

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 left sidebar. Another red arrow points from the text "Click on 'App registrations'" to the "App registrations" link in the left sidebar of the second screenshot.

Bottom Screenshot: Shows the "Default Directory - Overview" page. The left-hand navigation pane lists various services. A red arrow points from the text "Click on 'App registrations'" to the "App registrations" link in the left sidebar. The main content area displays the "Default Directory" overview, including a sign-in graph and a list of recent resources.

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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

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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)

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Marcs Translate5 - Authentication

Save Discard Try out the new experience Got feedback?

Overview Quickstart

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- Authentication**
- Certificates & secrets
- API permissions
- Expose an API
- Owners
- Manifest

Support + Troubleshooting

- Troubleshooting
- New support request

Advanced settings

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

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

Check the "ID tokens" checkbox

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Marcs Translate5

Delete Endpoints

Overview Quickstart

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Display name: Marcs Translate5

Application (client) ID: e9bf7868-fb6a-4c2a-a2f1-db0414ef0dff

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

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

Supported account types: All Microsoft account users

Redirect URIs: Add a Redirect URI

Managed application in local directory: Marcs Translate5

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

Click on "Certificates & secrets"

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Marcs Translate5 - Certificates & secrets

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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

DESCRIPTION	EXPIRES	VALUE
-------------	---------	-------

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

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Marcs Translate5 - Certificates & secrets

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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

DESCRIPTION	EXPIRES	VALUE
-------------	---------	-------

Enter a description, that makes sense to you

Enter an expiration time, that makes sense to you

Click on "Add"

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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.

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

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

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

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

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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  "informationalUrls": {
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
    }
  ]
},

```

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Marc's Translate5 - Manifest

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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     {
37       "name": "email",
38       "essential": false
39     },
40     {
41       "name": "family_name",
42       "essential": false
43     },
44     {
45       "name": "given_name",
46       "essential": false
47     }
48   ],
49   "orgRestrictions": [],

```

This is how it looks after pasting the optionalClaims.

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```

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     {
37       "name": "email",
38       "essential": false
39     },
40     {
41       "name": "family_name",
42       "essential": false
43     },
44     {
45       "name": "given_name",
46       "essential": false
47     }
48   ],
49   "orgRestrictions": [],

```

Click on "Save"

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