2018-6558

Published on: 08/23/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:46 PM UTC

## CVE-2018-6558

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

Certain versions of [Fscrypt](#) from [Google](#) contain the following vulnerability:

The pam\_fscrypt module in fscrypt before 0.2.4 may incorrectly restore primary and supplementary group IDs to the values associated with the root user, which allows attackers to gain privileges via a successful login through certain applications that use Linux-PAM (aka pam).

CVE-2018-6558 has been assigned by security@ubuntu.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **The fscrypt Project** - **fscrypt** version **before 0.2.4**

CVSS3 Score: **6.5 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>HIGH</b>         | <b>NONE</b>         |

CVSS2 Score: **4.9 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                           | Tags                                                                                            | Link                                                                        |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Bug #1787548 "PAM fscrypt adds root(0) group to all users called..." : Bugs : fscrypt | <a href="#">Issue Tracking</a><br><a href="#">Patch</a><br><a href="#">Third Party Advisory</a> | <a href="https://launchpad.net/bugs/1787548">launchpad.net/bugs/1787548</a> |

Third Party Advisory  
launchpad.net  
text/html

Patch  
Third Party Advisory  
github.com  
text/html

 MISC  
github.com/google/fscrypt/commit/3022c1603d968c22f147b4a2c49c4637dd1be91b

Patch  
Third Party Advisory  
github.com  
text/html

MISC  
github.com/google/fscrypt/commit/315f9b042237200174a1fb99427f74027e191d66

Issue Tracking  
Third Party Advisory  
github.com  
text/html

 [MISC github.com/google/fscrypt/issues/77](https://github.com/google/fscrypt/issues/77)

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## Related QID Numbers

982075 Go (go) Security Update for github.com/google/fscrypt/security (GHSA-qj26-7grj-whg3)

## Known Affected Configurations (CPE V2.3)

| Type        | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------|---------|---------|--------|---------|----------|
| Application | Google | Fscrypt | All     | All    | All     | All      |
| Application | Google | Fscrypt | All     | All    | All     | All      |

```
cpe:2.3:a:google:fscript:*:*:*:*:*:*:
```

```
cpe:2.3:a:google:fscript:*:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

[← Previous ID](#)

Next ID→

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