

Necessary MS Azure cloud configurations

After logging into your MS Azure cloud, follow the following steps:

Register and configure an "app" for translate5 in Azure ActiveDirectory

The image consists of two screenshots from the Microsoft Azure portal, illustrating the steps to reach the App Registrations page.

Top Screenshot: Shows the Azure portal dashboard. The left-hand navigation pane lists various services. A red arrow points from the text "Click on 'Azure Active Directory'" to the "Azure Active Directory" link in the navigation pane. Another red arrow points from the text "Click on 'App registrations'" to the "App registrations" link in the left-hand navigation pane of the second screenshot.

Bottom Screenshot: Shows the "Default Directory - Overview" page. The left-hand navigation pane lists various management options. A red arrow points from the text "Click on 'App registrations'" to the "App registrations" link in the navigation pane. The main content area displays the "Default Directory" overview, including a sign-in graph and a "What's new in Azure AD" section.

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Register an application

Register an application

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

Marc's Translate5

Supported account types
Who can use this application or access this API?

☐ Accounts in this organizational directory only (Default Directory)

☐ Accounts in any organizational directory

☒ Accounts in any organizational directory and personal Microsoft accounts (e.g. Skype, Xbox, Outlook.com)

[Help me choose...](#)

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

Register

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marc's Translate5 - Authentication

Marc's Translate5 - Authentication

Click on "Authentication"

Enter the URL of your translate5 instance including protocol and "/login" as redirect URL for Azure

Redirect URIs
The URIs that we will accept as destinations when returning authentication responses (tokens) after successfully authenticating users. Also referred to as reply URLs.
[Learn more about adding support for web, mobile and desktop clients](#)

TYPE	REDIRECT URI
Web	https://marc.translate5.net/login
Web	e.g. https://myapp.com/auth

Suggested Redirect URIs for public clients (mobile, desktop)
If you are using the Microsoft Authentication Library (MSAL) or the Active Directory Authentication Library (ADAL) to build applications for desktop or mobile devices, you may select from the suggested Redirect URIs below or enter a custom redirect URI above. For more information, refer to the library documentation.

- ☐ msale9bf7868-fb6a-4c2a-a2f1-db0414ef0dff://auth (MSAL only)
- ☐ https://login.microsoftonline.com/common/oauth2/nativeclient
- ☐ https://login.live.com/oauth20_desktop.srf (LiveSDK)

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marcs Translate5 - Authentication

Marcs Translate5 - Authentication

Still in the "Authentication" section, scroll down to "Advanced settings"

Save Discard Try out the new experience Got feedback?

msal9b7f868-fb6a-4c2a-a2f1-d0414ef0dff (MSAL only)

☐ https://login.microsoftonline.com/common/oauth2/nativeclient

☐ https://login.live.com/oauth20_desktop.srf (LiveSDK)

Advanced settings

Check the "ID tokens" checkbox

Logout URL

Implicit grant

Allows an application to request a token directly from the authorization endpoint. Recommended only if the application has a single page architecture (SPA), has no backend components, or invokes a Web API via JavaScript.

To enable the implicit grant flow, select the tokens you would like to be issued by the authorization endpoint:

☐ Access tokens

☒ ID tokens

Overview Quickstart Manage Branding Authentication Certificates & secrets API permissions Expose an API Owners Manifest Support + Troubleshooting Troubleshooting New support request

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marcs Translate5

Marcs Translate5

Click on "Certificates & secrets"

Delete Endpoints

Display name: Marcs Translate5

Supported account types: All Microsoft account users

Application (client) ID: e9b7f868-fb6a-4c2a-a2f1-d0414ef0dff

Redirect URIs: Add a Redirect URI

Directory (tenant) ID: 2c1857d3-4523-41c8-b20c-2c82926370d3

Managed application in local directory: Marcs Translate5

Object ID: 903df837-d0e7-4e4c-8402-6f98801b7f83

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

Call APIs

Build more powerful apps with rich user and business data from Microsoft services and your own company's data.

Documentation

- Microsoft identity platform
- Authentication scenarios
- Authentication libraries
- Code samples
- Microsoft Graph
- Glossary
- Help and Support

Overview Quickstart Manage Branding Authentication Certificates & secrets API permissions Expose an API Owners Manifest Support + Troubleshooting Troubleshooting New support request

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marcs Translate5 - Certificates & secrets

Marcs Translate5 - Certificates & secrets

Overview
Quickstart
Manage
Branding
Authentication
Certificates & secrets
API permissions
Expose an API
Owners
Manifest
Support + Troubleshooting
Troubleshooting
New support request

Credentials enable 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.

Certificates

Certificates can be used as secrets to prove the application's identity when requesting a token. Also can be referred to as public keys.

[Upload certificate](#)

THUMBPRINT	START DATE	EXPIRES
No certificates have been added for this application.		

Client secrets

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](#)

Click on "New client secret" to create a password for use for the OpenID translate5 connection

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marcs Translate5 - Certificates & secrets

Marcs Translate5 - Certificates & secrets

Overview
Quickstart
Manage
Branding
Authentication
Certificates & secrets
API permissions
Expose an API
Owners
Manifest
Support + Troubleshooting
Troubleshooting
New support request

Add a client secret

Description: Secret passphrase for the translate5 connection

Expires: ☐ In 1 year ☐ In 2 years ☒ Never

[Add](#) [Cancel](#)

Client secrets

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](#)

Enter a description, that makes sense to you

Enter an expiration time, that makes sense to you

Click on "Add"

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marcs Translate5 - Certificates & secrets

Marcs Translate5 - Certificates & secrets

Copy the new client secret value. You won't be able to retrieve it after you leave this blade.

Upload certificate

THUMBPRINT	START DATE	EXPIRES
No certificates have been added for this application.		

Client secrets

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 passphrase for the translate5 c...	12/31/2299	Ftm*QqqDAtbi4KP*x]Kw26_cN42ioC53

Copy the passphrase and temporarily put it into some text file for later use in translate5 - you will not be able to copy it later on any more.

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marcs Translate5 - Certificates & secrets

Marcs Translate5 - Certificates & secrets

Copy the new client secret value. You won't be able to retrieve it after you leave this blade.

Upload certificate

THUMBPRINT	START DATE	EXPIRES
No certificates have been added for this application.		

Client secrets

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 passphrase for the translate5 c...	12/31/2299	Ftm*QqqDAtbi4KP*x]Kw26_cN42ioC53

Click on "Manifest" to change the definitions of the App

Microsoft Azure

Search resources, services, and docs

Home > Default Directory - App registrations > Marcs Translate5 - Manifest

Marcs Translate5 - Manifest

Find "appRoles" in the manifest and replace it with the following JSON snippet

Save Discard Upload Download

The editor below allows you to update this application by directly modifying its JSON representation. For more details, see: [Understanding the Azure Active Directory application manifest.](#)

```
1 {
2   "id": "903df837-d0e7-4e4c-8402-6f98801b7f83",
3   "acceptMappedClaims": null,
4   "accessTokenAcceptedVersion": 2,
5   "addIns": [],
6   "allowPublicClient": null,
7   "appId": "e9bf7868-fb6a-4c2a-a2f1-db0414ef0dff",
8   "appRoles": [],
9   "oauth2AllowUrlPathMatching": false,
10  "createdDateTime": "2019-05-04T16:04:00Z",
11  "groupMembershipClaims": null,
12  "identifierUris": [],
13  "informationalUris": {
14    "termsOfService": null,
15    "support": null,
16    "privacy": null,
17    "marketing": null
18  },
19  "keyCredentials": [],
20  "knownClientApplications": [],
21  "logoUrl": null,
22  "logoutUrl": null,
```

For more available system roles than used in below snippet, please see this page: [System roles](#)

```
"appRoles": [
  {
    "allowedMemberTypes": [
      "User"
    ],
    "description": "TermSearch users can use TermSearch in translate5 TermPortal.",
    "displayName": "TermSearch user in translate5 TermPortal",
    "id": "d1c2ade8-98f8-45fd-aa4a-6d06b947c66f",
    "isEnabled": true,
    "lang": null,
    "origin": "Application",
    "value": "termCustomerSearch"
  },
  {
    "allowedMemberTypes": [
      "User"
    ],
    "description": "InstantTranslate users can use InstantTranslate in translate5.",
    "displayName": "InstantTranslate user in translate5",
    "id": "d2c2ade8-98f8-45fd-aa4a-6d06b947c66f",
    "isEnabled": true,
    "lang": null,
    "origin": "Application",
    "value": "instantTranslate"
  },
  {
    "allowedMemberTypes": [
      "User"
    ],
    "description": "PMs have project manager rights in translate5.",
    "displayName": "translate5 PM",
    "id": "d3c2ade8-98f8-45fd-aa4a-6d06b947c66f",
    "isEnabled": true,
    "lang": null,
    "origin": "Application",
    "value": "pm"
  },
  {
    "allowedMemberTypes": [
      "User"
    ],
    "description": "Editor users have basic login and edit rights in translate5.",
```

```
    "displayName": "translate5 editor",
    "id": "d4c2ade8-98f8-45fd-aa4a-6d06b947c66f",
    "isEnabled": true,
    "lang": null,
    "origin": "Application",
    "value": "editor"
  },
  {
    "allowedMemberTypes": [
      "User"
    ],
    "description": "Admin users in translate5 have additional admin rights to the PM
rights.",
    "displayName": "translate5 admin",
    "id": "d5c2ade8-98f8-45fd-aa4a-6d06b947c66f",
    "isEnabled": true,
    "lang": null,
    "origin": "Application",
    "value": "admin"
  },
  {
    "allowedMemberTypes": [
      "User"
    ],
    "description": "API users can access the translate5 API.",
    "displayName": "translate5 API user",
    "id": "d6c2ade8-98f8-45fd-aa4a-6d06b947c66f",
    "isEnabled": true,
    "lang": null,
    "origin": "Application",
    "value": "api"
  }
],
```



```

"optionalClaims":
{
  "idToken": [
    {
      "name": "upn",
      "essential": false,
      "additionalProperties": [ "include_externally_authenticated_upn" ]
    }, {
      "name": "email",
      "essential": false
    }, {
      "name": "family_name",
      "essential": false
    }, {
      "name": "given_name",
      "essential": false
    }
  ]
},

```

Microsoft Azure

Home > Default Directory - App registrations > Marc's Translate5 - Manifest

Marc's Translate5 - Manifest

Save Discard Upload Download

The editor below allows you to update this application by directly modifying its JSON representation. For more details, see: [Understanding the Azure Active Directory application manifest](#).

```

26 "oauth2Permissions": [],
27 "oauth2RequirePostResponse": false,
28 "optionalClaims":
29 {
30   "idToken": [
31     {
32       "name": "upn",
33       "essential": false,
34       "additionalProperties": [ "include_externally_authenticated_upn" ]
35     }, {
36       "name": "email",
37       "essential": false
38     }, {
39       "name": "family_name",
40       "essential": false
41     }, {
42       "name": "given_name",
43       "essential": false
44     }
45   ]
46 },
47 "orgRestrictions": [],

```

This is how it looks after pasting the optionalClaims.

Microsoft Azure

Home > Default Directory - App registrations > Marc's Translate5 - Manifest

Marc's Translate5 - Manifest

Save Discard Upload Download

The editor below allows you to update this application by directly modifying its JSON representation. For more details, see: [Understanding the Azure Active Directory application manifest](#).

```

26 "oauth2Permissions": [],
27 "oauth2RequirePostResponse": false,
28 "optionalClaims":
29 {
30   "idToken": [
31     {
32       "name": "upn",
33       "essential": false,
34       "additionalProperties": [ "include_externally_authenticated_upn" ]
35     }, {
36       "name": "email",
37       "essential": false
38     }, {
39       "name": "family_name",
40       "essential": false
41     }, {
42       "name": "given_name",
43       "essential": false
44     }
45   ]
46 },
47 "orgRestrictions": [],

```

Click on "Save"

Continue with the step ["Assign the appropriate translate5 roles to your users in Azure"](#)