

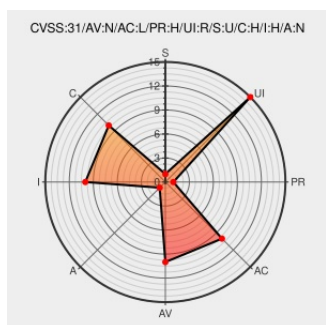


CVE-2023-28998

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CVE-2023-28998 - advisory for GHSA-jh3g-wpww-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-wpww-cqgr
Bugfix/e2ee vulnerability empty metadatakeys by allezxander · 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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