Mailit: OAuth for IMAP / POP / SMTP (Application) — Server-Side — Quick Start

Mailit Documentation

Version for Mailit 11

1 OAuth for IMAP / POP / SMTP (Application) — Server-Side

This guide explains how to configure background mail processing via IMAP/SMTP using Application permissions. No user is involved.

Step 1: Prepare your account (Administrator)

You are performing this setup as a Microsoft 365 administrator. Verify that SMTP AUTH is enabled for the target mailbox in Exchange Online.

Step 2: Register the application

Create a **New registration**. Use **Single tenant**, leave the Redirect URI blank, and name it `Mailit Service`. Copy the **Application (client) ID** and **Directory (tenant) ID**. Create a **Client Secret** and copy its value.

Step 3: Add application permissions

Go to **API permissions** → **Add a permission** → **APIs my organization uses** → **Office 365 Exchange Online** → **Application permissions**. Add `IMAP.AccessAsApp`, `POP.AccessAsApp` (if needed), and `SMTP.SendAsApp`. Click **Grant admin consent**.

Step 4: Register Service Principal in Exchange Online (Critical)

Entra ID permissions are not enough. You must register the service principal and grant it access to the target mailbox via PowerShell:

```
# Connect to Exchange Online
Connect-ExchangeOnline

# Register the Service Principal
# Note: ServiceId is the Object ID of the Enterprise Application in Entra ID
    .
New-ServicePrincipal -AppId "YOUR-CLIENT-ID" -ServiceId "YOUR-OBJECT-ID" -
    DisplayName "Mailit Service"

# Grant access to the target mailbox (User is the AppId, not an email)
Add-MailboxPermission -Identity "target@company.com" -User "YOUR-CLIENT-ID"
    -AccessRights FullAccess
```

Step 5: Configure OAuth in Mailit

Open `Simple Receiving.fmp12`, select **IMAP**, and choose **OAuth**.

- Select the `Microsoft Mail (Application)` preset.
- Enter the Client ID and Client Secret Value.
- On the **Additional Settings** tab, replace `{tenant}` with your Directory (tenant) ID.
- Enter the target mailbox email in **User Name**.

Step 6: Test receiving and sending

Ensure the **Mailit Assets** folder is installed. No browser login is required. Click **Test Connection**, then **Get Mail**. Use the same preset for sending.

If something goes wrong

If you encounter an error, check the following common issues:

- `AADSTS50011` — Redirect URI mismatch. Ensure it is exactly `http://localhost:1234/oauth/` and has a trailing slash.
- `invalid_scope` — Scopes in Mailit do not match the permissions in Microsoft Entra. Check against section 4.4.
- `invalid_grant` — Refresh token revoked or expired. Re-authorize via the browser.
- `invalid_client` — Client Secret issue. Check the secret value and `OAuth Add Secret To Request` setting.
- `localhost` unreachable — Check that the Mailit Assets folder is installed, port 1234 is free, and FileMaker is running.
- `unauthorized_client` — Check that the app is registered as Single tenant and admin consent has been granted.

For more details, refer to **section 15 (Troubleshooting)** in the Microsoft manual.