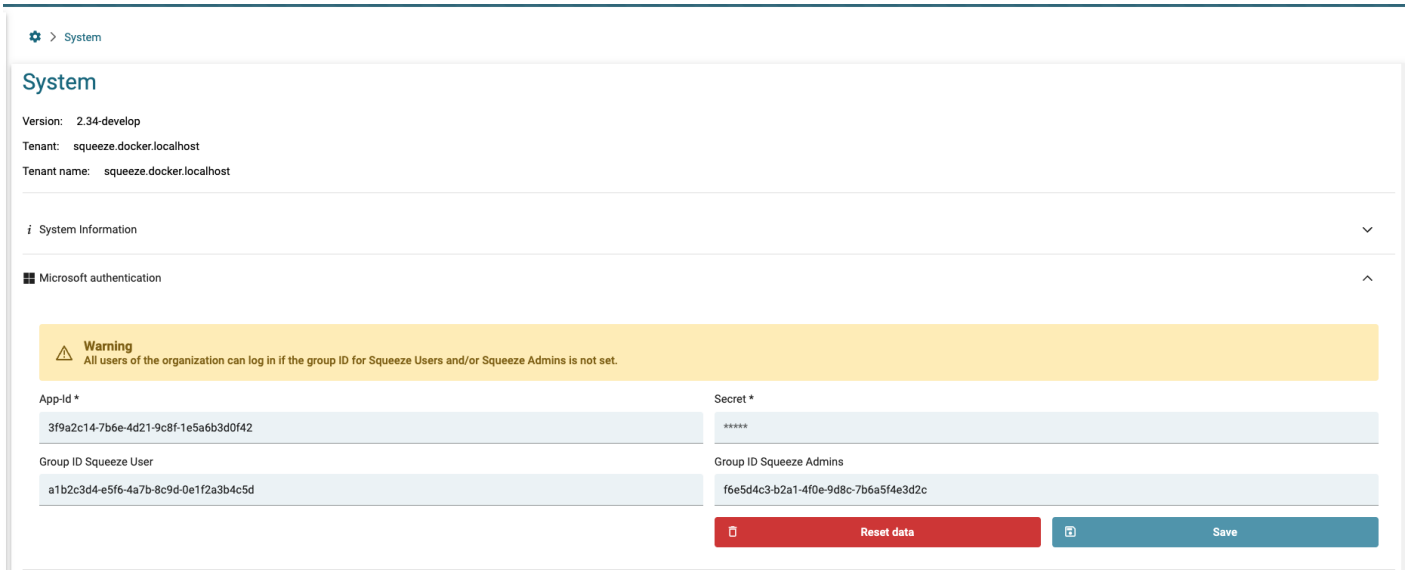
Login with Microsoft – User Provisioning and Groups

This page supplements Login with Microsoft (registering the Azure/Entra app, client ID and secret) and describes **how users are provisioned automatically on Microsoft login** and **what the two fields "Group ID Squeeze User" and "Group ID Squeeze Admins" are for**.

Configuration is done in Squeeze under *System → Microsoft authentication*:



Automatic user provisioning

Automatic provisioning is **active** for Microsoft login: when a user signs in who does **not** yet exist in Squeeze, the Squeeze account is **created automatically**. Users therefore do **not** need to be created manually in Squeeze beforehand.

Matching is done via the **email address** from the Microsoft profile. If a Squeeze user with that email already exists, it is reused and updated; otherwise a new user is created.

Requirements in the Microsoft profile

For a user to be **created automatically**, the following fields must be populated in the Microsoft Entra / Azure AD profile:

Microsoft field	Squeeze field

`mail` (email)	Login / email
`givenName` (first name)	First name
`surname` (last name)	Last name

> **Important:** If one of these fields is missing in the Microsoft profile, **automatic creation** fails with an error (e.g. "*No firstname for the user.*", "*No lastname for the user.*" or "*No email address defined for the user.*"). Login then only works for users that were **created manually** in Squeeze beforehand — because for existing users the creation step is skipped.
>
> Many tenants only populate `displayName` by default, but not `givenName` / `surname`. In that case, check the user profiles in Microsoft Entra ID.

Configuration fields

The "Microsoft authentication" settings dialog contains four fields:

Field	Content	Format
App-Id	Application (client) ID of the Azure/Entra app	GUID, e.g. `3f9a2c14-7b6e-4d21-9c8f-1e5a6b3d0f42`
Secret	Client secret *value* (not the secret ID!)	~40 characters
Group ID Squeeze User	Object ID of a security group	GUID
Group ID Squeeze Admins	Object ID of a security group	GUID

> **App-Id:** use the **application (client) ID** of the app — not the **directory (tenant) ID**.
>
> **Secret:** enter the secret ***value*** (the long string) in Squeeze, not the *secret ID*. After saving, the secret can no longer be viewed.

Group configuration

Both group fields expect the **object ID (GUID) of a security group** from Microsoft Entra ID — **not** the group name.

Field	Effect
Group ID Squeeze User	Members may log in and receive a regular Squeeze account.
Group ID Squeeze Admins	Members may log in **and** are additionally granted the administrator role (`root`).

Behavior depending on configuration

- **Both fields empty:** the group check is **skipped** — **any** user of the organization can log in. This is exactly what the warning in the dialog points out: "*All users of the organization can log in if the group ID for Squeeze Users and/or Squeeze Admins is not set.*" No one is granted the admin role automatically.
- **At least one field set:** only members of the configured group(s) may log in. If a user is in neither group, login is rejected with "*You are not a member of an authorized group.*"
- **Group ID Squeeze Admins set:** members of this group are automatically granted the `root` role on login. This assignment is additive — a role already granted is not revoked on login.

> **Note on the object ID:** you can find the required GUID in Microsoft Entra ID under *Groups → <group> → Object ID*.

Roles of automatically created users

- **Admins** (members of the admin group) are automatically granted the `root` role.
- **Regular users** are created without an assigned role. To be able to work, they must subsequently be assigned a suitable role (e.g. via user management or a group/role assignment). Without a role a user can log in but cannot work meaningfully in the system — which can give the impression that login "does not take effect".

Troubleshooting

Symptom	Likely cause
Login only works for users created **manually** beforehand	Missing profile fields (`givenName` / `surname` / `mail`) in the Microsoft profile → automatic creation fails
Error "*You are not a member of an authorized group.*"	User is in none of the configured groups
User is created but cannot do anything	Regular user without an assigned role → assign a role afterwards

Symptom	Likely cause
Error "*No firstname/lastname/email ...*"	The corresponding field is not populated in the Microsoft profile

Revision #6
Created 2026-08-06 09:22:33 UTC by Florian Vick
Updated 2026-08-06 09:30:28 UTC by Florian Vick