

Mail



- [Configuration](#)
 - [Anti-abuse alerts](#)
 - [Attachment size limit](#)
 - [Background sync interval](#)
 - [Disable TLS verification for IMAP/SMTP](#)
 - [Google OAuth](#)
 - [Local IMAP and SMTP servers](#)
 - [Timeouts](#)
 - [IMAP timeout](#)
 - [SMTP timeout](#)
 - [Sieve timeout](#)
 - [Use php-mail for sending mail](#)
 - [Account delegation](#)
 - [Snooze and scheduled sending](#)
 - [XOAUTH2 Authentication with Microsoft Azure AD](#)
 - [Mailbox Share](#)
 - [User Interface Preference Defaults](#)
 - [LLM Processing](#)
 - [Thread Summary](#)
 - [Follow-up reminders](#)
 - [Translation](#)
 - [User migration](#)
-

Configuration

Anti-abuse alerts

The app can write alerts to the logs when users send messages to a high number of recipients or sends a high number of messages for a short period of time. These events might indicate that the account is abused for sending spam messages.

To enable anti-abuse alerts, you'll have to set a few configuration options [via occ](#) .

```
# Turn alerts on
occ config:app:set mail abuse_detection --value=on

# Turn alerts off
occ config:app:set mail abuse_detection --value=off

# Alert when 50 or more recipients are used for one single message
occ config:app:set mail abuse_number_of_recipients_per_message_threshold --value=50

# Alerts can be configured for three intervals: 15m, 1h and 1d
# Alert when more than 10 messages are sent in 15 minutes
occ config:app:set mail abuse_number_of_messages_per_15m --value=10
# Alert when more than 30 messages are sent in one hour
occ config:app:set mail abuse_number_of_messages_per_1h --value=30
# Alert when more than 100 messages are sent in one day
occ config:app:set mail abuse_number_of_messages_per_1d --value=100
```

Attachment size limit

Admins can prevent users from attaching large attachments to their emails. Users will be asked to use link shares instead.

```
'app.mail.attachment-size-limit' => 3*1024*1024,
```

The unit is bytes. The example about with limit to 3MB attachments. The default is 0 bytes which means no upload limit.

Background sync interval

Configure how often Mail keeps users' mailboxes updated in the background in seconds. Defaults to 3600, minimum 300.

```
'app.mail.background-sync-interval' => 7200,
```

Disable TLS verification for IMAP/SMTP

Turn off TLS verification for IMAP/SMTP. This happens globally for all accounts and is only needed in edge cases like with email servers that have a self-signed certificate.

```
'app.mail.verify-tls-peer' => false
```

Google OAuth

This app can allow users to connect their Google accounts with OAuth. This makes it possible to use accounts without 2FA or app password.

1. [Create authorization credentials](#). You will receive a client ID and a client secret.
2. Open the Nextcloud settings page. Navigate to *Groupware* and scroll down to *Gmail integration*. Enter and save the client ID and client secret.

Local IMAP and SMTP servers

By default, Nextcloud does not allow local hostnames and IP addresses as remote servers. This includes IMAP, SMTP and Sieve servers like `localhost`, `mx.local` and `10.0.0.3`. This check can be disabled with via `config/config.php`.

```
'allow_local_remote_servers' => true,
```

Timeouts

Depending on your mail host, it may be necessary to increase your IMAP and/or SMTP timeout threshold. Currently IMAP defaults to 5 seconds and SMTP defaults to 20 seconds. They can be changed as follows:

IMAP timeout

```
'app.mail.imap.timeout' => 5
```

SMTP timeout

```
'app.mail.smtp.timeout' => 20
```

Sieve timeout

```
'app.mail.sieve.timeout' => 5
```

Use php-mail for sending mail

“ ”

Support for using php-mail was removed in version 4.4 of the mail app!

You can use the php-mail function to send mails. This is needed for some web hosters (1&1 (1und1)).

```
'app.mail.transport' => 'php-mail'
```

Account delegation

The Mail app supports account delegation if the delegation is handled by the mail server. That means the mail server has to accept emails sent from an alias address.

In mailcow, for example, the setting is called *Also allowed to send as user*.

“ ”

Unless paired with shared *Sent* mailboxes or handled otherwise by the mail server, sent messages will be stored in the sender's personal *Sent* mailbox.

Snooze and scheduled sending

“ ”

If AJAX is selected for cron job execution in the admin settings, the snooze feature and scheduled sending are deactivated because of unreliable execution.

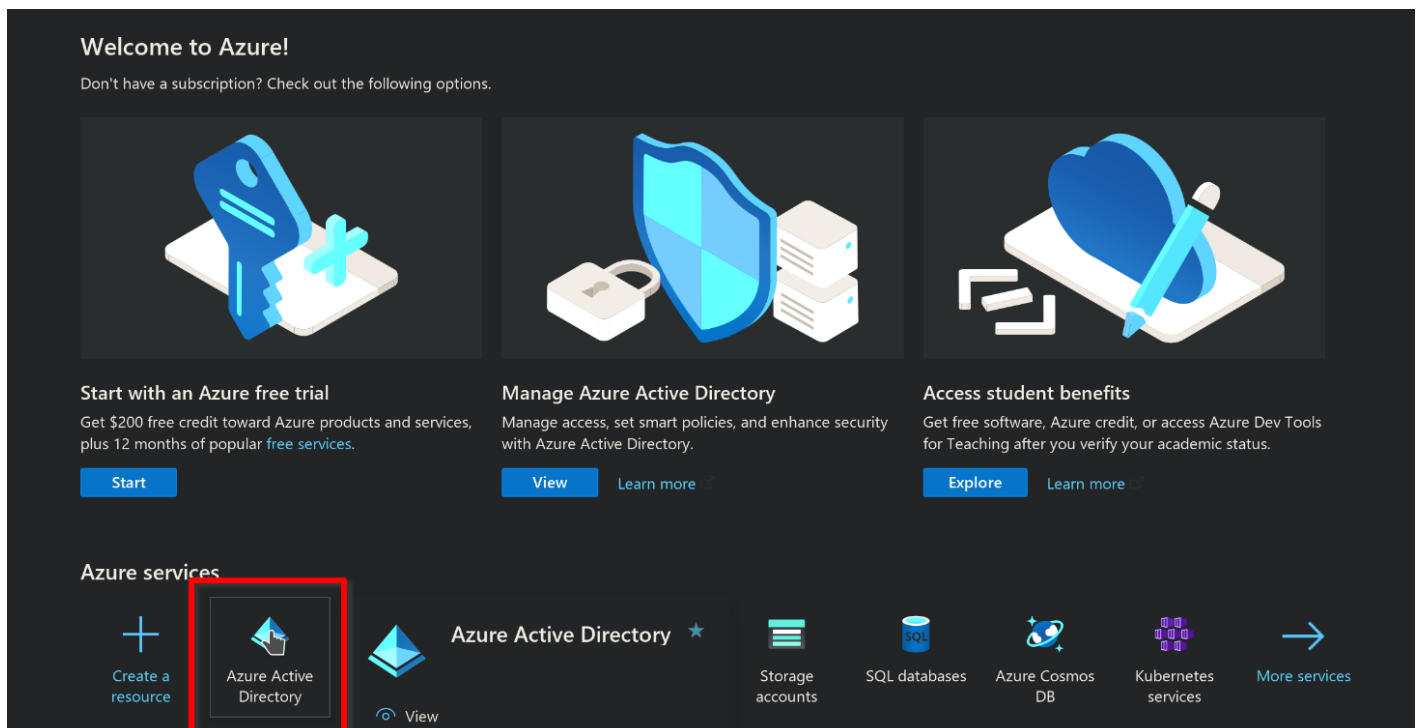
XOAUTH2 Authentication with Microsoft Azure AD

“New in version 3.0.0

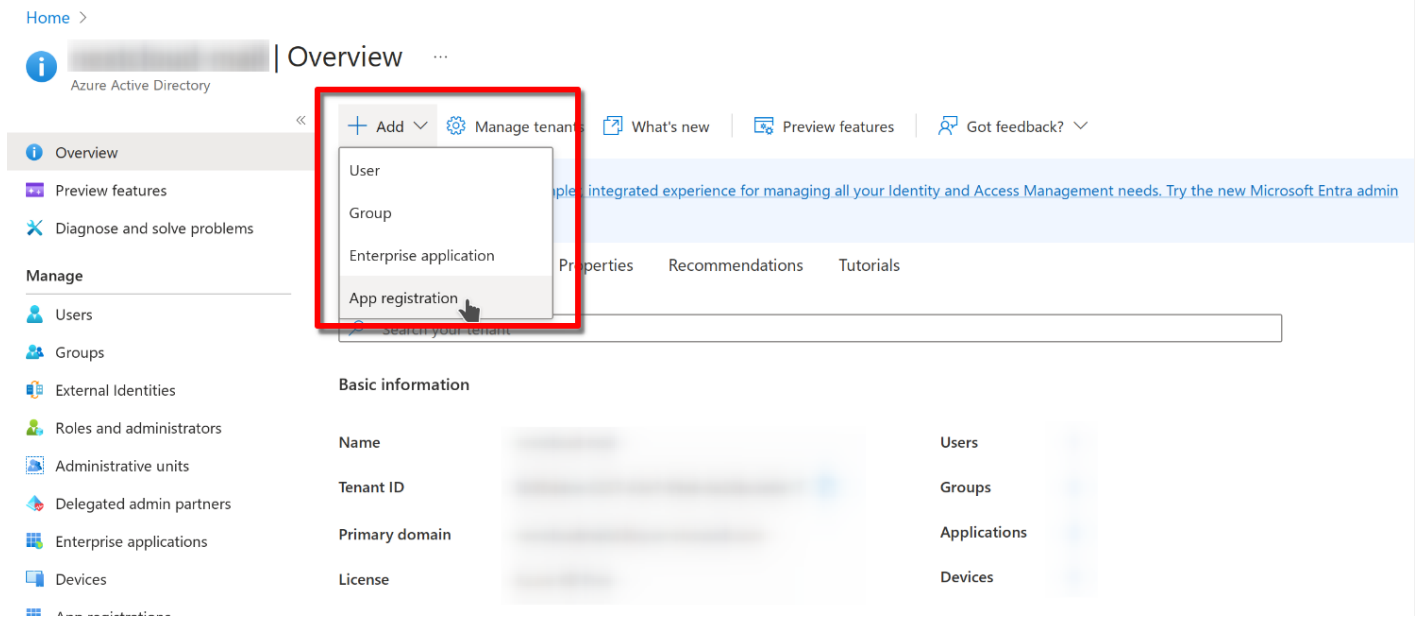
The Mail app supports XOAUTH2 authentication with hosted Microsoft Outlook accounts. An app has to be registered in the Microsoft Azure web interface and its credentials have to be supplied to the Nextcloud instance. You can find relevant settings in the Groupware section of the admin settings.

Step 1: Open the Azure AD Dashboard

Visit the [Azure portal](#) and navigate to the Azure AD dashboard.



Step 2: Create a new app registration



Chose a name, allow organizational and personal Microsoft accounts. Configure a web app and copy the redirect URI from the groupware settings of your Nextcloud instance. Have a look at step 8 on where to find the redirect URI. Finally, click on register to proceed.

Register an application ...

* Name

The user-facing display name for this application (this can be changed later).

my-mail-app ✓

Supported account types

Who can use this application or access this API?

- ☐ Accounts in this organizational directory only (nextcloud-mail only - Single tenant)
- ☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant)
- ☒ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
- ☐ Personal Microsoft accounts only

[Help me choose...](#)

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Web

https://localhost/master/index.php/apps/mail/integration/microsoft- ... ✓

**URL from Nextcloud Settings -> Groupware
-> Microsoft Integration**

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

By proceeding, you agree to the [Microsoft Platform Policies](#) ↗

Register

Step 3: Copy the client ID

This ID will be needed later for the Nextcloud settings.

my-mail-app

Search

«

Delete

Endpoints

Preview features

Overview

Quickstart

Integration assistant

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

Essentials

Display name
my-mail-app

Application (client) ID
195063cc-dbb9-46e2-85bd-45abbc7db972

Object ID

Directory (tenant) ID

Supported account types
[All Microsoft account users](#)

Client credentials
[Add a certificate or secret](#)

Redirect URIs
[1 web, 0 spa, 0 public client](#)

Application ID URI
[Add an Application ID URI](#)

Managed application in local directory
[my-mail-app](#)

Step 4: Create a new client secret

my-mail-app

Search

Delete Endpoints Preview features

Overview

Quickstart

Integration assistant

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

Essentials

Display name
my-mail-app

Application (client) ID
195063cc-dbb9-46e2-85bd-45abb7db972

Client credentials
Add a certificate or secret

Redirect URIs
1 web, 0 spa, 0 public client

Application ID URI
Add an Application ID URI

Managed application in local directory
my-mail-app

Supported account types
All Microsoft account users

Chose a descriptive name for the secret and set the an appropriate expiration date. Click on add to create the secret.

my-mail-app

Certificates & secrets

Got feedback?

Credentials enable confidential applications to identify themselves (using the HTTPS scheme). For a higher level of assurance, we recommend using certificates.

Application registration certificates, secrets and federated credentials

Certificates (0) **Client secrets (0)** Federated credentials

A secret string that the application uses to prove its identity when it requests tokens.

+ New client secret

Description Expires

No client secrets have been created for this application.

Add a client secret

Description **2.** nextcloud-mail

Expires Recommended: 180 days (6 months)

3. Add Cancel

Step 5: Copy the client secret

Copy the client secret manually or by clicking on the copy button. You can find it in the value column. The secret will also be needed later for the Nextcloud settings.

ly-mail-app

Certificates & secrets ✨ ...

×

🗨 Got feedback?

📘 Got a second to give us some feedback? →

×

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

📘 Application registration certificates, secrets and federated credentials can be found in the tabs below.

×

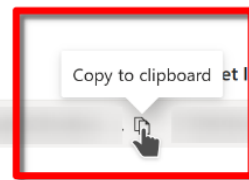
Certificates (0) Client secrets (1) Federated credentials (0)

Copy client secret

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value ⓘ	
nextcloud-mail	10/15/2023		Copy to clipboard et ID ... 📄 🗑



Step 6: Configure Nextcloud

Open the groupware settings in the Nextcloud admin settings and fill in the client ID and client secret. Leave the tenant ID as is (common). You can also find the redirect URI here. Click on save to proceed.

“ ”

Using a custom tenant ID is not covered by this guide. Only configure it if you are an expert and changed the supported account types in step 2.

Administration

Overview

Support

Basic settings

Sharing

Security

Theming

Groupware

Administration privileges

Activity

Notifications

Flow

Nextcloud Office

Built-in CODE Server

Logging

"Mark as Spam" Email Address*

"Mark Not Junk" Email Address*

Save

Reset

Gmail integration

Gmail allows users to access their email via IMAP. For security reasons this access is only possible with an OAuth 2.0 connection or Google accounts that use two-factor authentication and app passwords.
You have to register a new Client ID for a "Web application" in the Google Cloud console. Add the URL `https://localhost/master/index.php/apps/mail/integration/google-auth` as authorized redirect URI.

Client ID Client secret

Save

Unlink

Microsoft integration

Microsoft allows users to access their email via IMAP. For security reasons this access is only possible with an OAuth 2.0 connection.
You have to register a new app in the Microsoft Azure Active Directory portal. Add the URL `https://localhost/master/index.php/apps/mail/integration/microsoft-auth` as redirect URI.

Tenant ID (optional) Client ID Client secret

Unlink

Needs to be common!

Save

Step 7: Connect Microsoft Outlook accounts

Congratulations! You are now able to use hosted Microsoft Outlook accounts in the Mail app. Use your Microsoft account email and any password when adding your account. The password will be discarded and you will be prompted with a Microsoft consent popup to log in to your account.



Connect your mail account

Auto

Manual

Name

Microsoft Test

Mail address *

@outlook.com

Password

.....

✓ Connect





@outlook.com

NE

Let this app access your info?

unverified

nextcloud-mail needs your permission to:



Maintain access to data you have given nextcloud-mail access to

Allows nextcloud-mail to see and update the data you gave it access to, even when you are not currently using the app. This does not give nextcloud-mail any additional permissions.



Read and write access to your mail

nextcloud-mail will be able to read, update, create, and delete email in your mailbox. Does not include permission to send mail.



Access to sending emails from your mailbox

nextcloud-mail will be able to send email on your behalf from your mailbox.

Accepting these permissions means that you allow this app to use your data as specified in their terms of service and privacy statement. **The publisher has not provided links to their terms for you to review.** You can change these permissions at <https://microsoft.com/consent>.

Important: Only accept if you trust the publisher and if you downloaded this app from a store or website you trust. Microsoft is not involved in licensing this app to you.

No

Yes



Mailbox Share

Users can share mailboxes with each other. So far, there is no UI for users to change the ACL in the Mail app, but if you want to use it, you need to enable it on the IMAP sever and configure the shares there.

User Interface Preference Defaults

“ New in version 5.2: Nextcloud 30 or newer

The Mail app allows administrators to set default user interface preferences for all users, these preferences can be changed by the user afterwards. This can be useful to ensure a consistent experience across the application.

User Interface Preference Defaults

These settings are used to pre-configure the user interface preferences they can be overridden by the user in the mail settings

Message View Mode

- ☐ Show all messages in thread
- ☒ Show only the selected message

LLM Processing

The Mail app can optionally use large language models to process emails and offer assistance features like thread summaries, smart replies, event agendas and follow-up reminders.

“

The supported languages depend on the used large language model.

“

A fast text processing integration like

https://apps.nextcloud.com/apps/integration_openai is required for best results.

The feature can be enabled in the Mail administration settings.

Administration settings > Groupware > Mail app > Enable text processing through LLMs

Thread Summary

“ *Changed in version 3.6.0:* Nextcloud 26 or newer This configuration option was merged into [LLM Processing](#)

The mail app supports summarizing message threads that contain 3 or more messages.

“ □

[A text generation AI integration](#) should be already in place to enable this feature.

The feature is opt-in, it is disabled by default and can be enabled in mail administration settings.

Administration settings > Groupware > Mail app > Enable thread summary

Follow-up reminders

“ *New in version 4.0:* Nextcloud 30 or newer

The Mail app will automatically remind users when their outgoing emails remain unanswered for multiple days. Each sent email will be analyzed by an AI to check whether a reply is expected.

The feature can be enabled through the global [LLM Processing](#) setting.

Translation

“ *New in version 4.2:* Nextcloud 30 or newer

The mail app can optionally provide translations for messages if the [translation API](#) is enabled.

User migration

“ *New in version 5.9:* Nextcloud 30 or newer

“ □

The [User Migration App](#) must be installed and enabled on both instances.

To migrate user data from one Nextcloud instance to another, use the User Migration App via the `occ user:export` or `occ user:import` command line tool.

The Mail app can migrate the following data:

- Manually added mail accounts and their respective account settings (e.g., display name, signature, quick actions, ...)
- Configured internal addresses
- Configured trusted senders
- S/MIME certificates and private keys
- General app settings like the order of mail accounts

“ □

Provisioned mail accounts are not migrated, as they are expected to be re-provisioned on the new instance.



The User Migration App is **not** a backup solution, as existing data is not being removed before the import process.

See the [User Migration App](#) on the Nextcloud App Store for more information.

 #3

 cocobook-sync  2026-10-28 16:29:59 UTC

 cocobook-sync  2026-10-29 01:09:25 UTC