

How to configure Toad to use Auth for sending SMTP Emails

To configure Toad to use SMTP Emails we need to get the main data from the following third parties:


- Azure Portal where we register our application.
- O365 Admin Center with at least one O365 License E5 where we register the O365 user.
- Microsoft Exchange to configure our settings at a higher level.

1. First, we register our application in Azure Portal | App Registration.

^ Essentials

Display name toadmail	Client credentials 0 certificate, 1 secret
Application (client) ID d41b4835-027d-4efd-99be-82607a675c5c	Redirect URIs 0 web, 0 spa, 2 public client
Object ID 6acca76c-674c-4d2f-8484-851bba5a707e	Application ID URI Add an Application ID URI
Directory (tenant) ID 3bd4027d-1932-4f3b-889a-e31dd00f78af	Managed application in local directory toadmail
Supported account types My organization only	

Home > App registrations > toadmail

 **toadmail | Authentication**

Search

Got feedback?

The URLs we will accept as destinations when returning authentication responses (tokens) after successful login. The URLs in the request to the login server should match one listed here. Also referred to as reply URLs. [Learn more](#)

- ☒ <https://login.microsoftonline.com/common/oauth2/nativeclient>
- ☐ https://login.live.com/oauth20_desktop.srf (LiveSDK)
- ☐ msal41b4835-027d-4efd-99be-82607a675c5c/auth (MSAL only)

<https://questmail.onmicrosoft.com>

[Add URI](#)

Supported account types

Who can use this application or access this API?

- ☒ Accounts in this organizational directory only (MS-Lab only - Single tenant)
- ☐ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)

Home > App registrations > toadmail

toadmail | Certificates & secrets

Search

Got feedback?

Overview

Quickstart

Integration assistant

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable 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)

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	Secret ID
toadsecret	2/10/2025	EWR*****	ef59d2ea-bde9-

Home > App registrations > toadmail

toadmail | API permissions

Search

Refresh

Got feedback?

Overview

Quickstart

Integration assistant

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Owners

Roles and administrators


Manifest

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should all the permissions the application needs. [Learn more about permissions and consent](#)




Add a permission Grant admin consent for MS-Lab

API / Permissions name	Type	Description	Admin consent req...	Status
Microsoft Graph (6)				
email	Delegated	View users' email address	No	Granted for MS-Lab
IMAP.AccessAsUser.All	Delegated	Read and write access to mailboxes via IMAP.	No	Granted for MS-Lab
offline_access	Delegated	Maintain access to data you have given it access to	No	Granted for MS-Lab
openid	Delegated	Sign users in	No	Granted for MS-Lab
SMTP.Send	Delegated	Send emails from mailboxes using SMTP AUTH.	No	Granted for MS-Lab
User.Read	Delegated	Sign in and read user profile	No	Granted for MS-Lab
Office 365 Exchange Online (3)				
full_access_as_app	Application	Use Exchange Web Services with full access to all mailbox...	Yes	Granted for MS-Lab
Mail.Send	Application	Send mail as any user	Yes	Granted for MS-Lab
SMTP.SendAsApp	Application	Application access for sending emails via SMTP AUTH	Yes	Granted for MS-Lab

2. In the O365 Admin Center, let's go to create the user (toad in this case) that will use the application.



toad

 Reset password  Block sign-in  Delete user

[Change photo](#)

Account

Devices

Licenses and apps

Mail

OneDrive

Username and email
toad@questmail.onmicrosoft.com
[Manage username and email](#)

Aliases
[Manage username and email](#)

Last sign-in
[View last 30 days](#)


Sign-out ⓘ
Sign this user out of all Microsoft 365 sessions.
[Sign out of all sessions](#)

Alternate email address
None provided
[Add address](#)




Groups
[Manage groups](#)

Roles
Exchange Administrator
Global Administrator
[Manage roles](#)

Manager
None provided
[Add manager](#)



toad

 Reset password  Block sign-in  Delete user

[Change photo](#)

Account

Devices

Licenses and apps

Mail

OneDrive

Mailbox storage[Learn more about mailbox storage quotas](#)

Mailbox permissions
[Read and manage permissions \(0\)](#)
[Send as permissions \(0\)](#)

Email apps
All apps allowed
[Manage email apps](#)

Select these options and save the changes.

Manage email apps

Choose the apps where toad can access Microsoft 365 email.

- ☒ Outlook on the web
- ☒ Outlook desktop (MAPI)
- ☒ Exchange web services
- ☒ Mobile (Exchange ActiveSync)
- ☒ IMAP
- ☒ Pop
- ☒ Authenticated SMTP

3. In Exchange Admin Center | Settings, make sure the Mail Flow has the settings below at the organization level.

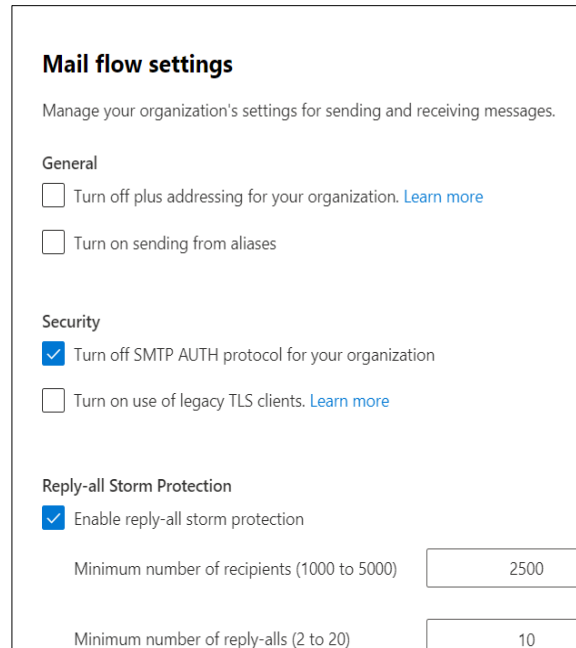
Exchange admin center

Home > Settings

Settings

Name	Description
List view preference	Select normal view or compact view as your preferred list view setting.
Mail flow	Manage your organization's settings for sending and receiving messages
Hybrid setup	Connect and manage both your on-premises and Exchange Online organizations.

Select these options and save the changes.



Mail flow settings

Manage your organization's settings for sending and receiving messages.

General

- ☐ Turn off plus addressing for your organization. [Learn more](#)
- ☐ Turn on sending from aliases

Security

- ☒ Turn off SMTP AUTH protocol for your organization
- ☐ Turn on use of legacy TLS clients. [Learn more](#)

Reply-all Storm Protection

- ☒ Enable reply-all storm protection

Minimum number of recipients (1000 to 5000)	2500
Minimum number of reply-alls (2 to 20)	10

4. At this point Microsoft Documentation states that the application registered has to interface and use the SMTP server.

This refers to the setting from the **MS Entra ID | Enterprise Application registration**, NOT from App Registration.

To do this it's necessary to run these PowerShell commands in the order below:

NOTE:

The **OBJECT_ID** is the Object ID from the Overview page of the Enterprise Application node (Azure Portal) for the application registration.

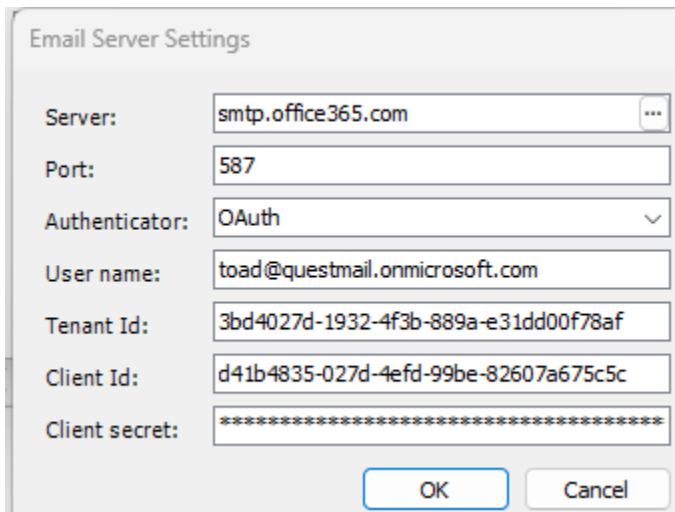
It is not the Object ID from the Overview page of the App Registrations node. **Using the incorrect Object ID will cause an authentication failure.**

New-ServicePrincipal -AppId d41b4835-027d-4efd-99be-82607a675c5c -
ObjectId 779826e8-397c-4c74-b3a5-c874c82ed4af ← **This is the
Object_ID from Enterprise Application**

Add-MailboxPermission -Identity "toad@questmail.onmicrosoft.com" -User
d41b4835-027d-4efd-99be-82607a675c5c -AccessRights FullAccess
Get-ServicePrincipal | fl

Set-CASMailbox -Identity toad@questmail.onmicrosoft.com -
SmtpClientAuthenticationDisabled \$false
Get-CASMailbox -Identity toad@questmail.onmicrosoft.com | Format-List
SmtpClientAuthenticationDisabled

5. In Toad Data Point (this example), let's set the email server specification (TenantID, ObjectID, and Secret_key).



The image shows a dialog box titled "Email Server Settings". It contains several input fields and a dropdown menu. The fields are labeled "Server:", "Port:", "Authenticator:", "User name:", "Tenant Id:", "Client Id:", and "Client secret:". The "Server:" field contains "smtp.office365.com". The "Port:" field contains "587". The "Authenticator:" field is a dropdown menu showing "OAuth". The "User name:" field contains "toad@questmail.onmicrosoft.com". The "Tenant Id:" field contains "3bd4027d-1932-4f3b-889a-e31dd00f78af". The "Client Id:" field contains "d41b4835-027d-4efd-99be-82607a675c5c". The "Client secret:" field contains a series of asterisks. At the bottom right of the dialog box are two buttons: "OK" and "Cancel".

Field	Value
Server:	smtp.office365.com
Port:	587
Authenticator:	OAuth
User name:	toad@questmail.onmicrosoft.com
Tenant Id:	3bd4027d-1932-4f3b-889a-e31dd00f78af
Client Id:	d41b4835-027d-4efd-99be-82607a675c5c
Client secret:	*****

Even if there is something small issue to define, the email is sent and received in my inbox.