

Nextcloud

FOSSCOMM 2018

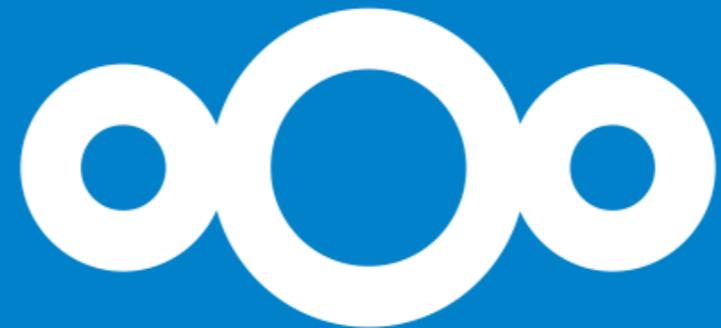
Efstathios Iosifidis
@eiosifidis
iosifidis@nextcloud.gr
<http://nextcloud.gr>



Nextcloud conference 2017



Nextcloud conference 2018



What happened since last year?

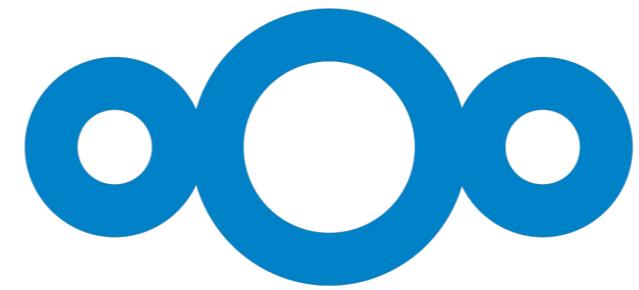
Since last conference

- >2500 pull requests in the server repo
- 20 server releases
- 25 iOS releases
- 9 Android releases
- 1800 contributors total**

New big Nextcloud users:

- German government
- DESY
- Max Planck
- Siemens
- ...

The next main release!
Successor to Nextcloud 13



Nextcloud

14

Improved sidebar
Share overview
Avatars for mentioned people
Better reactive UI for smaller screens
Better share link UI
New first run wizard
better keyboard accessibility
Focus indicator for navigation sidebar
Focus indicator for file sidebar
WCAG 2.0 AA compatible colors
High contrast theme
Dark theme
Dyslexia-friendly font
Screen reader improvements
Improved CSS theming
Improved labels and translations
Accessibility guidelines
Samba integration
Support app
Multiple SAML IDPs
U2F via NFC
Yubikey NEO support
New 2FA gateway provider
2FA SMS gateways
Telegram 2FA
Signal 2FA
Video Verification
Open Cloud Mesh support
Calendar, Contacts, Talk federation foundation
Federated group sharing
Sharing notes
Deleted shares overview
Search for content in comments
File versions API
Trash API
Settings restructuring
New Cron Check for Security and Setup Check

Apps sidebar
Apps screenshots
App cross category search
App management performance improvements
Smart App updates
LDAP configure avatar handling
Systemd logging
What new setting in updater
Added human readable description to migration steps
Check app compatibility before upgrade
Improved ZIP format compatibility
Openshift SWIFT v3 support
MS Azure Connector
Better browser caching in Gallery
Improved sharing in gallery
Terms and Conditions support for GDPR
Separate Audit Log
Mail app support account export
Impressum/legal notice on login page for GDPR
Request account deletion for GDPR
Request stored data for GDPR
Possibility to join Talk without Camera/Microphone
Backend integration: MCU, SIP-Bridge, ext. Signaling
Allow to join multiple chats in different browser tabs at the same time
Conversation list is now sorted by last activity
Conversations can be pinned to the top of the conversation list
Chat works without requesting Camera/Microphone
Participants can be @mentioned in the chat now
Number of unread chat messages
Special highlight when you got mentioned in conversation list
System chat messages
Inline activity stream for the respective conversation
Chat, emojis and ringtones in the mobile apps
Deck app officially supported
Calendar can do resource booking
Circles App polishing

5 main areas

1.

Design & Accessibility

Accessibility settings

The screenshot shows the Microsoft Account Settings interface. At the top, there's a blue header bar with icons for profile, file, settings, and search. Below it is a sidebar with links: Personal, Personal info, Security, Activity, Mobile & desktop, Accessibility (which is selected and highlighted in blue), and Sharing.

The main content area has a title "Themes" and two cards:

- High contrast theme**: Shows a screenshot of the account settings in a high-contrast theme. The background is white, and text and icons are in dark colors. It includes fields for "Phone number" and "Password".

A high contrast theme to ease your navigation. Visual quality will be reduced but clarity will be increased.
- Dark theme (beta)**: Shows a screenshot of the account settings in a dark theme. The background is dark, and text and icons are in light colors. It includes fields for "Phone number" and "Password".

A dark theme to ease your eyes by reducing the overall luminosity and brightness. It is still under development, so please report any issues you may find.

At the bottom, there's a section titled "Fonts" with a preview of the text "The quick brown fox jumped over the lazy dog" in a large, bold font.

Simple navigation

The screenshot shows the Nextcloud web interface with a blue header bar containing icons for file operations. Below the header is a sidebar with links: All files, Recent, Favorites, Documents, Photos, Shares, and Tags. The main area displays a list of files and folders:

Icon	Name
Folder	Documents
Folder	Photos
Video	Nextcloud.mp4
Image	Nextcloud.png
Image	Nextcloud Community.jpeg
PDF	Nextcloud Manual.pdf

At the bottom of the list, it says "2 folders and 4 files".

@mention avatars

Activities **Comments** Sharing Versions



Jan-C. Borchardt



Frank Karlitschek maybe something
for the Stuttgart office? 



Barthélémy Briand

3 minutes ago



Jan-C. Borchardt those are really nice!!!



Jan-C. Borchardt ...

5 minutes ago



Also Morris Jobke – we can print these



Jan-C. Borchardt ...

6 minutes ago



Barthélémy Briand check out these nice
accessibility posters!

Settings restructuring

Screenshot of the Nextcloud user settings interface, showing a restructuring of personal information fields.

The top navigation bar includes icons for file operations (New folder, Copy, Paste, Find, Share, Help) and a user profile icon.

The left sidebar lists categories:

- Personal**
 - Personal info
 - Security
 - Activity
 - Mobile & desktop
 - Accessibility
 - Sharing
- Administration**
 - Overview
 - Basic settings
 - Sharing
 - Security
 - Theming
 - Groupware
 - Activity
 - Talk
 - Logging

The main content area displays personal information fields:

- Profile picture**: Shows a circular profile picture of a person with their hand to their forehead. Options to upload (blue arrow), download (blue folder), or delete (trash bin) are available.
- Full name**: Text input field containing "Jan-Christoph Borchardt".
- Email**: Text input field containing "jan@nextcloud.com". A note below says "For password reset and notifications".
- Language**: A dropdown menu set to "English (US)" with a "Help translate" link.
- Phone number**: Text input field containing "+49 151 12345678". A dropdown menu shows visibility options:
 - Private**: Only visible to you.
 - Contacts**: Visible to local users and to trusted servers.
 - Public**: Will be synced to a global and public address book.
- Address**: Text input field for "Your postal address".
- Locale**: A dropdown menu set to "English (United States)".
- Twitter**: Text input field containing "@jancborchardt".

At the bottom, it says "Developed by the Nextcloud community, the source code is licensed under the AGPL." and features social sharing icons for Google+, Facebook, Twitter, RSS, and Email.

User management

OOO

New user

	Username	Display name	Password	Email	Groups	Group admin for	Quota	...
Everyone	christinescott	Christine Scott	New password	christine.scott@example.com	marketing	Set user as admin for	5 GB	...
Admins	johndoe	John Doe	New password	john.doe@example.com	admin	Set user as admin for	1 GB	...
Disabled users	leongreen	Leon Green	New password	leon.green@example.com	accounting admin	Set user as admin for	10 GB	...
Groups	louisjohnson	Louis Johnson	New password	louis.johnson@example.com	accounting	Set user as admin for	5 GB	...
accounting	maxmustermann	Max Mustermann	New password	max.mustermann@example.com	admin	Set user as admin for	Unlimited	...
marketing								

Groups

accounting

marketing

Settings

Search

Notifications

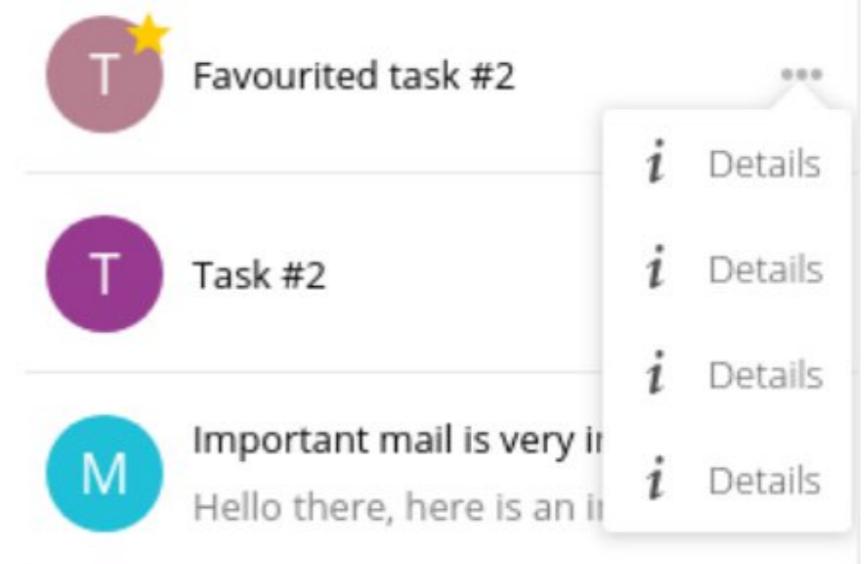
User icon

Standardization

Popovermenu in item

If you need a menu inside an item, you need to wrap it with the `icon-more` `div` inside a `app-content-list-menu` div.

```
<div class="app-content-list-item-menu">
  <div class="icon-more"></div>
  <div class="popovermenu">
    <ul>
      <li>
        <a href="#" class="icon-details">
          <span>Details</span>
        </a>
      </li>
      <li>
        <button class="icon-details">
          <span>Details</span>
        </button>
      </li>
      <li>
        <button>
          <span class="icon-details"></span>
          <span>Details</span>
        </button>
      </li>
      <li>
        <a>
          <span class="icon-details"></span>
```



2.

Sharing / Collaboration

Collaboration

File Sync and
Share

Fileserver



		2.5 MB	8 days ago
		2.3 MB	8 days ago
		98 KB	3 days ago
		452 KB	8 days ago
		36 KB	8 days ago
		585 KB	8 days ago
		2.4 MB	6 days ago
		4.3 MB	8 days ago
12.6 MB			

Photos

★ 2.3 MB, 8 days ago

Activities Comments Sharing

Name, federated cloud ID or email address...

Mathias Conradt (email)

Share link

File drop (upload only)

Password protect

Password protect by Talk

Set expiration date

Note to recipient

Note to recipient

Unshare



All files

Recent

Favorites

Shares

Shared with others

Shared with you

Shared by link

Deleted shares

Tags

Name ▾



Photos



Annual Financial Report Mathias.pdf

1 folder and 1 file



		Size	Modified
		2.5 MB	8 days ago
	...	2.3 MB	8 days ago
	...	98 KB	3 days ago
	...	452 KB	8 days ago
	...	36 KB	8 days ago
	...	585 KB	8 days ago
	...	2.4 MB	6 days ago
	...	4.3 MB	8 days ago
		12.6 MB	



Photos

★ 2.3 MB, 8 days ago Tags

Activities

Comments

Sharing

Eng

Share link

Enable

Copy URL

Read only

Allow upload and editing

File drop (upload only)

Password protect

Set expiration date

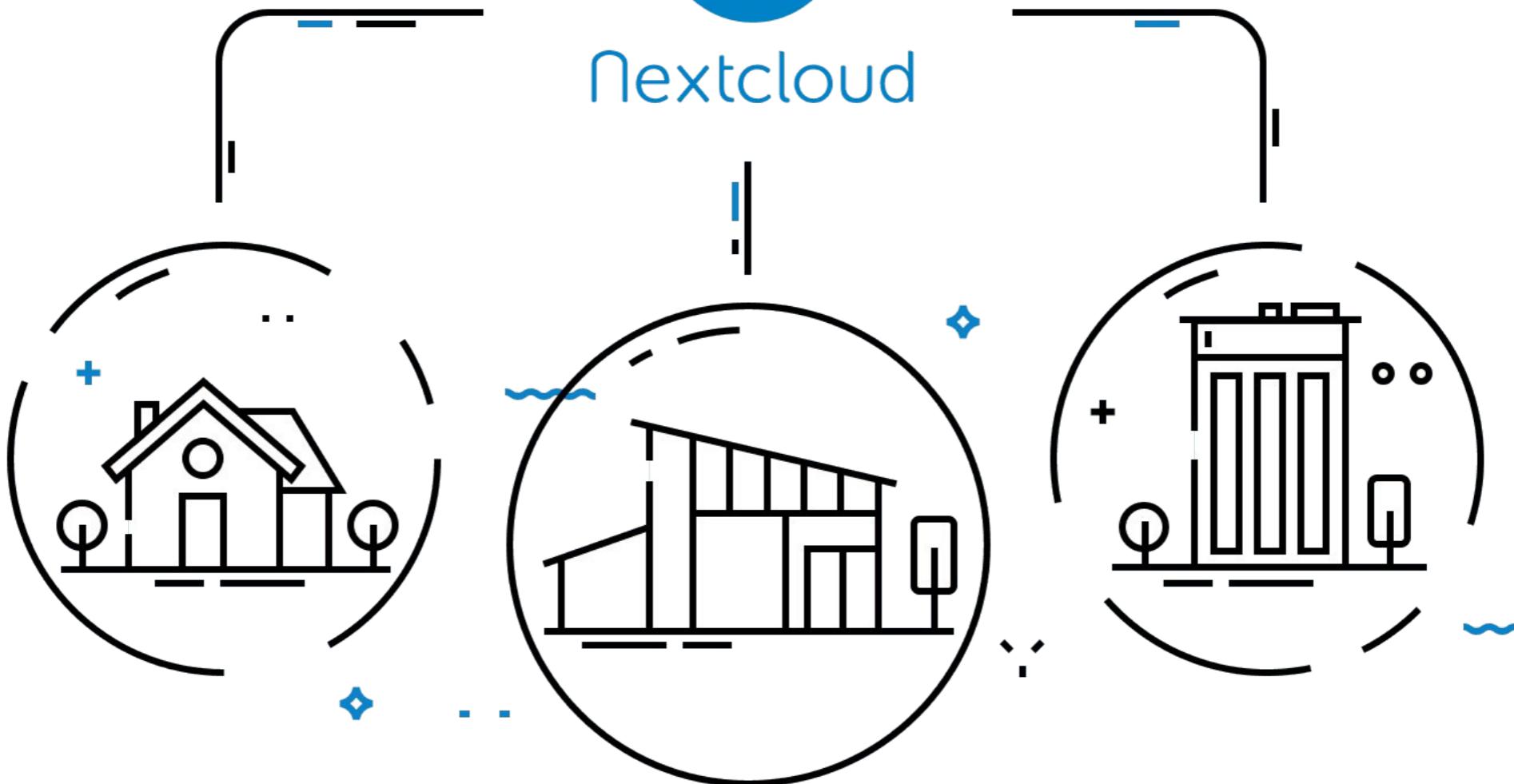
Note to recipient



OPENCLOUDMESH



Nextcloud



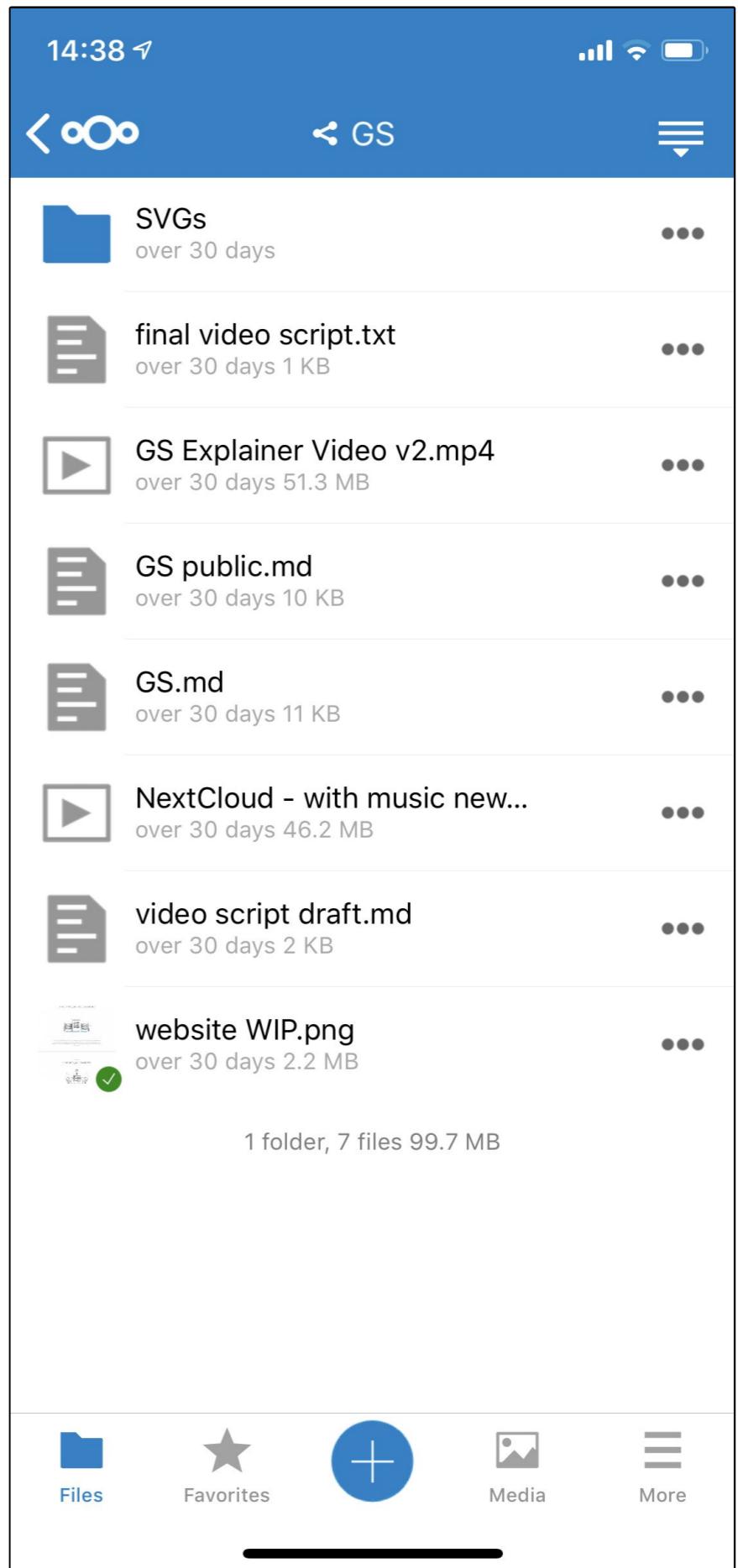
Global Scale

Federated Group Shares

3. Clients

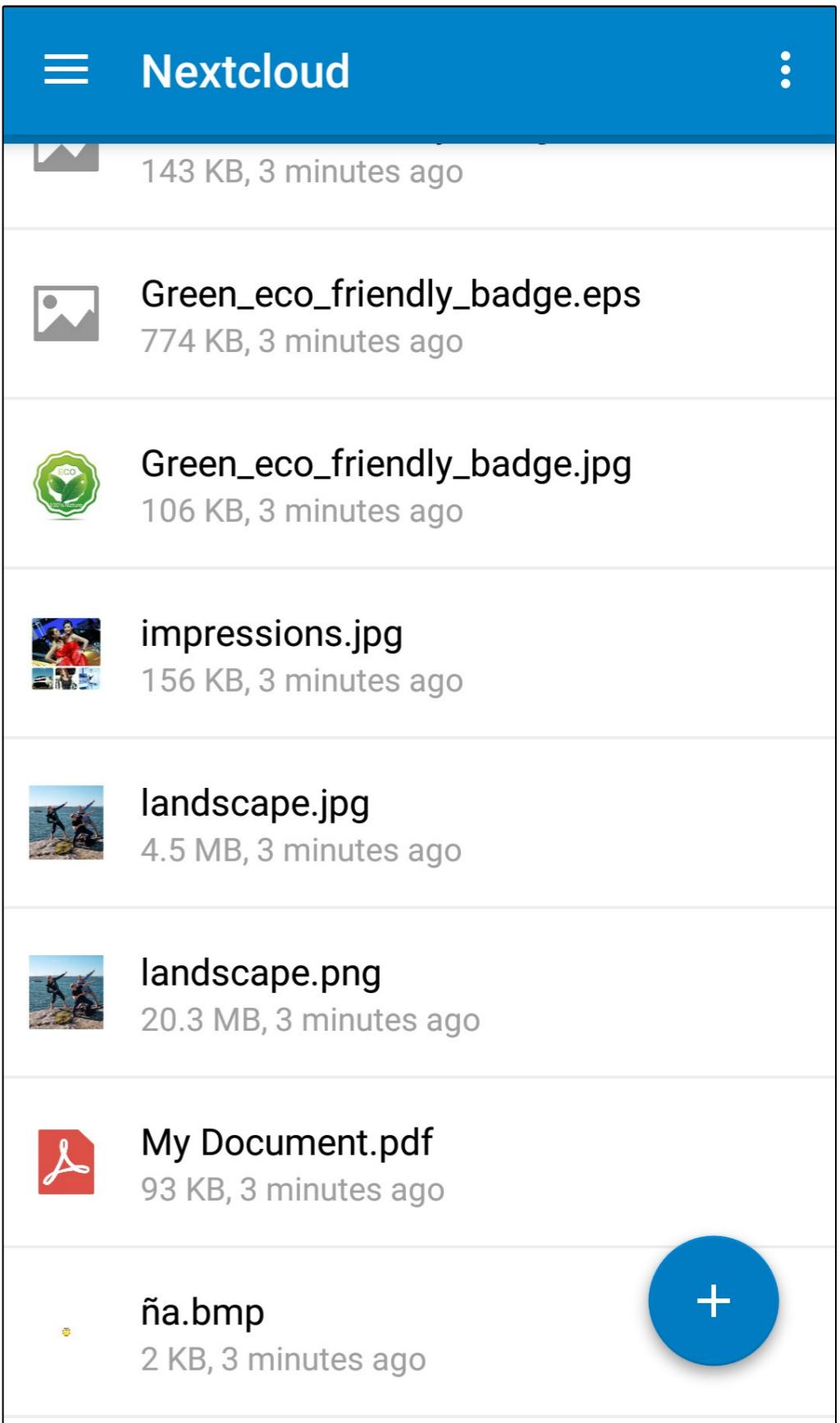
iOS

- End 2 End Encryption
- Document Provider
- Push Notifications
- Activities
- Media Streaming
- Server Theming

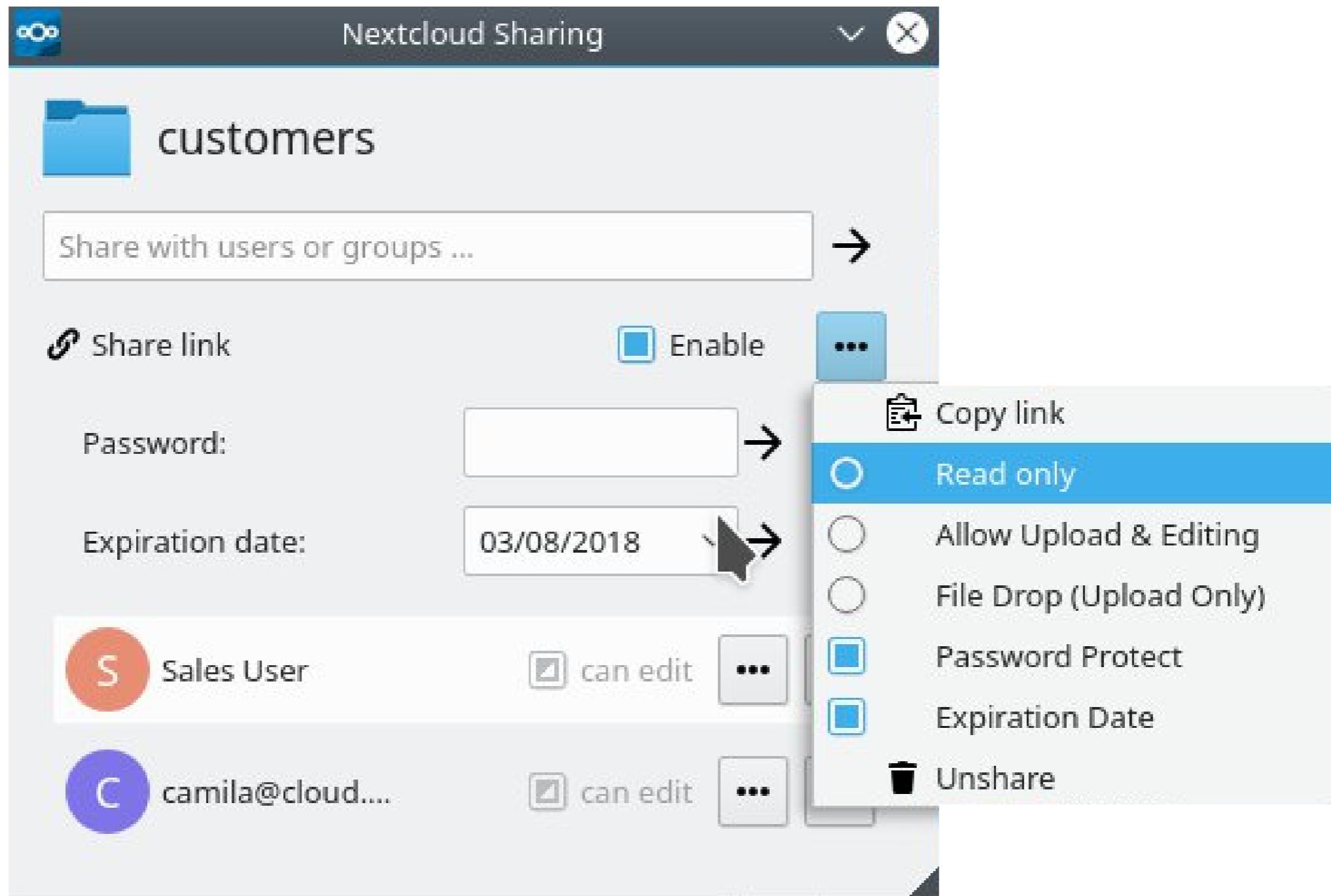


Android

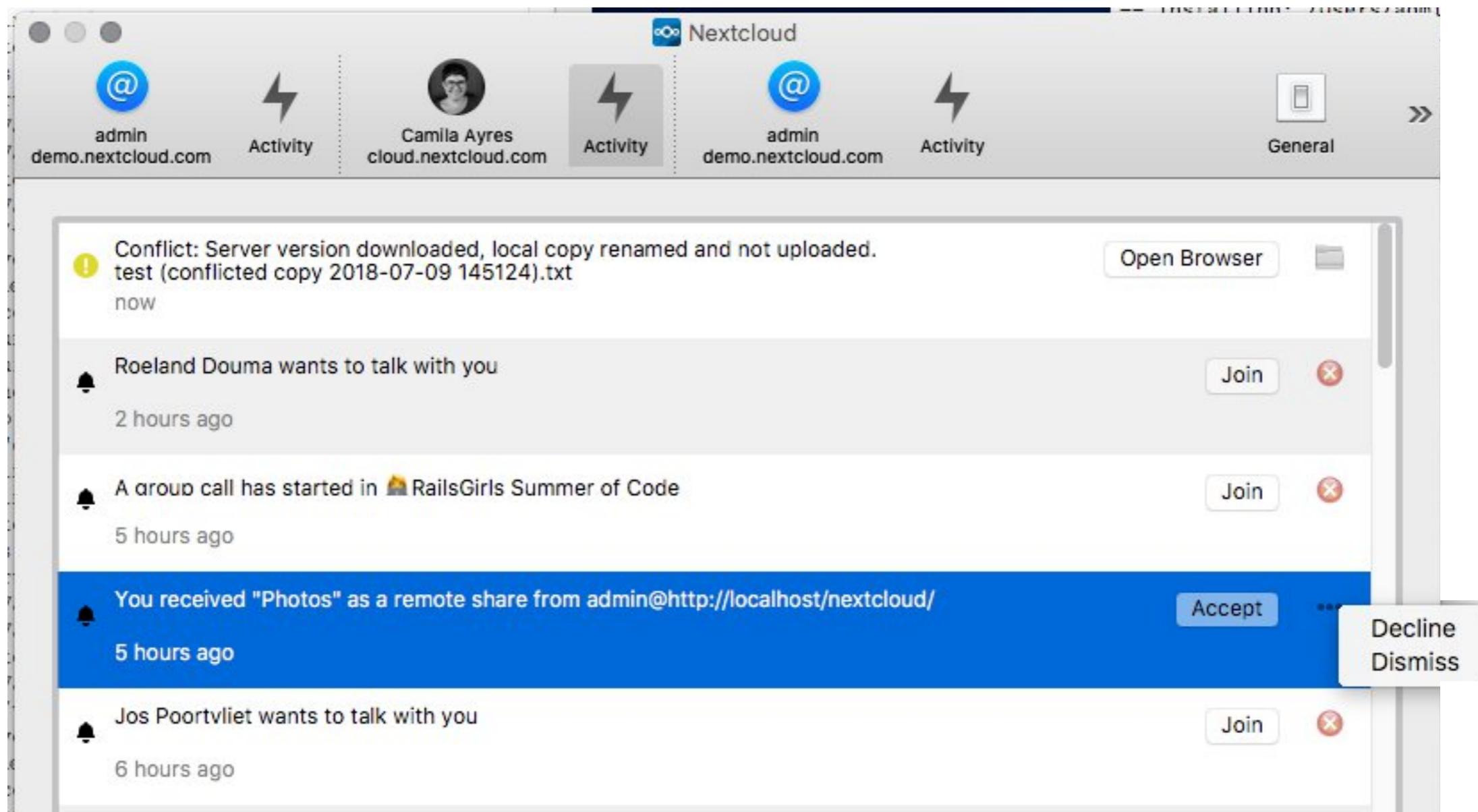
- End 2 End Encryption
- Push Notifications
- Activities & Comments
- Big Speed improvements
- Media Streaming
- Trashbin & Versions



Desktop



Desktop



Desktop

- End 2 End encryption
- Working notifications
- UI polish
- 2.5 release coming soon

4.

App Ecosystem

[All apps](#)
[Rating](#)
[Rating \(recent\)](#)
[Latest](#)
[Alphabetical](#)
 [Featured](#)
[Customization](#)
[Files](#)
[Games](#)
[Integration](#)
[Monitoring](#)
[Multimedia](#)
[Office & text](#)
[Organization](#)
[Search](#)
[Security](#)
[Social & communication](#)
[Tools](#)


GpxPod

Display, analyse, compare and share gpx tracks

News

An RSS/Atom feed reader

Markdown Editor

A Markdown Editor with live preview

Calendar

A Calendar app for Nextcloud



- Your apps
- Active apps
- Disabled apps
- Updates
- App bundles
- Customization
- Files
- Games
- Integration
- Monitoring
- Multimedia
- Office & text
- Organization
- Search
- Security
- Social & communication
- Tools

Talk
Video & audio-conferencing using WebRTC

Official

[Disable](#)

Audio Player
Audio Player for Nextcloud and ownCloud

[Download and enable](#)

Camera RAW Previews
Preview and show camera RAW files in Nextcloud/ownCloud

[Download and enable](#)

DICOM Viewer
Digital Imaging for Medicine

[Download and enable](#)

GpxPod
Display, analyse, compare and share gpx tracks

[Download and enable](#)

Music
Music player, library viewer, and server

[Download and enable](#)

News
An RSS/Atom feed reader

Phone Sync
An app to sync SMS with your phone

PhoneTrack
Display phones positions in real time

Audio Player

by Marcel Scherello
AGPL-licensed

[Download and enable](#)

[View in store](#) ↗ [Visit website](#) ↗ [Report a bug](#) ↗ [User documentation](#) ↗ [Admin documentation](#) ↗

A music player for FLAC, MP3, MP4, streams, and more with playlist support and Share Player.

Multiple views (albums with covers and more)
Library scan and reset with command-line and browser
Specifying media folder (with exclude functionality)
Smart & Standard Playlists and playlist files
One Click Play from Files app
External cover support
Mobile view support
Favorites integration
Sidebar integration
Search integration
Stream URLs

See README file for all supported MIME types and limitations.

The screenshot shows a weekly calendar view for Week 6 of 2018. The sidebar on the left lists calendar sources: Personal (green), Work schedule (yellow), Nextcloud (blue), and Band (orange). The main calendar grid shows events from Sunday, February 4, to Saturday, February 10, 2018, with time slots from 1am to 11pm. A tooltip for the 'Nextcloud' source indicates it's version 1.6.0 and connected to Nextcloud 13. The right-hand panel is open for creating a new event titled 'Call with Marketing team' under the 'Work schedule' category. It shows the event details: Starts at 02/06/2018 11:00 AM and Ends at 02/06/2018 12:00 PM. The 'Attendees' tab is selected, listing three attendees: Jane, Jack, and Tom, each with a delete button. Buttons for 'Delete', 'Cancel', 'Export', and 'Update' are also present.

Sun 2/4	Mon 2/5	Tue 2/6	Wed 2/7	Thu 2/8	Fri 2/9	Sat 2/10
all-day		Calendar 1.6.0 Nextcloud 13			Day off	
1am						
2am						
3am						
4am						
5am						
6am						
7am						
8am		8:00am - 9:00am Doctor's appointment				
9am						
10am						
11am		11:00am - 12:00pm Call with Marketing		9:00am - 11:00am Engineers Meeting		
12pm			12:00pm - 1:30pm Call "Any Products Inc." for consulting			
1pm						
2pm		2:00pm - 4:00pm Sales Meeting				
3pm						
4pm						
5pm						
6pm	6:00pm - 9:00pm Gig at Biergarten					
7pm						
8pm			7:00pm - 9:00pm Dinner with Jane			
9pm			6:00pm - 10:00pm Nextcloud release party at Hackspace		8:00pm - 10:00pm Cinema with John	
10pm						7:00pm - 10:00pm Bowling with coworkers
11pm						

App Development

Backlog

Mobile App

To Do

Documentation
in 11 Tagen

Public API Specification

Documentation

Geändert: vor 5 Minuten Erstellt: vor 9 Minuten von djoma

Später ✎

2017-06-30 22:20

Beschreibung i

What is Markdown

The [wikipedia markdown entry](#) introduced markdown as :

Markdown is a lightweight markup language with plain text formatting syntax. It is designed so that it can be converted to HTML and many other formats using a tool by the same name. Markdown is often used to format readme files, for writing messages in online discussion forums, and to create rich text using a plain text editor. As the initial description of Markdown contained ambiguities and unanswered questions, many implementations and extensions of Markdown appeared over the years to answer these issues.

Markdown in Deck

The Deck application plugin uses the [markdown-it](#) script to offer support for markdown in the cards description field.

Supported Markdown

Markdown comes in many flavors. The best way to learn markdown and understand how to use it, is simply to [try it](#) on the original script official playground. That same link offers also a comprehensive list of what is supported, and what is not - rendering it unnecessary to duplicate that content in here.

Collabora Online

File Edit View Insert Format Tables Help

Default Style Karla 12 B I U S T  Collabora Online v 2.1

Collabora Online: the enterprise-ready LibreOffice-based Online Office Suite that allows you to stay in control of your own documents. full control of your office files.

LibreOffice is the world's most popular Open Source Office suite with over 120 million users. Collabora, a leading contributor to the project, and developer of the enterprise-ready, Long Term Supported edition of LibreOffice, Collabora Office, has now brought LibreOffice to the Cloud with Collabora Online.

With Collabora Online you now have access to a powerful, enterprise-ready and 100% Open Source Online Office suite functionality, with excellent support for all popular office file formats and

YOU editing... ANNE editing... THOMAS editing...

Collabora Productivity

john Thu Apr 27 2017 Insert 'v 2.1' Good to add the version number

jane Thu Apr 27 2017 Can we add the version number here too?

Emily Thu Apr 27 2017 Great idea! Let's check the rest of the document too, and let's add a link: www.collaboraoffice.com

Alan Thu Apr 27 2017 Delete 'control o...cuments.'

Search: Document saved | 4 users | Page 1 of 2 | 7 words, 47 characters | 100%



ONLYOFFICE

File

Home

Insert

Layout

References

Collaboration

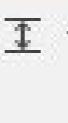
Plugins

ONLYOFFICE Sam



Arial

20



Normal

No S

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



Welcome to ONLYOFFICE Online Editors

We are proud to present the first **HTML5** Canvas-based online document editors.

ONLYOFFICE Online Editors can be easily integrated into your website or cloud application via API provided. Thus you get a chance to provide users with the most advanced online document editors for text docs, spreadsheets and presentations.



Personal

i Personal info

lock Security

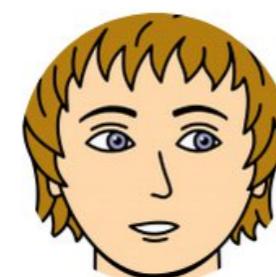
External storages

Sharing

Additional settings

You are using 164 B of Unlimited

Profile pict...



png or jpg, max. 20 MB

Full name

Oksana Uspenskaya

Email

OksanaUspenskaya@rhyta.com

Phone number

Your phone number

Address

Your postal address

Website

Link https://...

Twitter

Twitter handle @...

Groups

You are member of
the following groups:

Language

English (US)

Help translate

Password

Current password

New password

Change password

Account

You can request an export of your data or account deletion from the system administrator. This can take up to 30 days.

Request data export

Request account deletion



✉ Mail Inbox

Re: FullTextSearch release From: andreas@nextcloud.com	To: maxence@nextcloud.com	il y a 2 heures
Your Nextcloud Conference Talk/Workshop - please read carefully! From: marie.gutbub@nextcloud.com	To: maxence@nextcloud.com	il y a 4 heures
Mastodon: Reset password instructions From: notifications@mastodon.social	To: maxence@artificial-owl.com	il y a 5 heures
Cyberpunk 2077 Newsletter Subscription Confirmation From: news@cyberpunk.net	To: maxence@artificial-owl.com	il y a 6 heures
[Nextcloud community] [nextcloud freelancing] Nextcloud custom app development From: noreply@nextcloud.com	To: maxence@nextcloud.com	il y a 6 heures

📁 Files

Filename	By	On
dashboard.odp	Created	cult
TheNextDashboard.pdf	Edited	cult
Transcript.txt	Created	cult
Nextcloud.mov	Edited	cult
IMG_20180811_110909.jpg	Created	cult

Fortune Quotes

You need more time; and you probably always will.

🔊 Audio Player



📢 The next dashboard app to be released with Nextcloud 15

il y a 2 jours - Maxence Lange - 0 comments

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Add new widget

5.

Nextcloud Talk



Nextcloud Talk

- Chat and Video Calls
- Less than one year old
- 100% open source (Server, iOS, Android)
- Self hosted
- Full Nextcloud Integration



New conversation ...

Playoffs

...

Regular Se...

16

...

N

New Orleans Saints

19 minutes ago



Don't want to be the evil guy, but what are @Seattle Seahawks doing in here?

They didn't make it!



P

Pittsburgh Steelers

19 minutes ago

Must be a mistake 😬

A

Atlanta Falcons

19 minutes ago

Oh come on @National Football League

You can do better

A

Atlanta Falcons

16 minutes ago

We worked so hard to get to the playoffs!!11eleven

N

National Football League

16 minutes ago

Well this didn't go as planned, so I'm going to remove @Seattle Seahawks in a bit...

Is everyone ready to start the call then?

@Jacksonville Jaguars are still offline it seems?

N

National Football League

New message ...



Playoffs

Join call

Share link

Participants

Add participant ...

N National Football League (moderator)

A Atlanta Falcons

...

N New Orleans Saints

...

P Pittsburgh Steelers

...

J Jacksonville Jaguars

...

S Seattle Seahawks

...

Promote to moderator

Remove participant

Choose person...

- Discuss Nextcloud Talk
- Press information...
- Mario Danic
- Nina Cercy
- Sales Weekly call
- Mathias Conradt,...
- Sales
- Collabora plans
- Company Call
- Frank Karlitschek
- Ivan Sein Santiago
- I have renamed t...
- You
- tomaz
- F-Droid
- Lukas Reschke

Discuss Nextcloud Talk

Leave call

Share link

Chat

Participants

Jos Poortvliet 9 minutes ago
Hi team, I'd like to go over Nextcloud Talk features today.

Mathias Conradt 4 minutes ago
Ok

Jos Poortvliet
New message... →

Vanessa Steeg

Patrick Walther

Mathias Conradt

Choose person ...

- Discuss Nextcloud...
- Press information...
- Mario Danic
- Nina Cercy
- Sales Weekly call
- Mathias Conradt...
- Sales
- Collabora plans
- Company Call
- Frank Karlitschek
- Ivan Sein Santiago
- I have renamed t...
- You
- tomaz
- F-Droid
- Lukas Reschke

Discuss Nextcloud Talk

Leave call

Share link Set password

Chat Participants

Add participant

Jos Poortvliet (moderator)

Mathias Conradt (moderator)

Vanessa Steeg (moderator)

Patrick Walther

Guest

Control over data flow

Logging and monitoring

Permissions

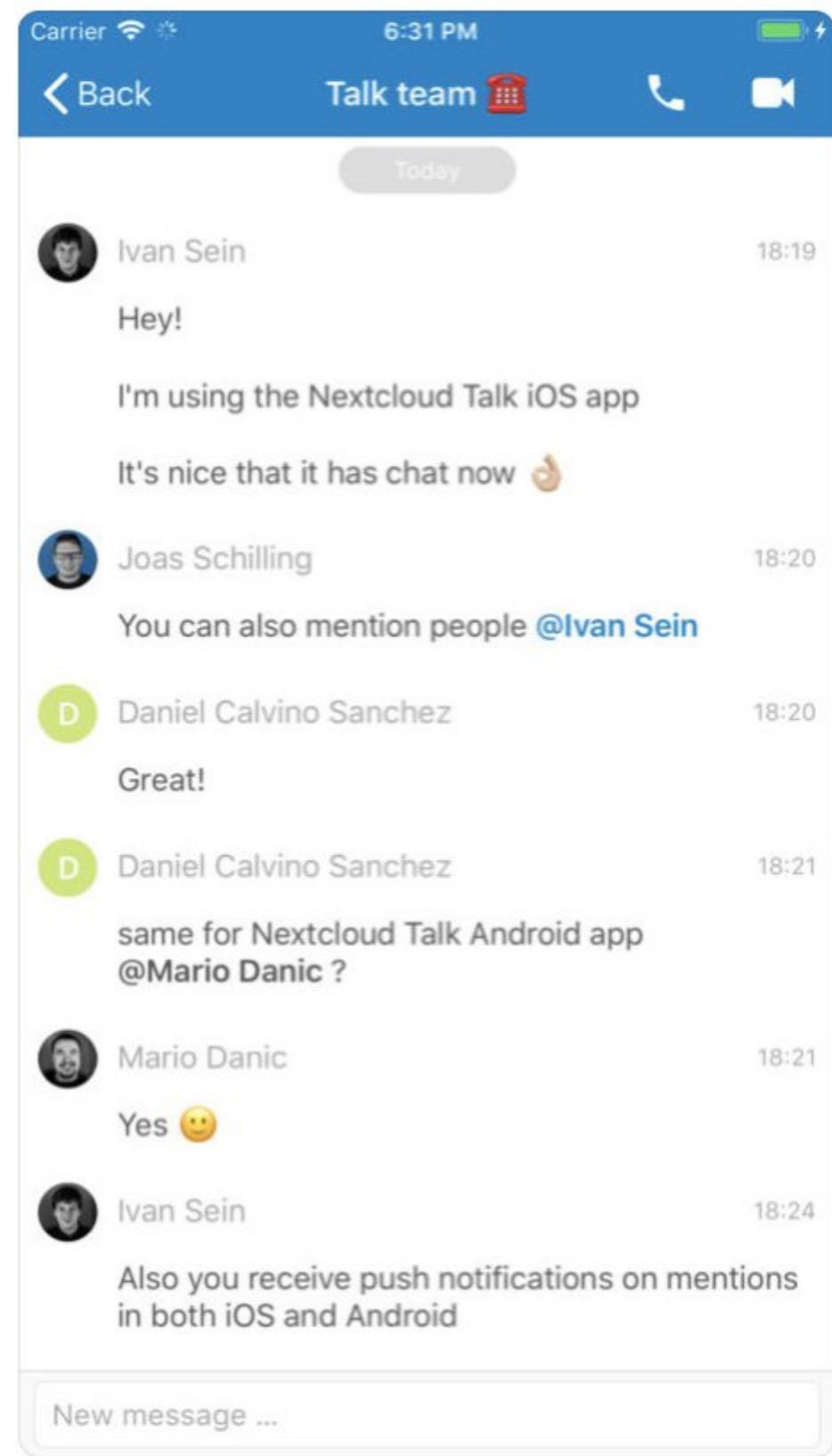
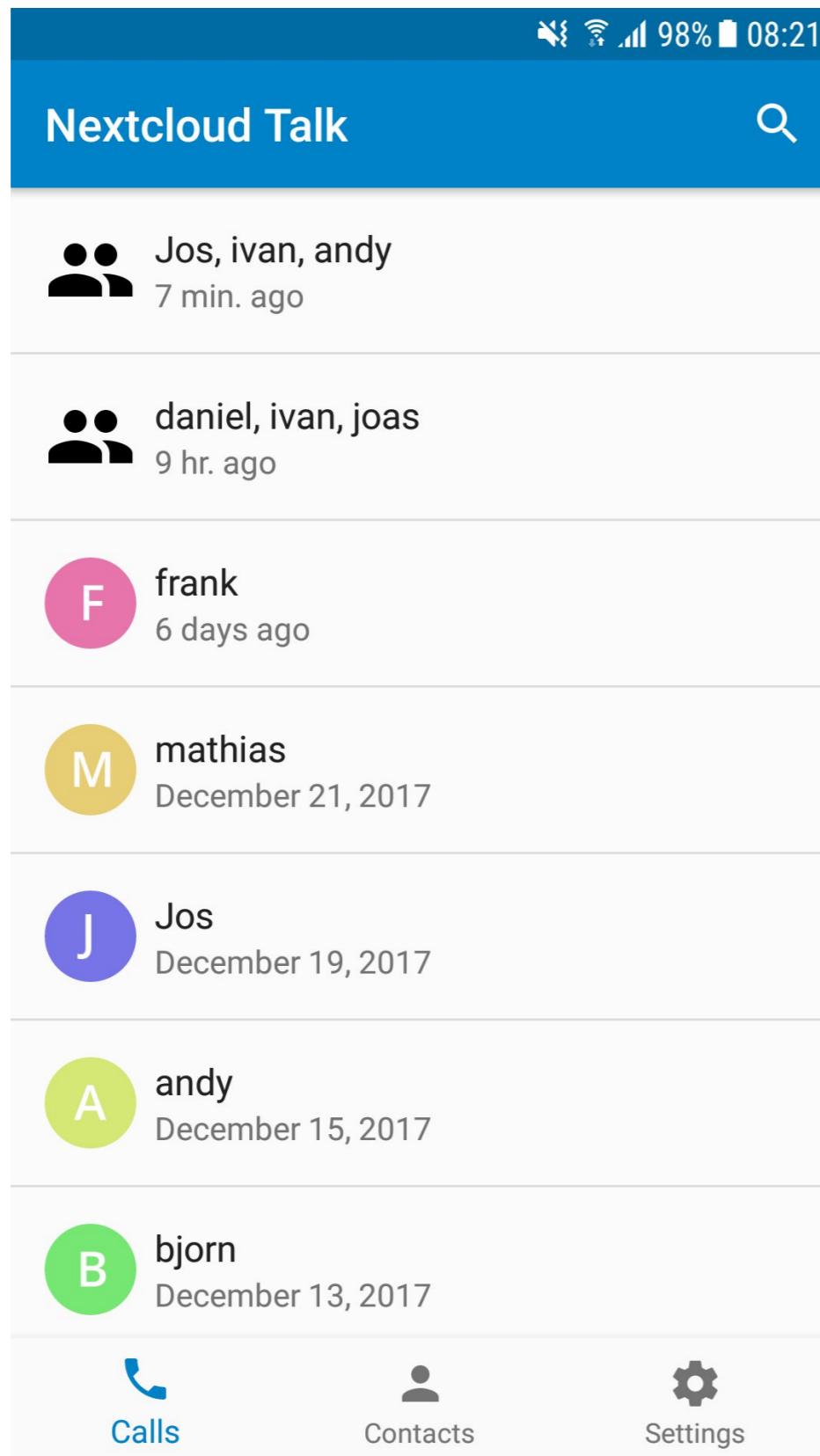
Hire granted His Access Donat!

Uncyclon

Virus scanning

Data protection

Vanessa Steeg's screen



5 main areas

- Design / Accessibility
- Sharing / Collaboration
- Clients
- App Ecosystem
- Nextcloud Talk

Activities Comments **Sharing**



Shared with you and the group



morris@nextcloud.com



Video call

mail ad...

i

Share link



Size Modified

... 2.5 MB 8 days ago

... 2.3 MB 8 days ago

... 98 KB 3 days ago

... 452 KB 8 days ago

... 36 KB 8 days ago

... 585 KB 8 days ago

... 2.4 MB 6 days ago

... 4.3 MB 8 days ago

12.6 MB

Photos

2.3 MB, 8 days ago Tags

Activities

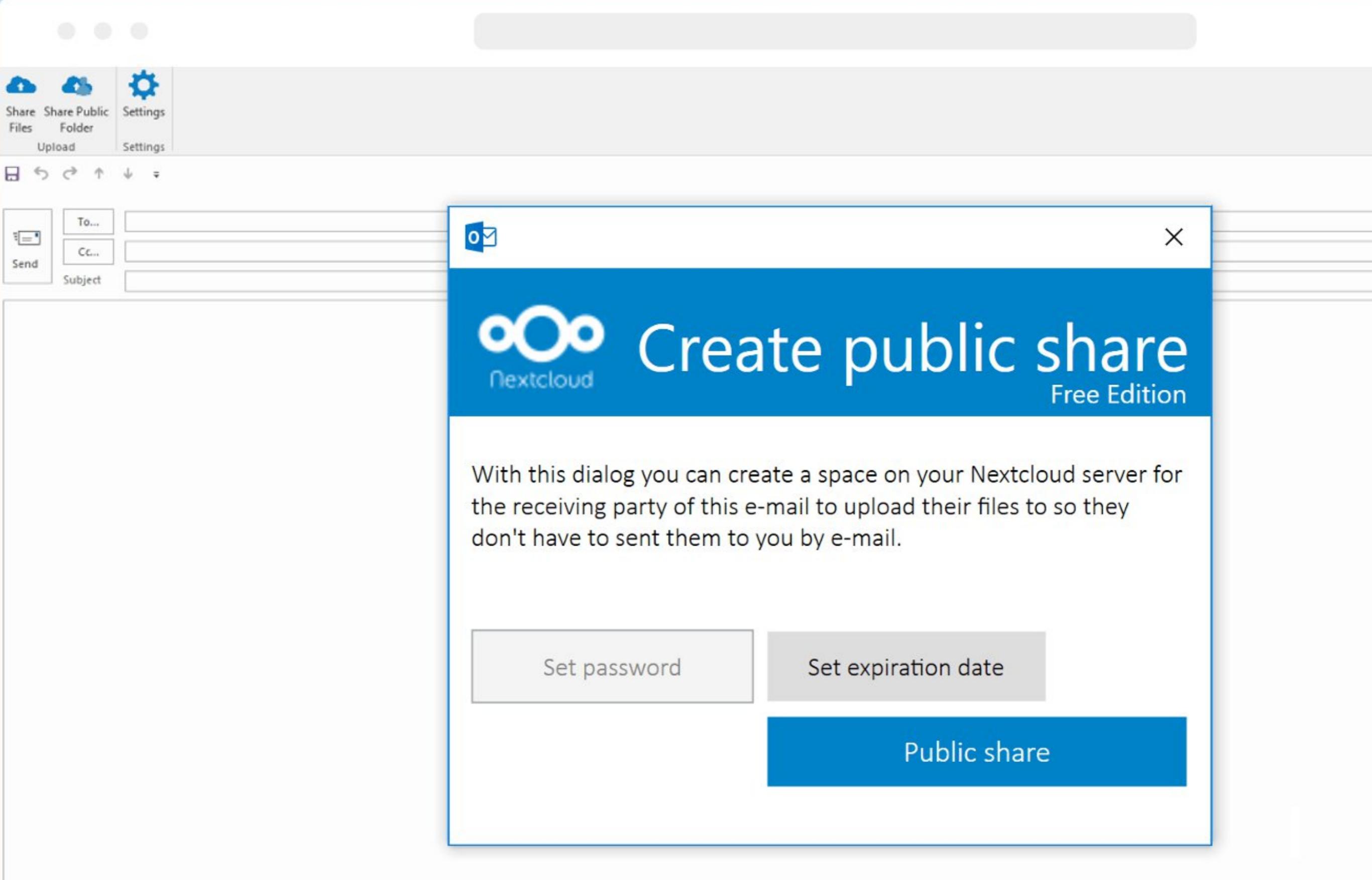
Comments

Sharing

Eng



Engineering Discussion





All files

Recent

Favorites

Shared with you

Shared with others

Shared by link

Tags

Home > Mails sent to files@artificial-owl.com > From maxence@nextcloud.com

Name ▾

★ From 01.01
Return-Path:
X-Originating-IP:
Delivered-To:
Received-From:
2017-10-29 10:17:48-0_mail-Documents to print.txt

★  2017-10-29 10:17:48-1_attachment-IMG_20170311_162557.jpg

★  2017-10-29 10:17:48-2_attachment-IMG_20170313_084913.jpg

3 files

Video Verification

Activities Comments **Sharing**

Versions

Name, federated cloud ID or email address... →

R Mathias Conradt (e...) Can edit **...**

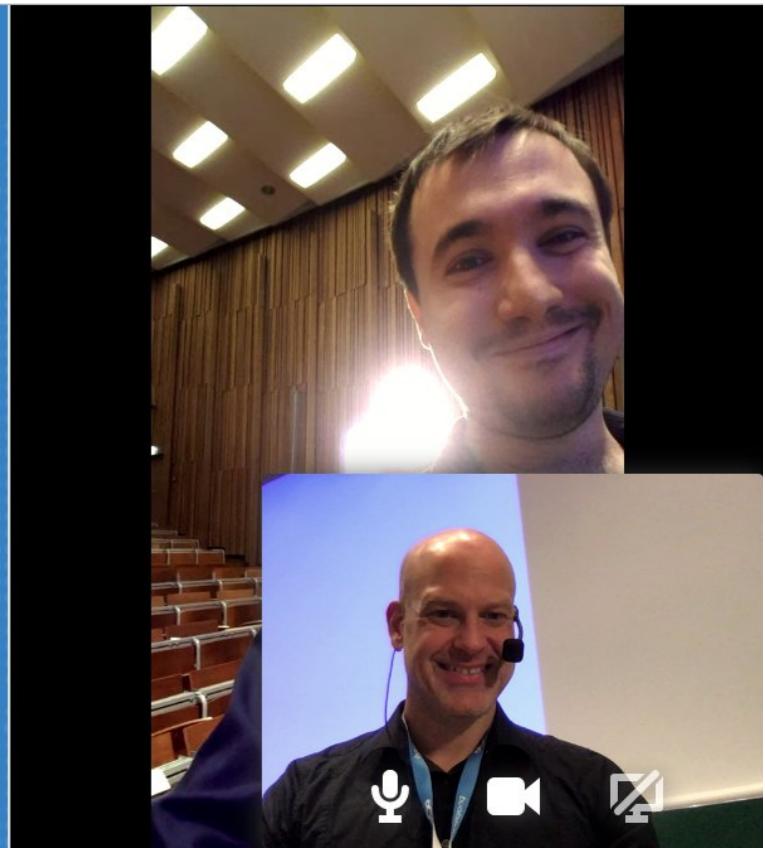
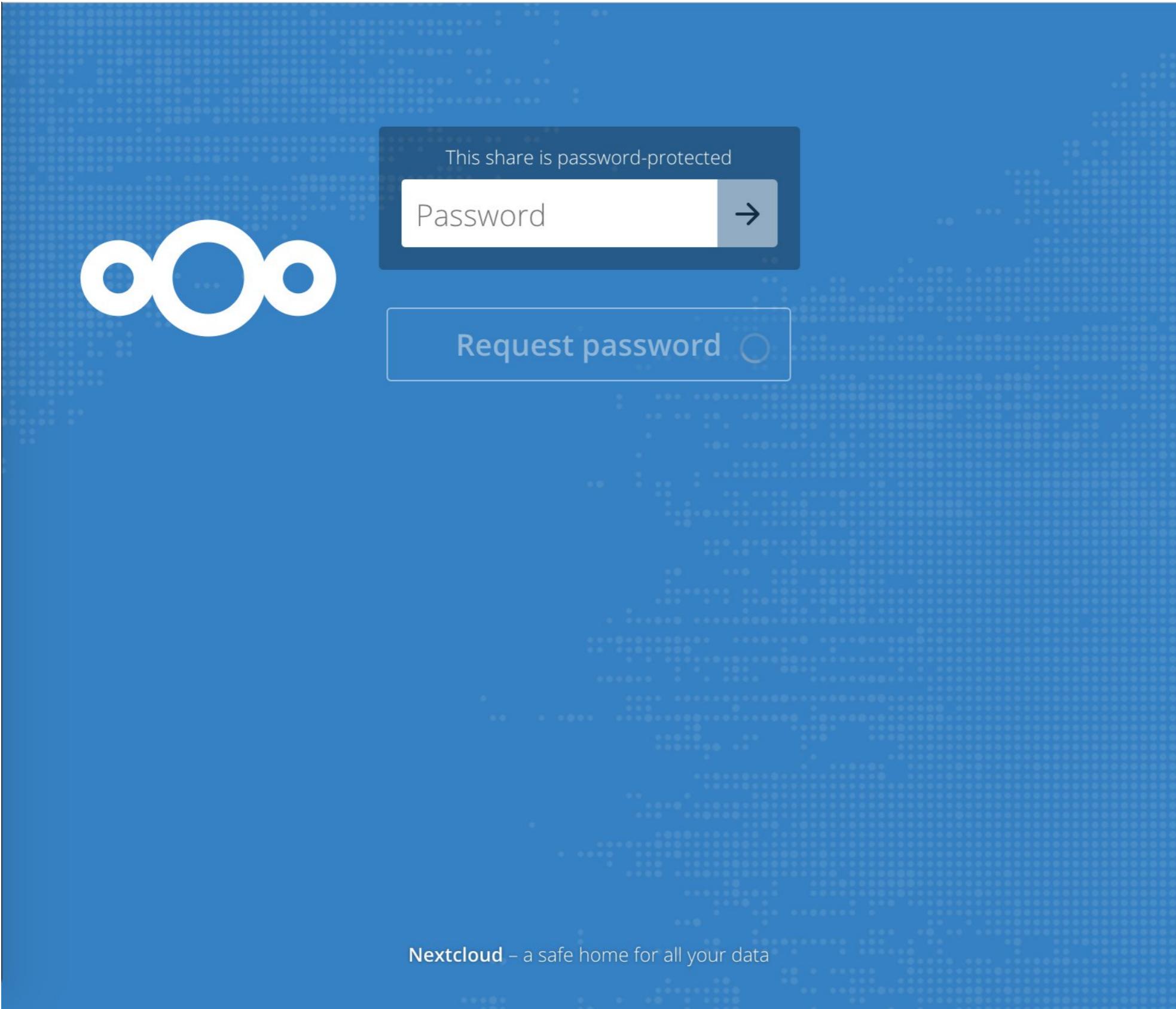
Sha Password protect

Password protect by Talk

Set expiration date

Note to recipient

Unshare



Today, August 25, 2018
Guest created the conversation a minute ago

Guest added @Mario Danic to the conversation

Guest joined the call a minute ago

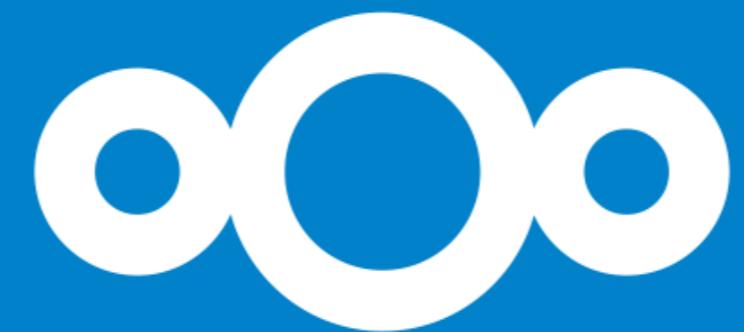
You

New message ... →



The most advanced Content Collaboration Platform

How do people get Nextcloud ?



Simple Signup

Question

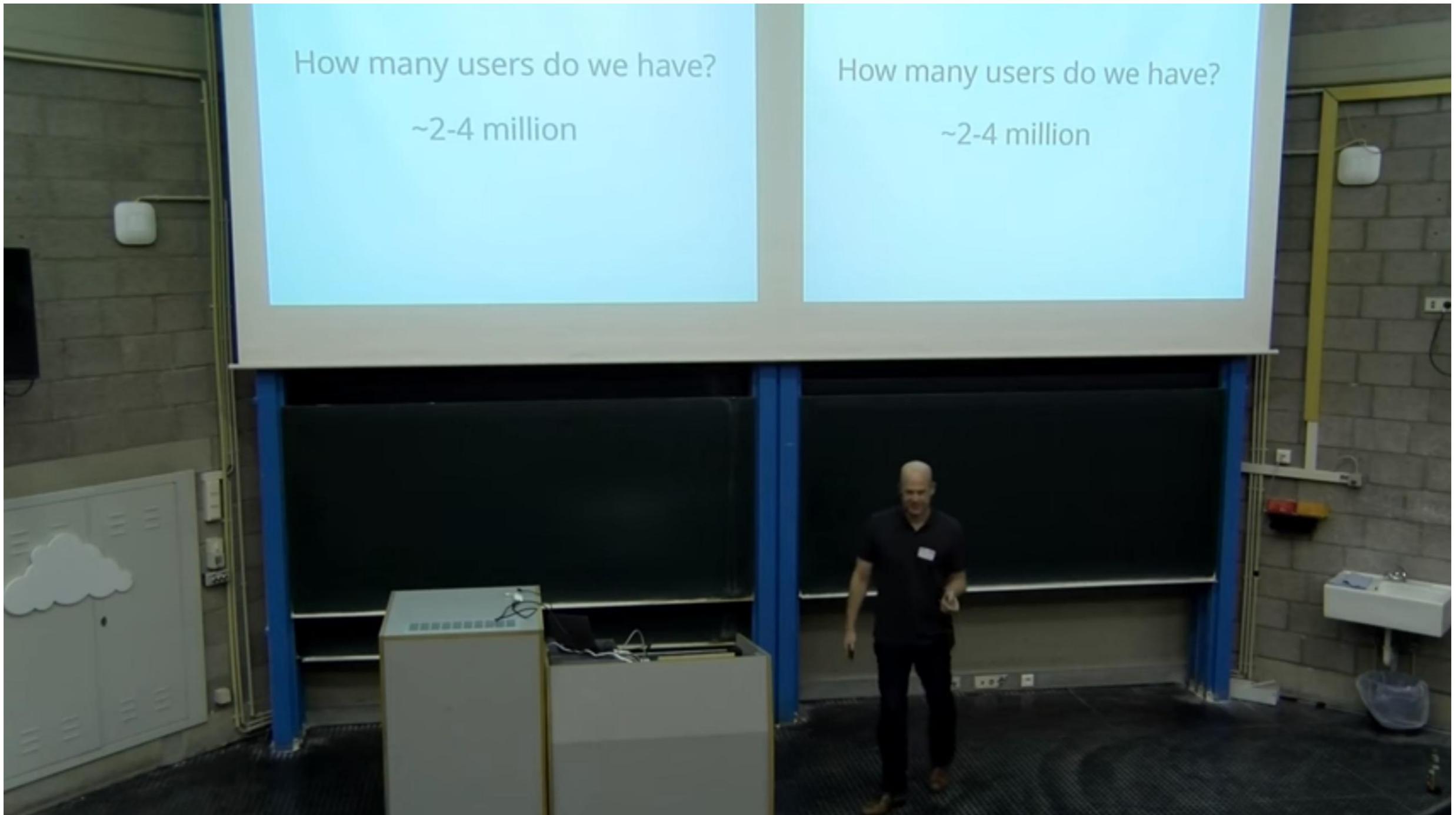
Can anyone run a server at home?



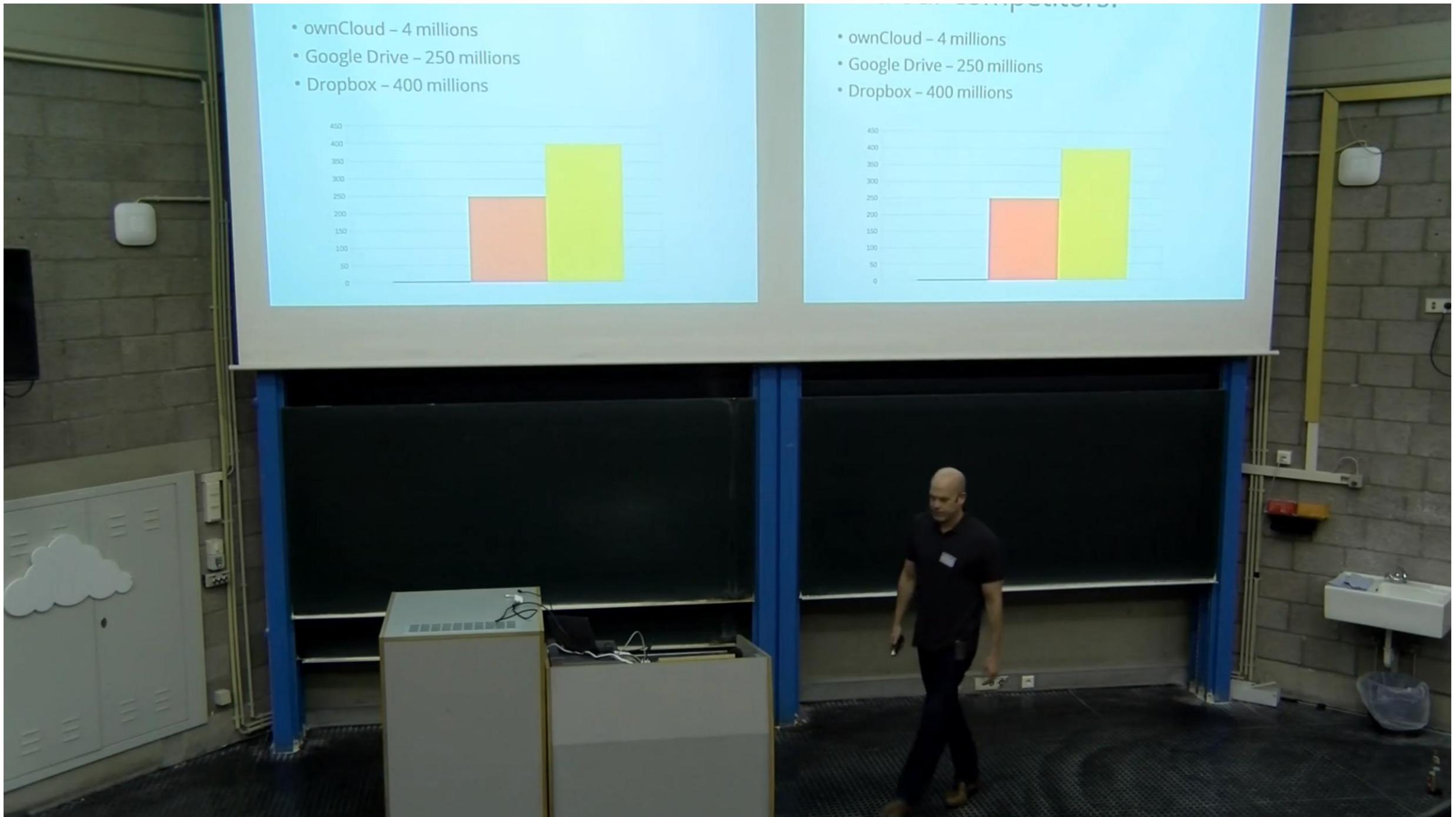
One step back



So where are we?



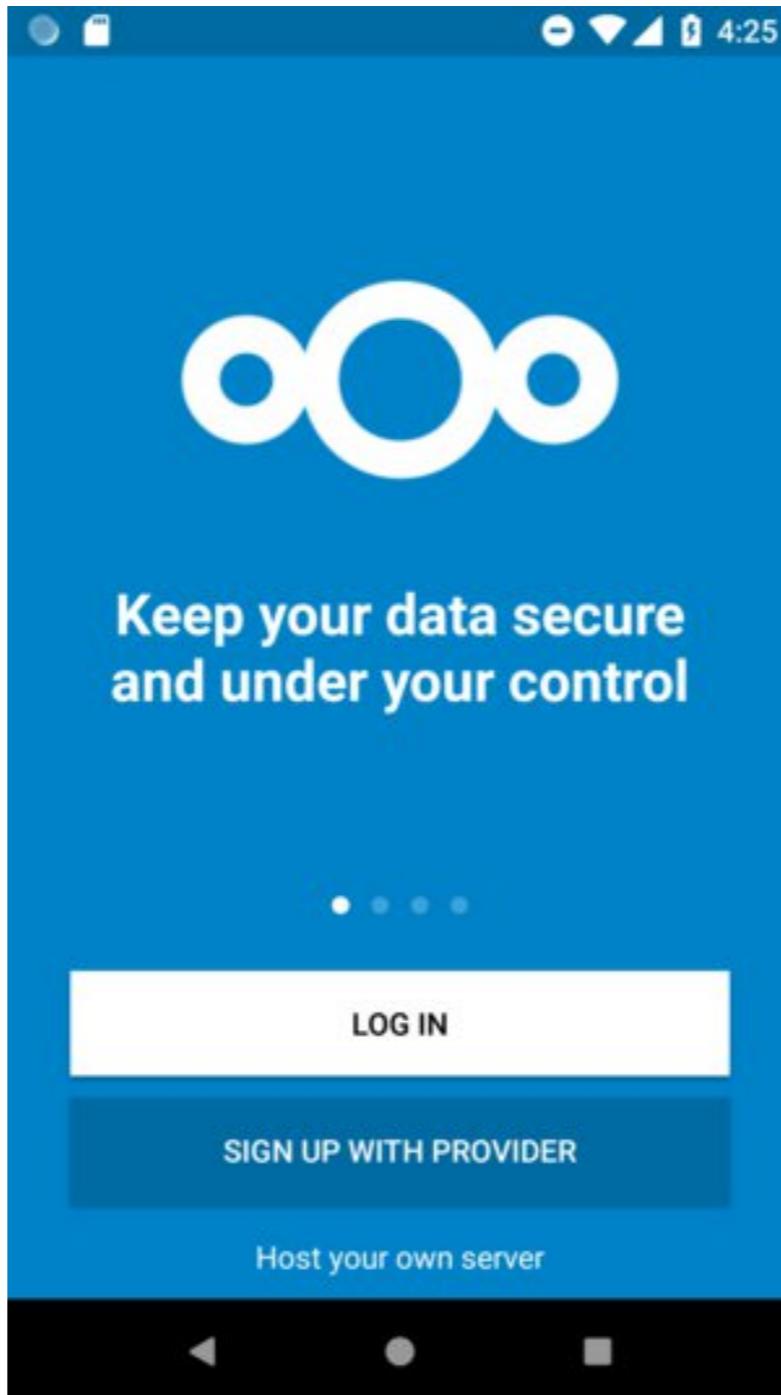
Not there yet...



Decentralization



Introducing...



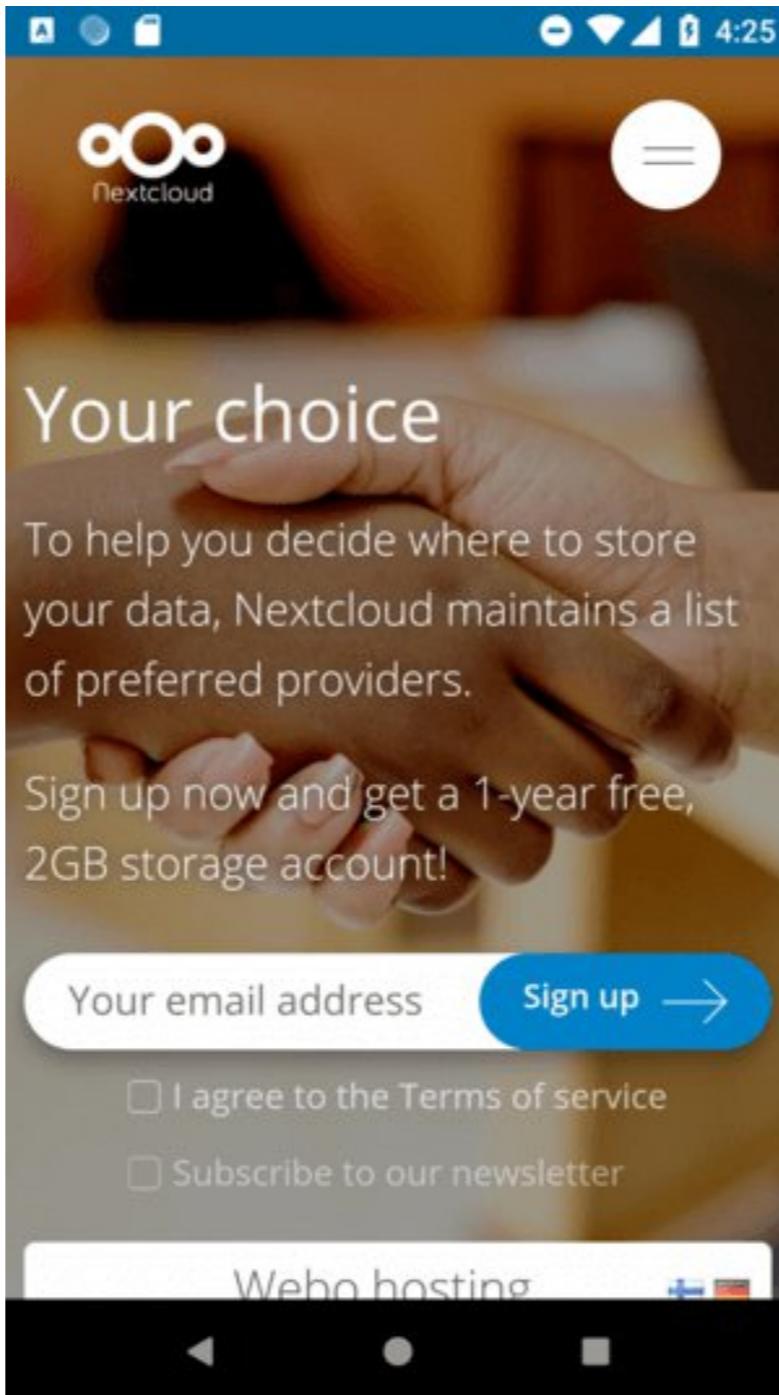
Introducing...

Simple Signup

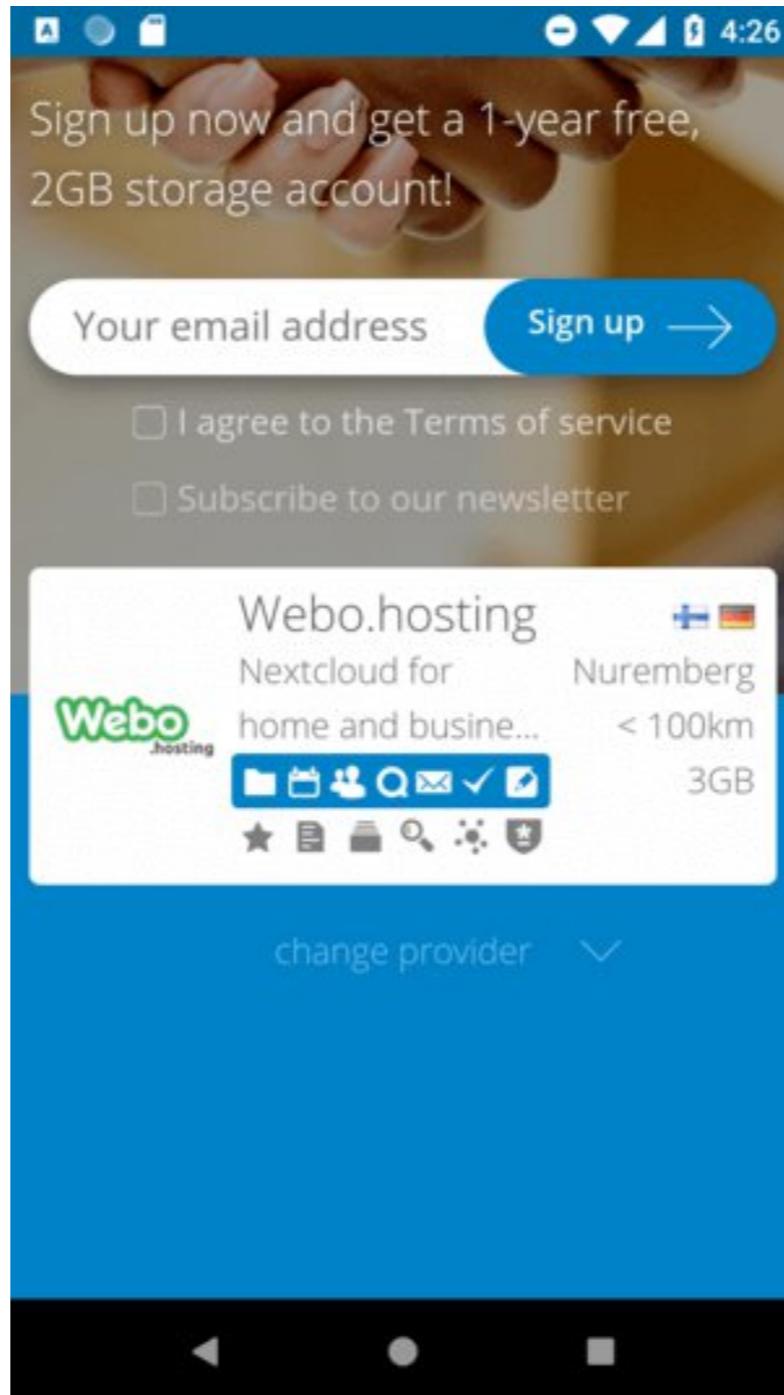
Make signing up to a privacy-protecting, decentralized cloud as easy as it is to a centralized service



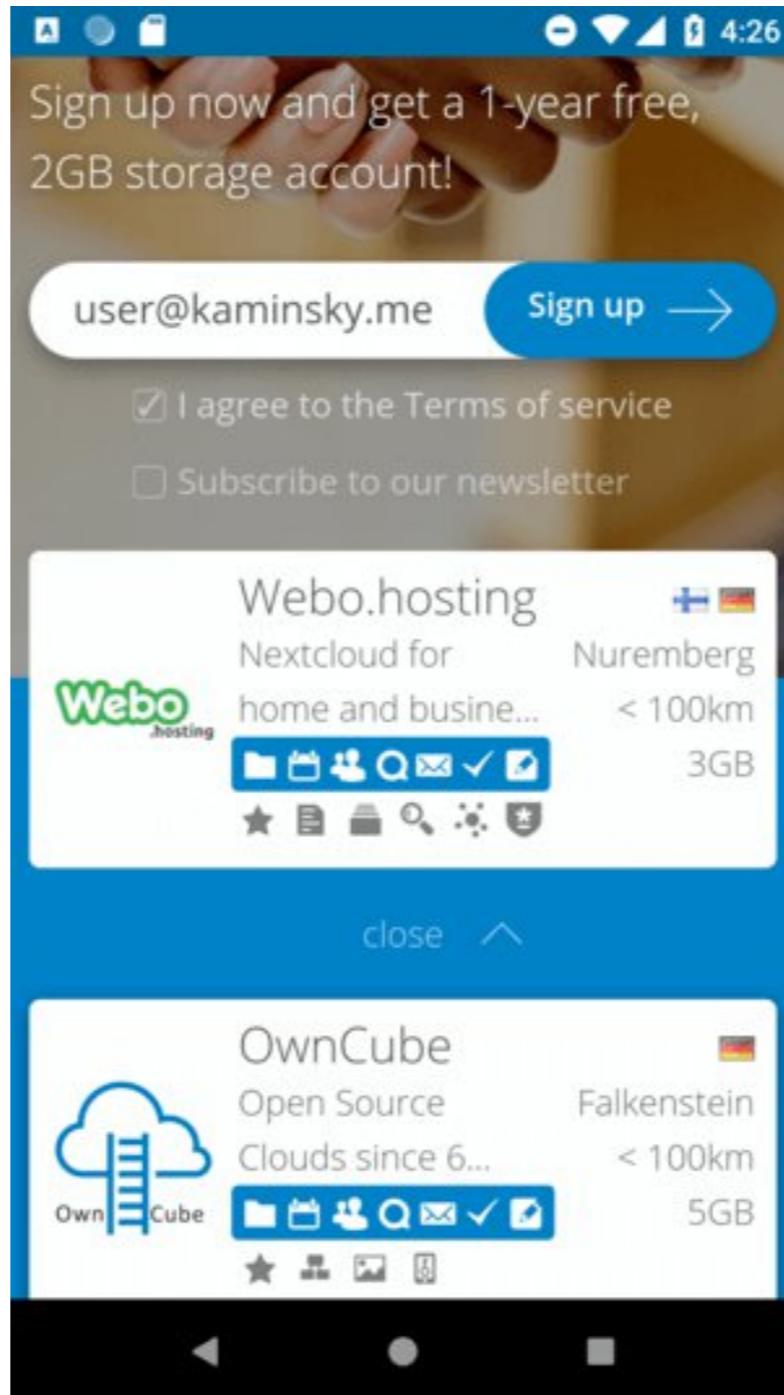
Introducing...



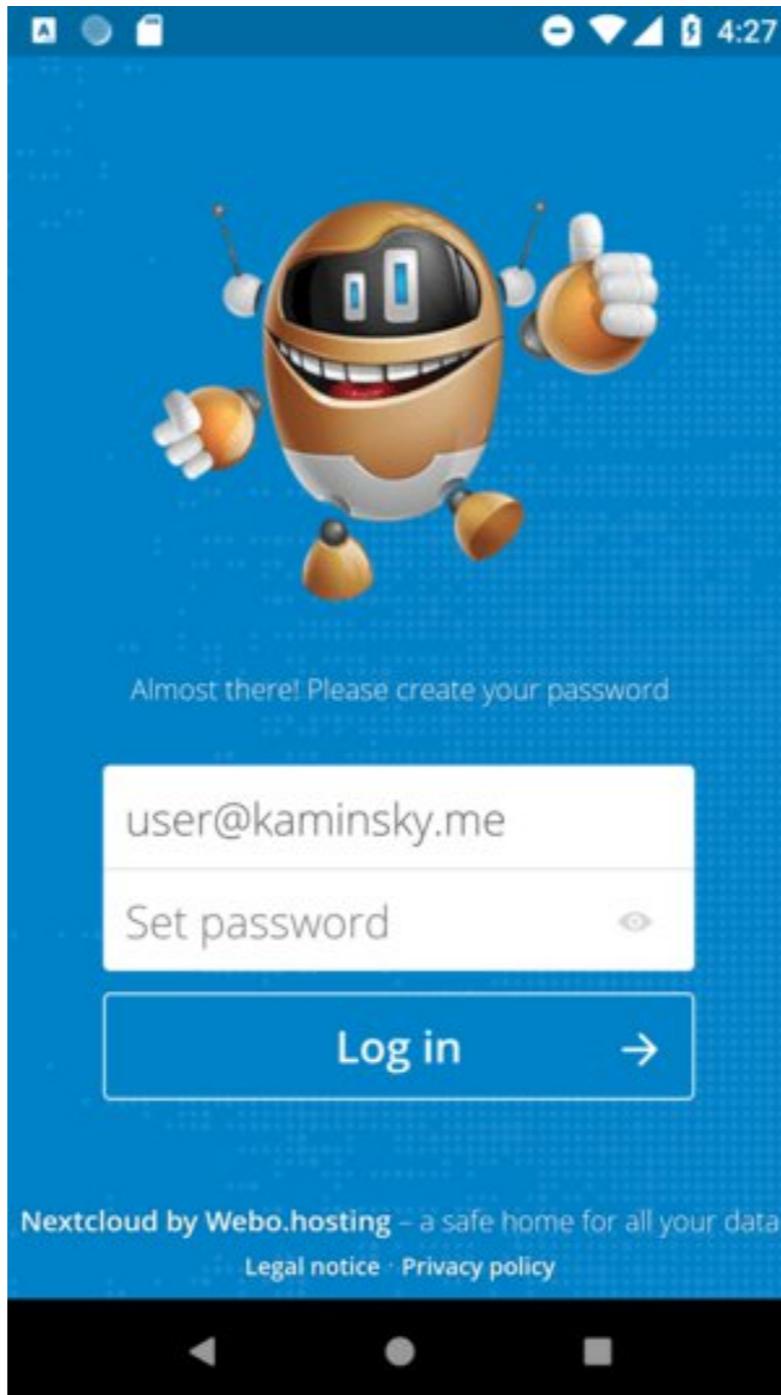
Introducing...



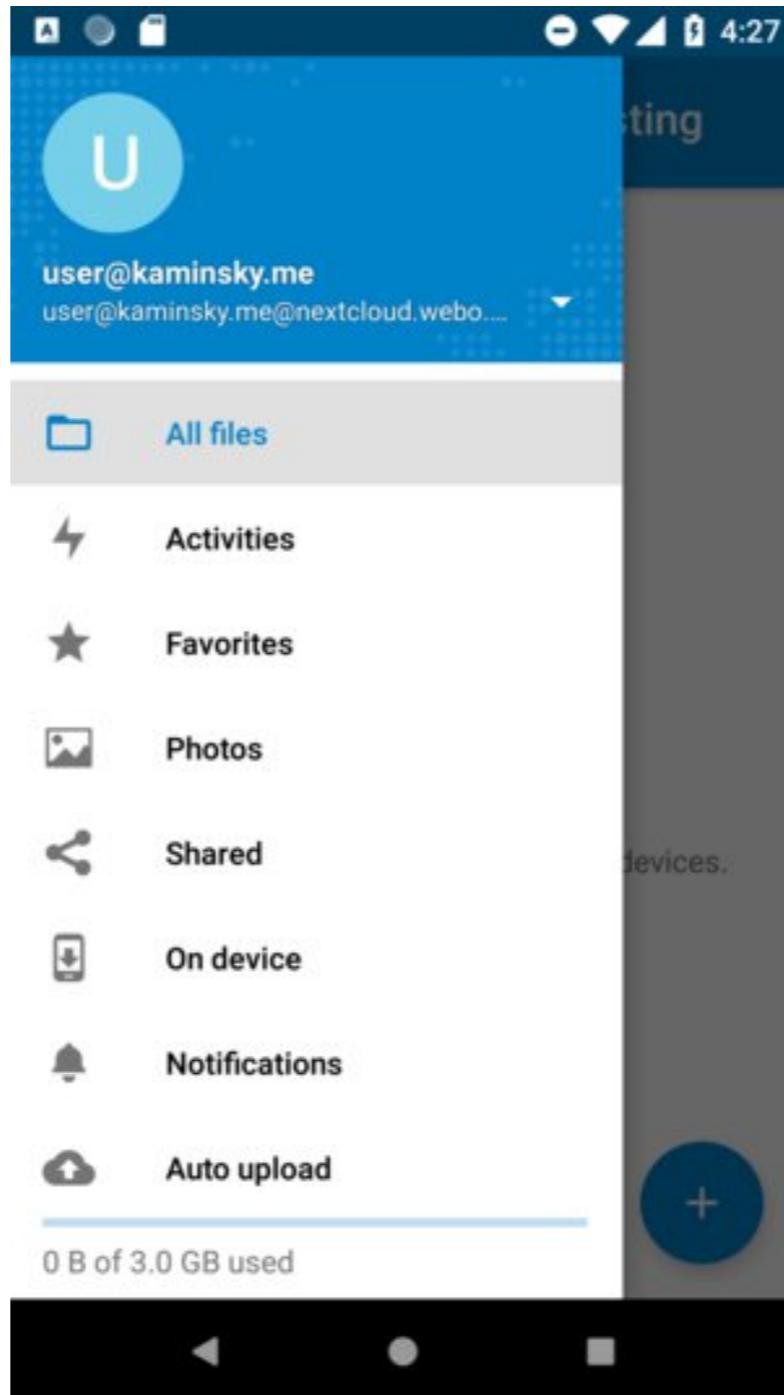
Introducing...



Introducing...



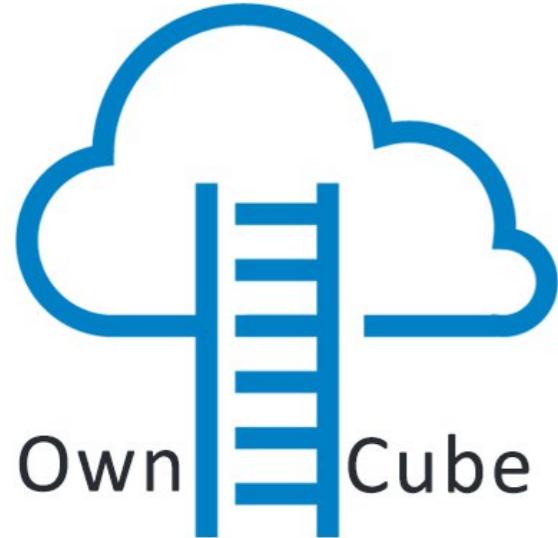
Introducing...



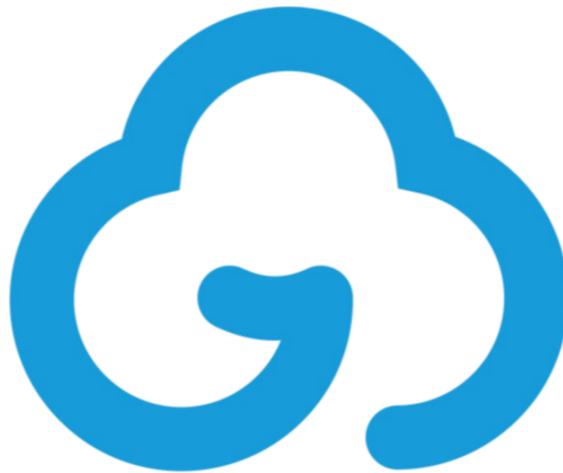
Seriously. THAT'S IT.



Our providers



the good cloud



SnowFlakeOps



Decentralization protects the web

And now you know...



**WHO
OWNS
YOUR
DATA?**

nextcloud.com/yourdata

YOU DO



Tell everybody:
nextcloud.com/yourdata



Tell everybody:
nextcloud.com/yourdata
nextcloud.com/register



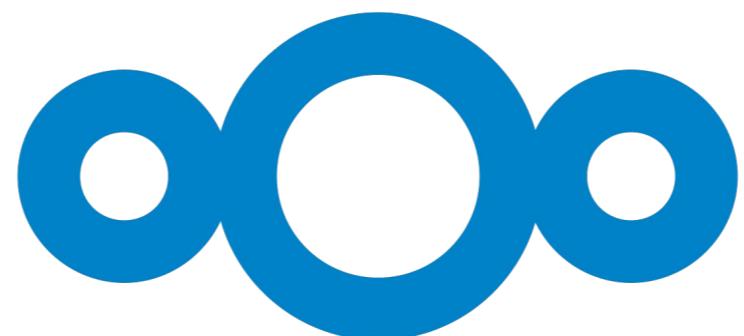


Nextcloud @ Home



NEC

Waffle Cell



Nextcloud



- Millions of NEC Home Router
- 1GBs Fiber Upstream/Downstream
- Automatic Network DNS Configuration
- Optimized Federation / Peer 2 Peer Sharing



Summary

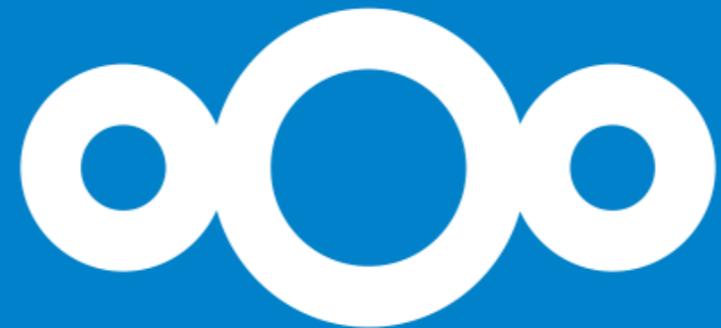


Nextcloud 14 is the most advanced File Sync Share
and and Collaboration Solution.

Video Verification enables secure sharing

Simple Signup enables normal users to get Nextcloud

NEC is deploying millions of Nextcloud Nodes in Japan



Enjoy FOSSCOMM 2018

Efstathios Iosifidis

 @eiosifidis

iosifidis@nextcloud.gr

<http://nextcloud.gr>

Don't miss:

NextCloudPi by Panteleimon Sarantos at 15.00 (after the brake)

NextCloudPi workshop by Panteleimon Sarantos, tomorrow at 11.30