CVE-2023-28998

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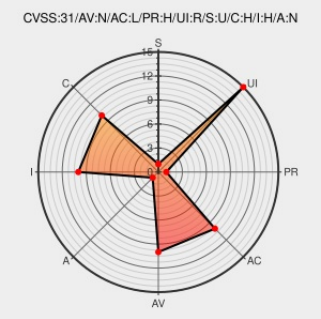
CVE-2023-28998 - advisory for GHSA-jh3g-wpwv-cqgr

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Desktop from Nextcloud contain the following vulnerability:

The Nextcloud Desktop Client is a tool to synchronize files from Nextcloud Server. Starting with version 3.0.0 and prior to version 3.6.5, a malicious server administrator can gain full access to an end-to-end encrypted folder. They can decrypt files, recover the folder structure, and add new files. Users should upgrade the Nextcloud Desktop client to 3.6.5 to receive a patch. No known workarounds are available.

CVE-2023-28998 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **nextcloud** - **security-advisories** version **= >= 3.0.0, < 3.6.5**

CVSS3 Score: 6.1 - MEDIUM

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

CVE References

Description	Tags	Link
Desktop clients misbehaves with end-to-end encryption when the server returns an empty list of metadata keys · Advisory · nextcloud/security-advisories · GitHub	github.com text/html	MISC github.com/nextcloud/security-advisories/security/advisories/GHSA-jh3g-wpwv-cqgr
Bugfix/e2ee vulnerability empty metadatakeys by allexzander · Pull Request #5323 · nextcloud/desktop · GitHub	github.com text/html	MISC github.com/nextcloud/desktop/pull/5323
	ethz.ch application/pdf	MISC ethz.ch/content/dam/ethz/special-interest/infk/inst-infsec/appliedcrypto/education/theses/report_DanieleCoppola.pdf

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Related QID Numbers

183259 Debian Security Update for nextcloud-desktop (CVE-2023-28998)

503201 Alpine Linux Security Update for nextcloud-client

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nextcloud	Desktop	All	All	All	All

cpe:2.3:a:nextcloud:desktop:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2023-28998 : The Nextcloud Desktop Client is a tool to synchronize files from Nextcloud Server. Starting with v… twitter.com/i/web/status/1…	2023-04-04 13:07:29
/r/netcve	CVE-2023-28998	2023-04-04 14:38:53

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CVE.report and Source URL Uptime Status status.cve.report