Technical manual
Configure O365 Msgraph and OAuth2

Contents

1. Introduction

Traditionally loopMeeting (LM) is using the EWS API with basic authentication for integration with Exchange 2010, 2013, 2016 and 2019. Using https (TLS1.2) protocol.

However, for Office 365 Microsoft has announced that they will not continue developing features for EWS API and retire support for basic authentication. Their focus going forward on O365 is their new MSgraph API and OAuth2 authentication.

According to Microsoft announcement April 2020 Microsoft will retire basic authentication for EWS in Office 365 sometime in second half of 2021. However, if you have never used the basic authentication it will be disabled by default and enforce you to use OAuth2.

https://techcommunity.microsoft.com/t5/exchange-team-blog/basic-authentication-and-exchange-online-april-2020-update/ba-p/1275508

This document will show you how to enable and use loopMeeting with MSgraph API and OAuth2.

2. Prerequisites

Register a management account at https://loopmeeting.no/registration.php

You will need to have your O365 administrator to register the LoopMeeting application in AzureAD and add the service account as a user to the application.
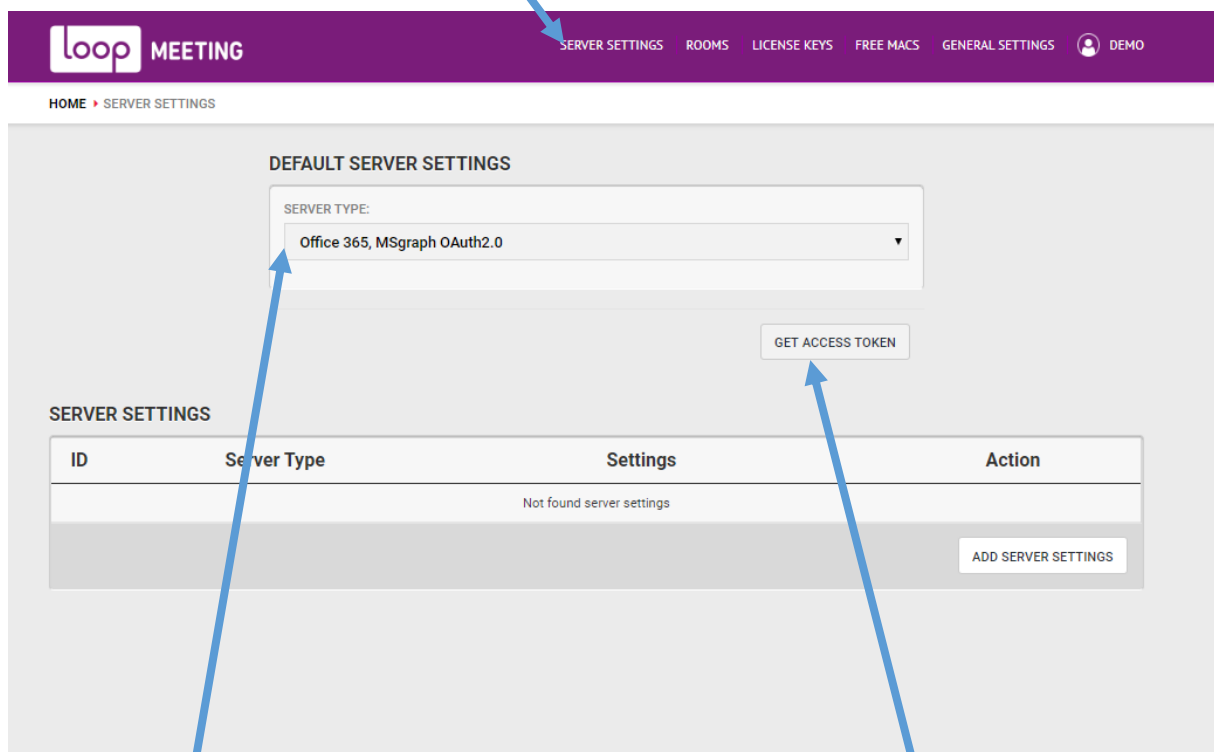
3. Register LoopMeeting application

For LoopMeeting to be able to work it needs to be registered as an enterprise application.

The easiest way to do so is thru the Central Configuration console.
Log on to the console https://loopmeeting.no/admin/
If you do not have an account, please create an account.

Select "Server Settings" in the top menu

In the "Server Type" dropdown, select "Office 365, MSgraph OAuth 2.0"

Then click the "Get Access Token" button

Important:
When it is the first time you get the access token the Application will be registered
Log on with an administrative account that has the right to register an Enterprise Application.

Microsoft

Tillatelser forespurt

LoopMeeting
loop24.no

Dette programmet er ikke publisert av Microsoft eller organisasjonen din.

Denne appen ønsker å:

⌄ Maintain access to data you have given it access to

⌄ Sign in and read user profile

⌄ Read all users' full profiles

⌄ Read and write all users' full profiles

⌄ Read user mail

⌄ Read user calendars

⌄ Have full access to user calendars

⌄ Read and write user and shared calendars

☑ Gi samtykke på vegne av organisasjonen

Hvis du godtar, får denne appen tilgang til de angitte ressursene for alle brukere i organisasjonen din. Ingen andre blir spurt om å gjennomgå disse tillatelsene.

Ved å godta disse tillatelsene tillater du at denne appen kan bruke dataene som angitt i vilkårene for bruk og personvernerklæringen. Du kan endre disse tillatelsene på https://myapps.microsoft.com.
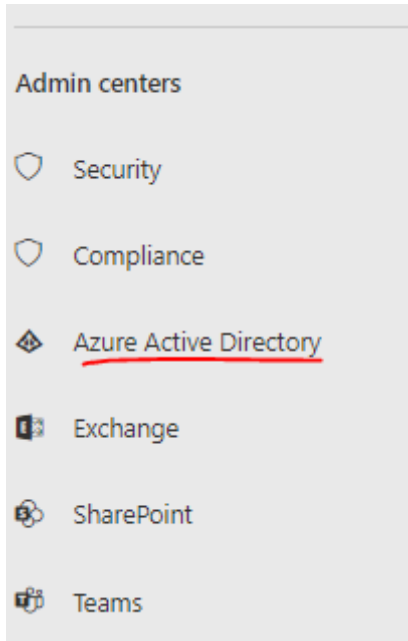Vis detaljer

| Avbryt | Godta |

Accept the application registration.

Now you need to add the service account as a user for LoopMeeting Enterprise Application.
Log into the Office365 admin console with a O365 administrator account.
https://admin.microsoft.com/AdminPortal/Home

In the left side menu - click "Show All", then select "Azure Active Directory"

Admin centers

♡ Security

♡ Compliance

◈ Azure Active Directory

▦ Exchange

⬢ SharePoint

▦ Teams

After opening a new console, select «Enterprise Applications» in the left menu

▣ Dashboard

☰ All services

★ FAVORITES

◈ Azure Active Directory

👤 Users

▦ Enterprise applications
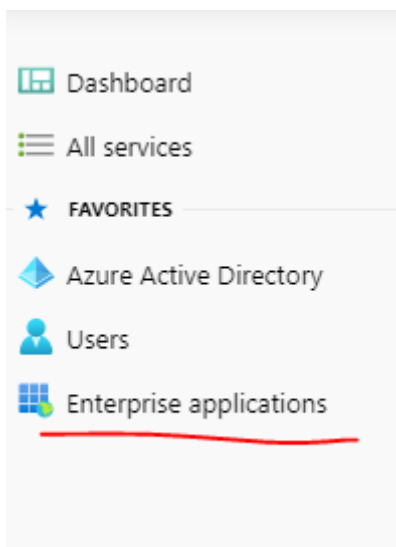
- Select «LoopMeeting» application in the list of applications

LoopMeeting   https://loopmeeting.no/admin/index.php
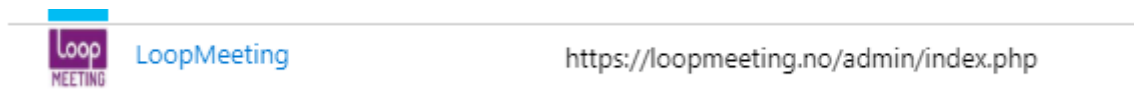
- Select "Users and groups" in the left menu
- Add User
- Select the service account(s) to be used with LoopMeeting and assign.

4. Configure central config
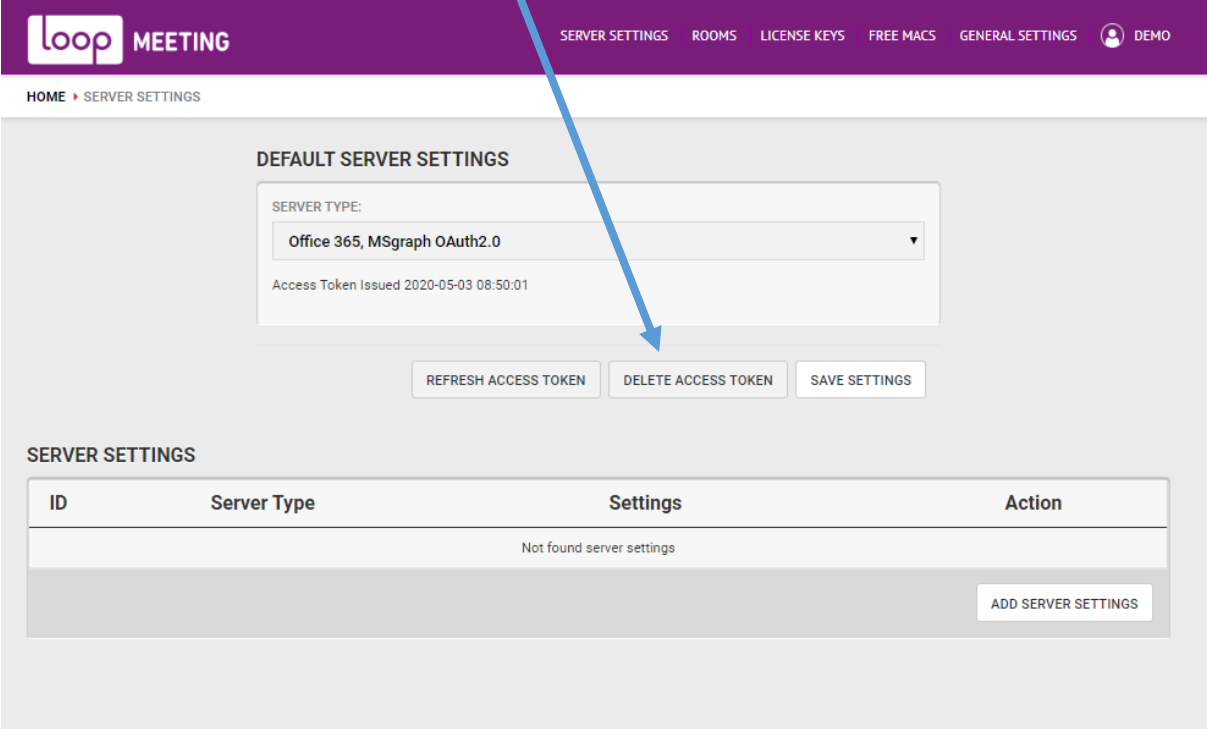
After finalizing the steps in section 3 (This only need to be done once) you are ready to configure LoopMeeting central Config settings.

Make sure you have closed all Microsoft O365 Web pages / logged out of the O365 Administration console.

Log in to Central config with the previous created account.
https://loopmeeting.no/admin/

Select in server settings, press «Delete Access Token»

Then press the "Get Access Token" button

Make sure you now log in as the Service Account user that you want to use.

After login is OK, press "Save Settings" to get updated room list and continue with your configuration. Ref. How to use central config from our support site.
https://loopmeeting.no/support/