



CVE-2021-32816

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CVE-2021-32816 - advisory for GHSL-2021-027

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

CVSS:31/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H



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

ProtonMail Web Client is the official AngularJS web client for the ProtonMail secure email service. ProtonMail Web Client before version 3.16.60 has a regular expression denial-of-service vulnerability. This was fixed in commit 6687fb. There is a full report available in the referenced GHSL-2021-027.

CVE-2021-32816 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: ProtonMail - WebClient version < 3.16.60

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	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
GHSL-2021-027: Regular	securitylab.github.com	CONFIRM securitylab.github.com/advisories/GHSL-2021-027-redos-ProtonMail

expression Denial of Service in
ProtonMail - CVE-2021-32816 |
GitHub Security Lab

text/html

github.com

text/html

MISC

github.com/ProtonMail/WebClient/commit/6687fbb867ef872c96cf4fde68cb6e9c58d

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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	Protonmail	Protonmail	All	All	All	All

cpe:2.3:a:protonmail:protonmail:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@GHSecurityLab	GHSL-2021-027: Regular expression Denial of Service in ProtonMail - CVE-2021-32816 github.co/3oiMVCw	2021-05-14 16:00:37
@CVEreport	CVE-2021-32816 : ProtonMail Web Client is the official AngularJS web client for the ProtonMail secure email service... twitter.com/i/web/status/1...	2021-05-14 17:39:45
/r/netcve	CVE-2021-32816	2021-05-14 18:41:28

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