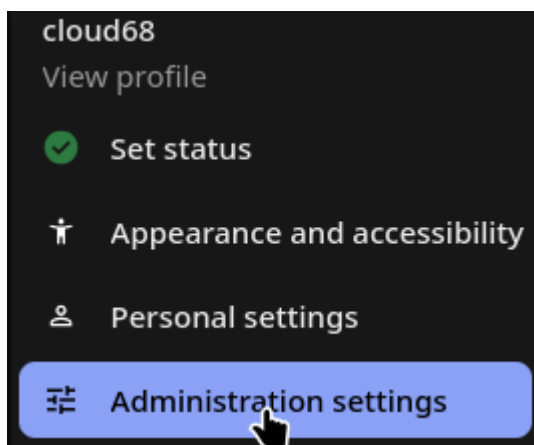


Installing and configuring LibreSign

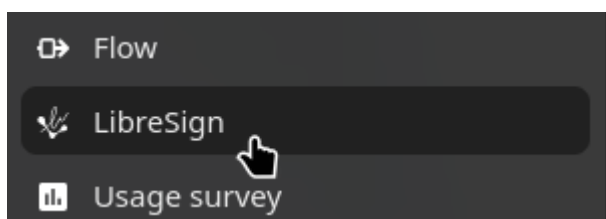
To install LibreSign on Nextcloud go to Apps and install LibreSign by clicking Download and enable.



After installing the app go under Administration Settings



Go to the LibreSign option on the right panel



Under configuration check there is a list of OCC commands which needs to be run on the server. Go to the Nextcloud directory and run the commands.

Configuration check

Status of setup

Status	Message	Resource	Tip
error	Java not installed	java	Run <code>occ libsign:install --java</code>
error	PDFtk not found	pdftk	Run <code>occ libsign:install --pdftk</code>
error	JSigndf not found	jsigndf	Run <code>occ libsign:install --jsigndf</code>
info	Poppler utils not installed	pdfsig	Install the package poppler-utils at your operational system to be possible get more details about validation of signatures.
info	Poppler utils not installed	pdfinfo	Install the package poppler-utils at your operational system have a fallback to fetch page dimensions.
error	OpenSSL (root certificate) not configured.	openssl-configure	Run <code>occ libsign:configure:openssl --help</code>

After running all OCC commands it will look like this

Configuration check

Status of setup

Status	Message	Resource	Tip
info	Non-UTF-8 encoding detected: ANSI_X3.4-1968. This may cause issues with accented or special characters	java	Java detected encoding "ANSI_X3.4-1968" but UTF-8 is required. Current PHP environment: - LC_CTYPE: C.UTF-8 - LC_ALL: not set - LANG: not set To fix this issue: - Set LC_ALL and LANG environment variables (e.g., LC_ALL=en_US.UTF-8) for your web server user - Restart your web server after making changes - Verify with command: <code>locale charmap</code> (should return UTF-8) For more details, see: Issue #4872
success	PDFtk version: 3.3.3	pdftk	
success	PDFtk path: /var/www/nextcloud/data/appdata_ocgifr02fac8/libresign/x86_64/pdftk/pdftk.jar	pdftk	
success	JSigndf version: 2.3.0	jsigndf	
success	JSigndf path: /var/www/nextcloud/data/appdata_ocgifr02fac8/libresign/x86_64/jsigndf/jsigndf-2.3.0/JSigndf.jar	jsigndf	
success	pdfsig version: 22.02.0	pdfsig	
success	pdfinfo version: 22.02.0	pdfinfo	

Next step is to configure a root certificate using either company name or if it is a single user instance the users name.

error

OpenSSL (root certificate) not configured.

openssl-configure

Run occ libresign:configure:openssl --help

Root certificate data

To generate new signatures, you must first generate the root certificate.

Common Name (CN) *

Full name of the main company or main user of this instance

Optional attributes

Select a custom name

Include certificate policy

Define custom values to use OpenSSL

Generate root certificate

Under identification choose Click to Sign

Identification factors

Ways to identify a person who will sign a document.

Account

Signature methods

Click to sign

Email token

Certificate with password

That's it!

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