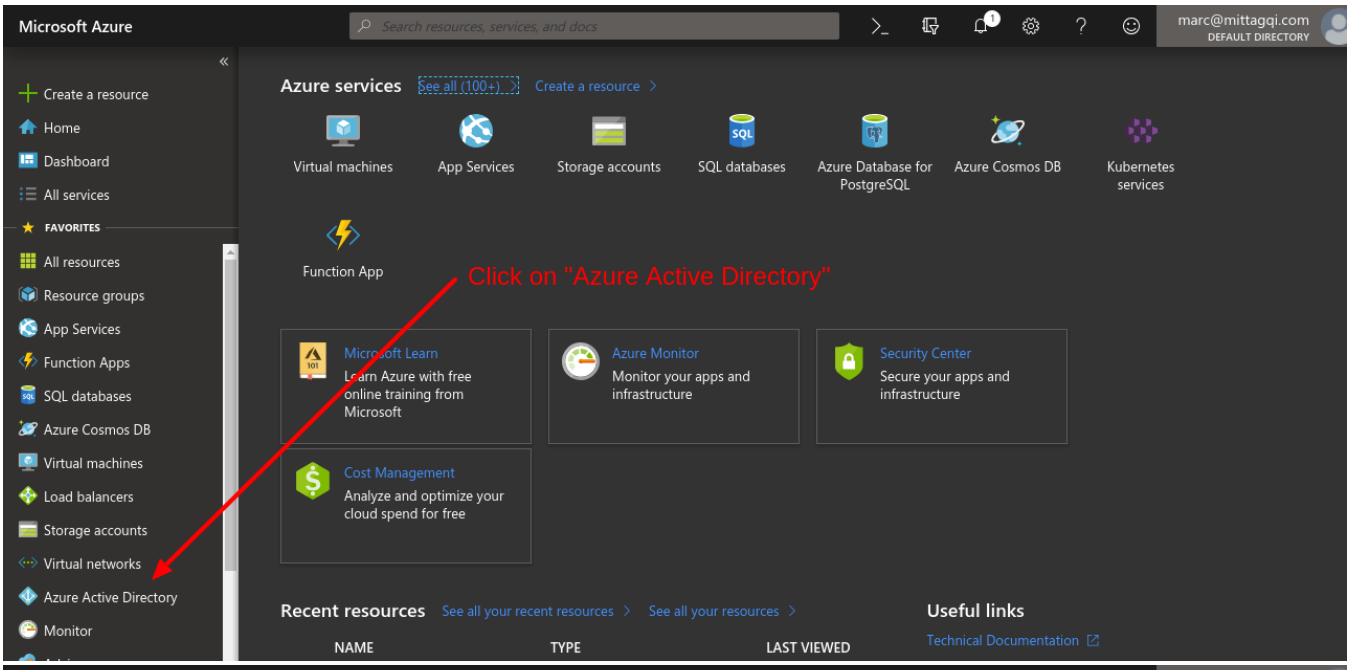
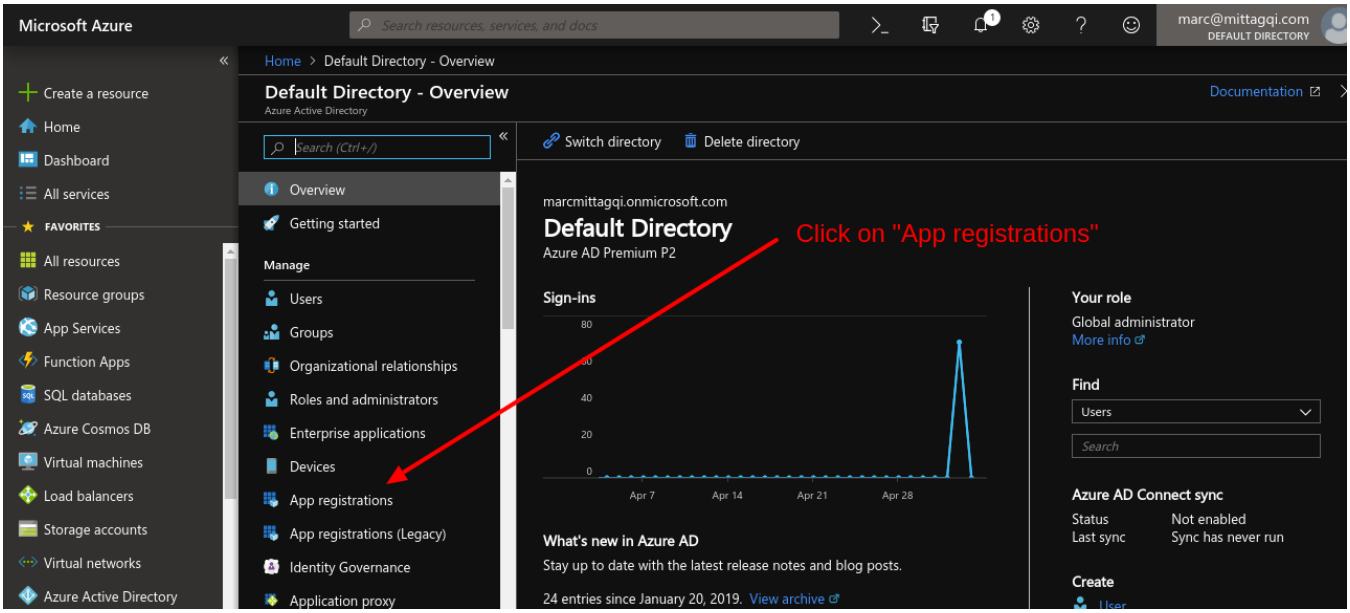
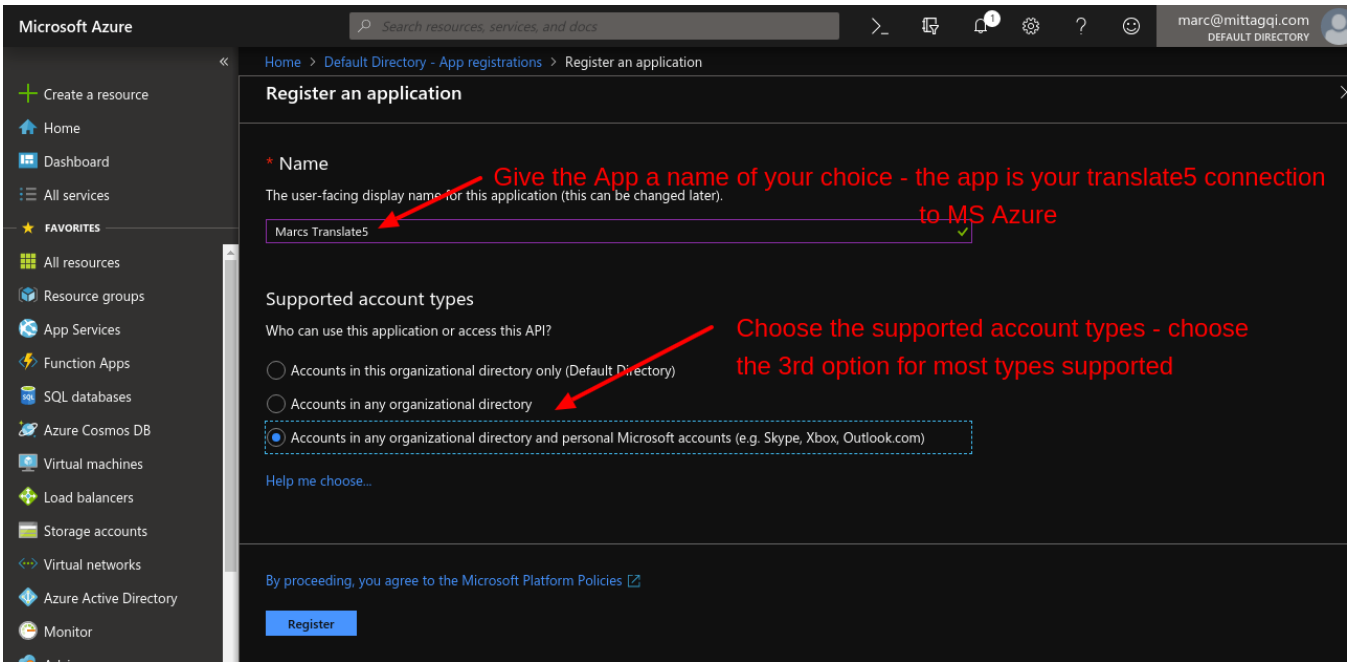
Necessary MS Azure cloud configurations

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

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



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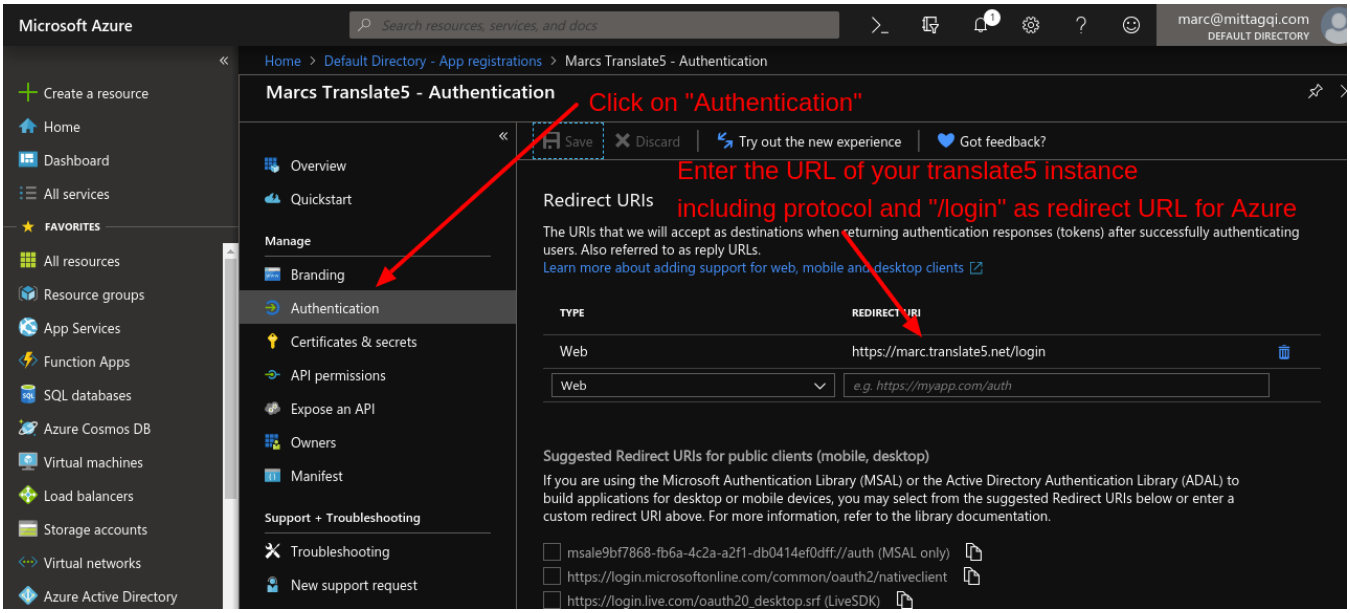
Home > Default Directory - App registrations > Register an application
Register an application
* Name
The user-facing display name for this application (this can be changed later).
Marcs Translate5
Give the App a name of your choice - the app is your translate5 connection to MS Azure
Supported account 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)
Choose the supported account types - choose the 3rd option for most types supported
Help me choose...
By proceeding, you agree to the Microsoft Platform Policies
Register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Click on "Authentication"
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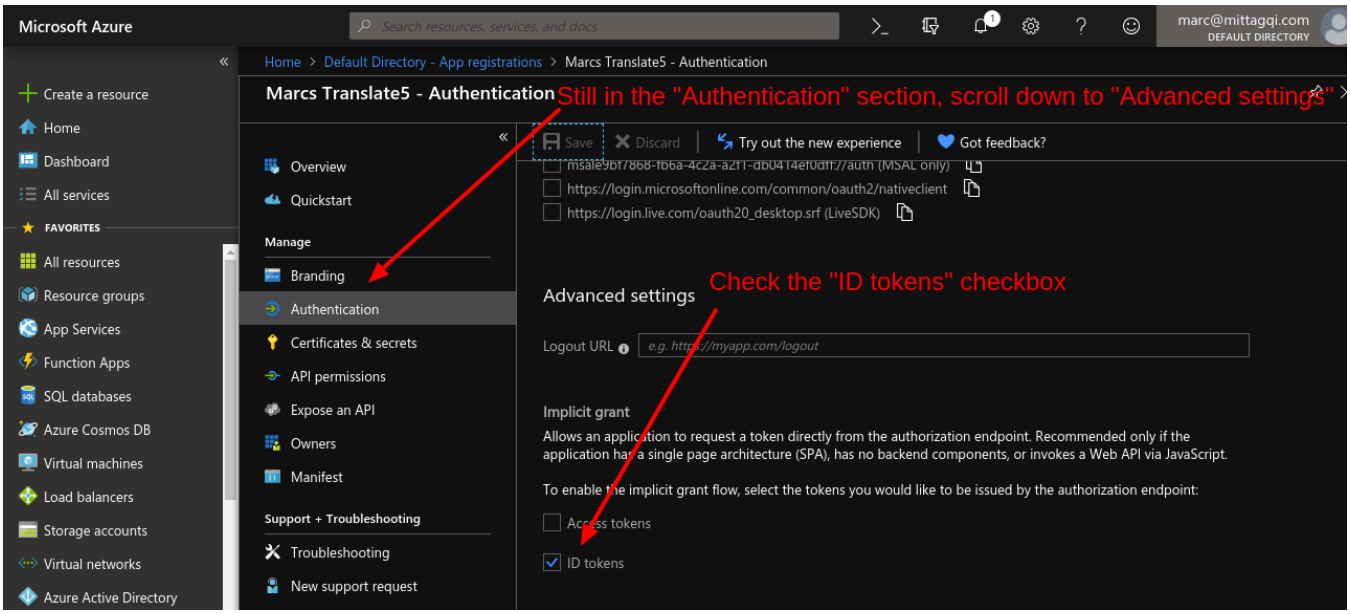
Redirect URIs
Enter the URL of your translate5 instance including protocol and "/login" as redirect URL for Azure
The URIs that we will accept as destinations when returning authentication responses (tokens) after successfully authenticating users. Also referred to as reply URLs.
Learn more about adding 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
Still in the "Authentication" section, scroll down to "Advanced settings"
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https://login.microsoftonline.com/common/oauth2/nativeclient
https://login.live.com/oauth20_desktop.srf (LiveSDK)
Advanced settings
Check the "ID tokens" checkbox
Logout URL
e.g. https://myapp.com/logout
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
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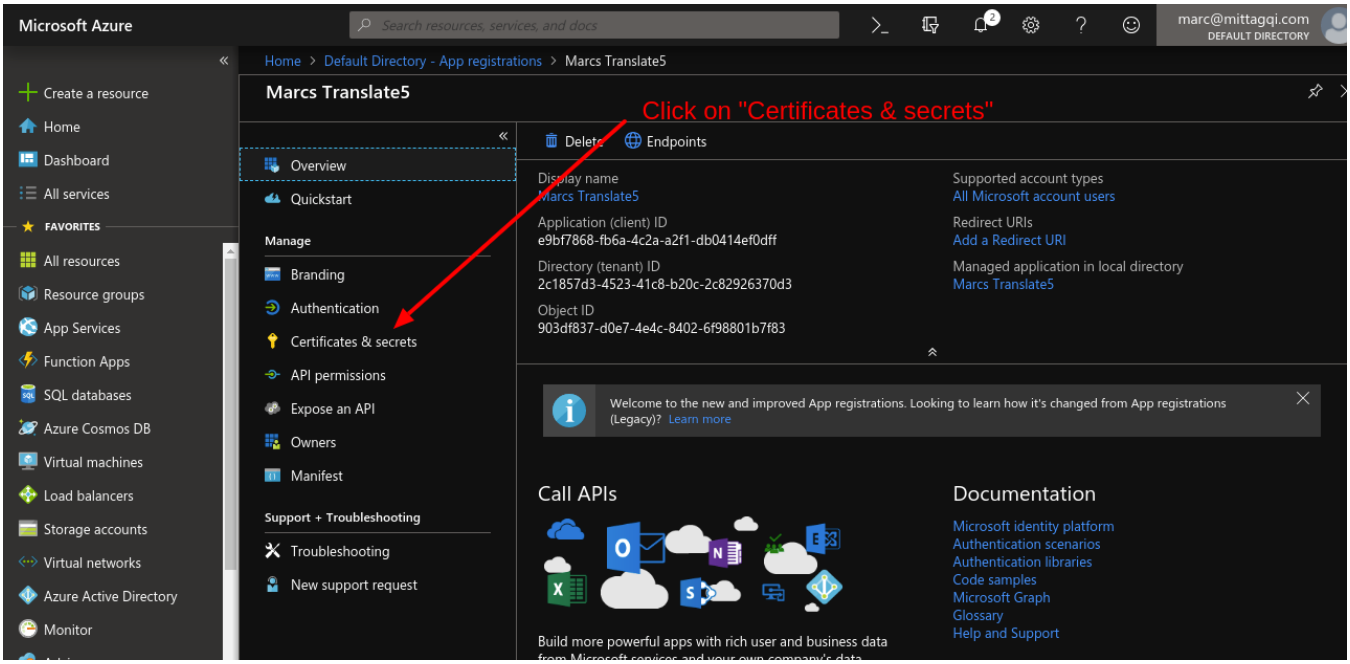
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Click on "Certificates & secrets"
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Display name
Marcs Translate5
Application (client) ID
e9bf7868-fb6a-4c2a-a2f1-db0414ef0dff
Directory (tenant) ID
2c1857d3-4523-41c8-b20c-2c82926370d3
Object ID
903df837-d0e7-4e4c-8402-6f98801b7f83
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
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Authentication libraries
Code samples
Microsoft Graph
Glossary
Help and Support
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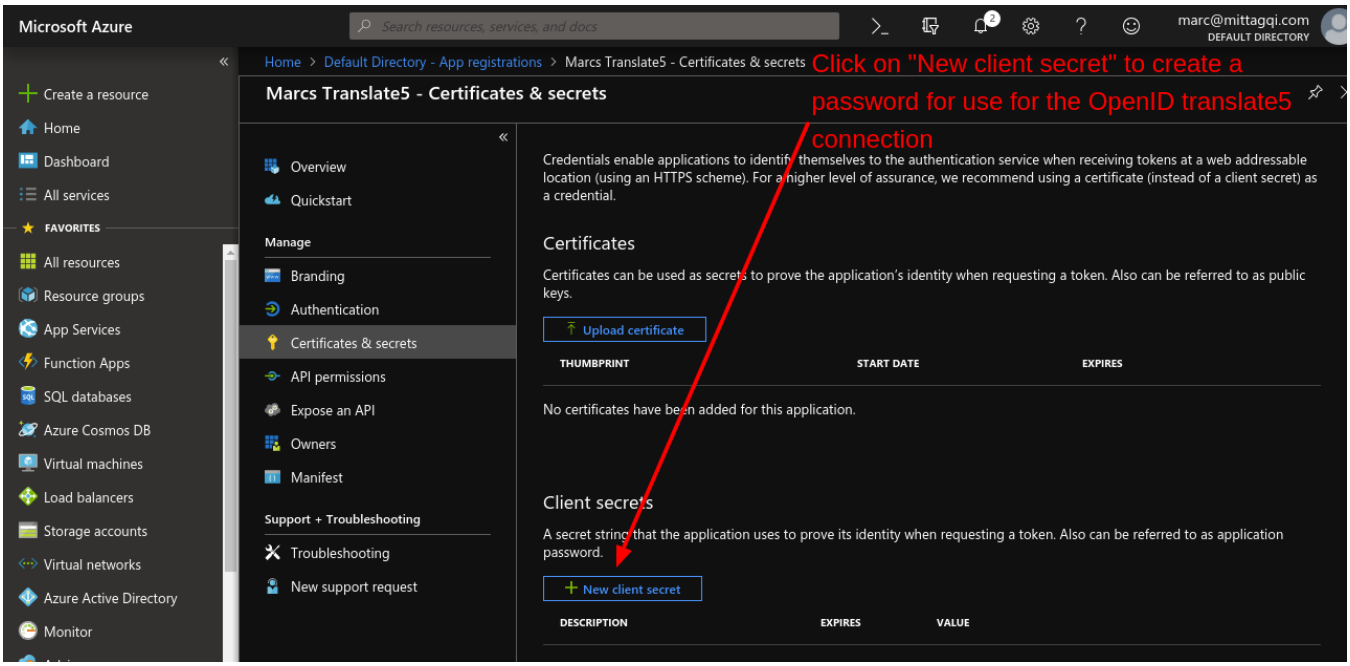
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Marcs Translate5 - Certificates & secrets
Click on "New client secret" to create a password for use for the OpenID translate5 connection
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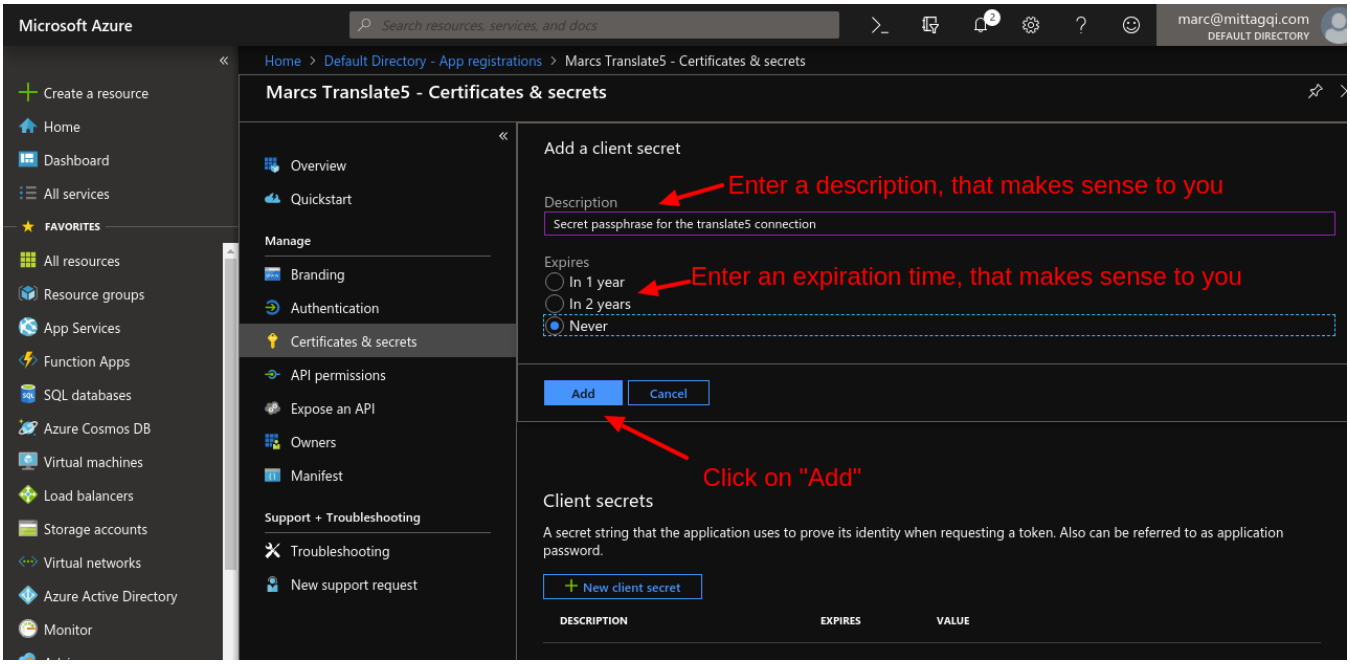
Credentials enable applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.
Certificates
Certificates can 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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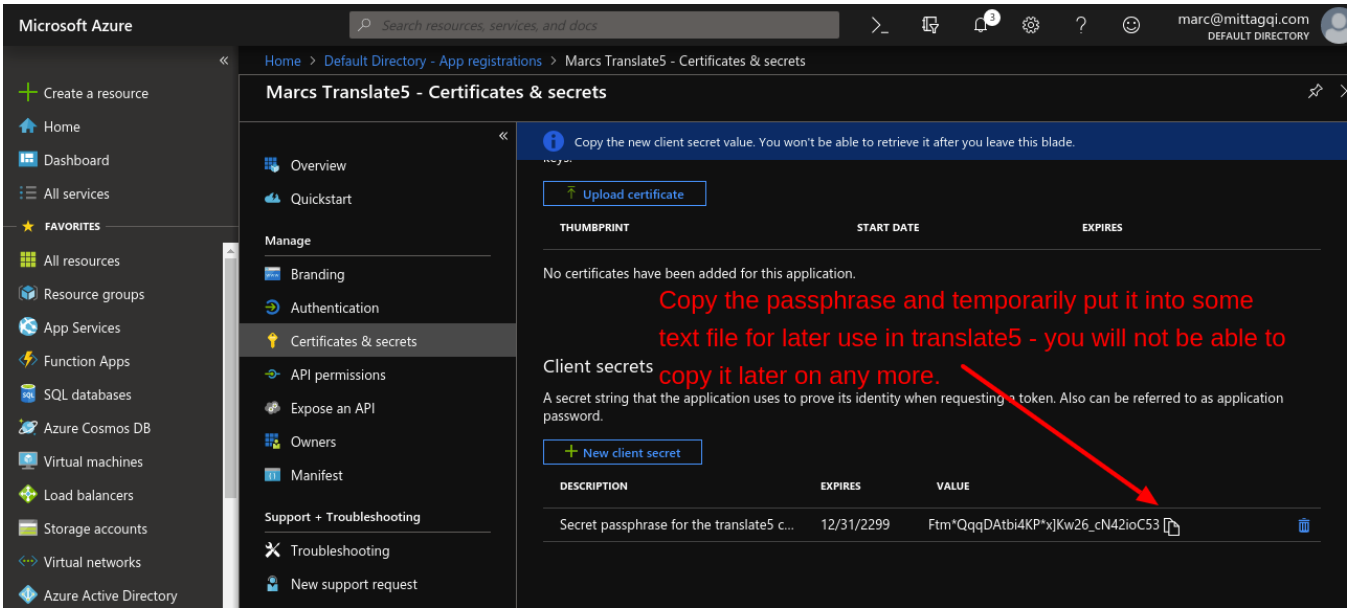
Marcs Translate5 - Certificates & secrets
Add a client secret
Enter a description, that makes sense to you
Description
Secret passphrase for the translate5 connection
Expires
Enter an expiration time, that makes sense to you
In 1 year
In 2 years
Never
Add
Cancel
Click on "Add"
Client secrets
A secret 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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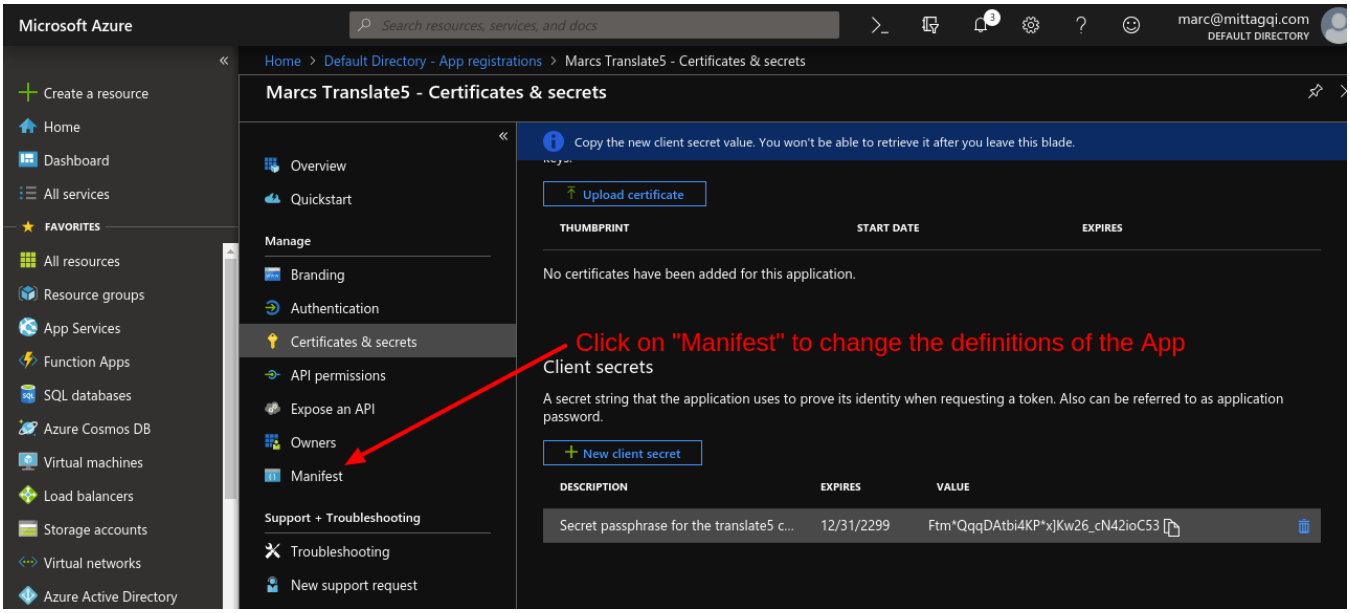
New support request
Copy the new client secret value. You won't be able to retrieve it after you leave this blade.
Upload certificate
THUMBPRINT
START DATE
EXPIRES
No certificates have been added for this application.
Copy the passphrase and temporarily put it into some text file for later use in translate5 - you will not be able to copy it later on any more.
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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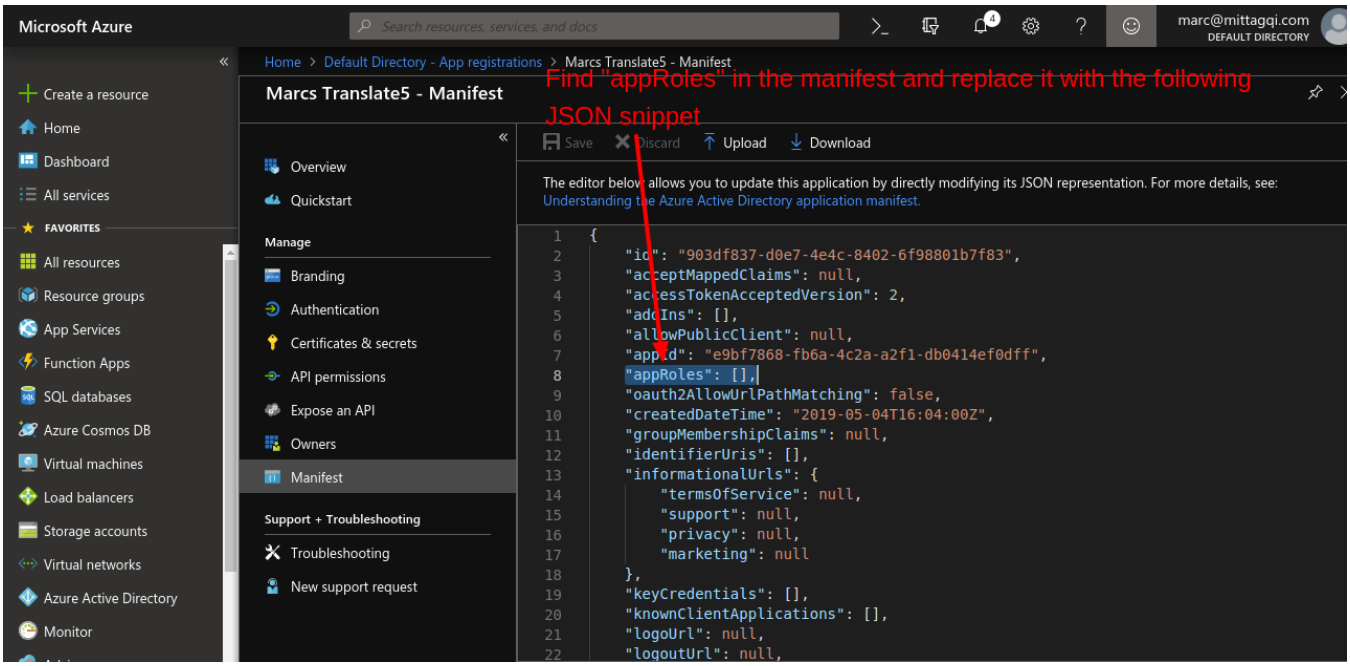
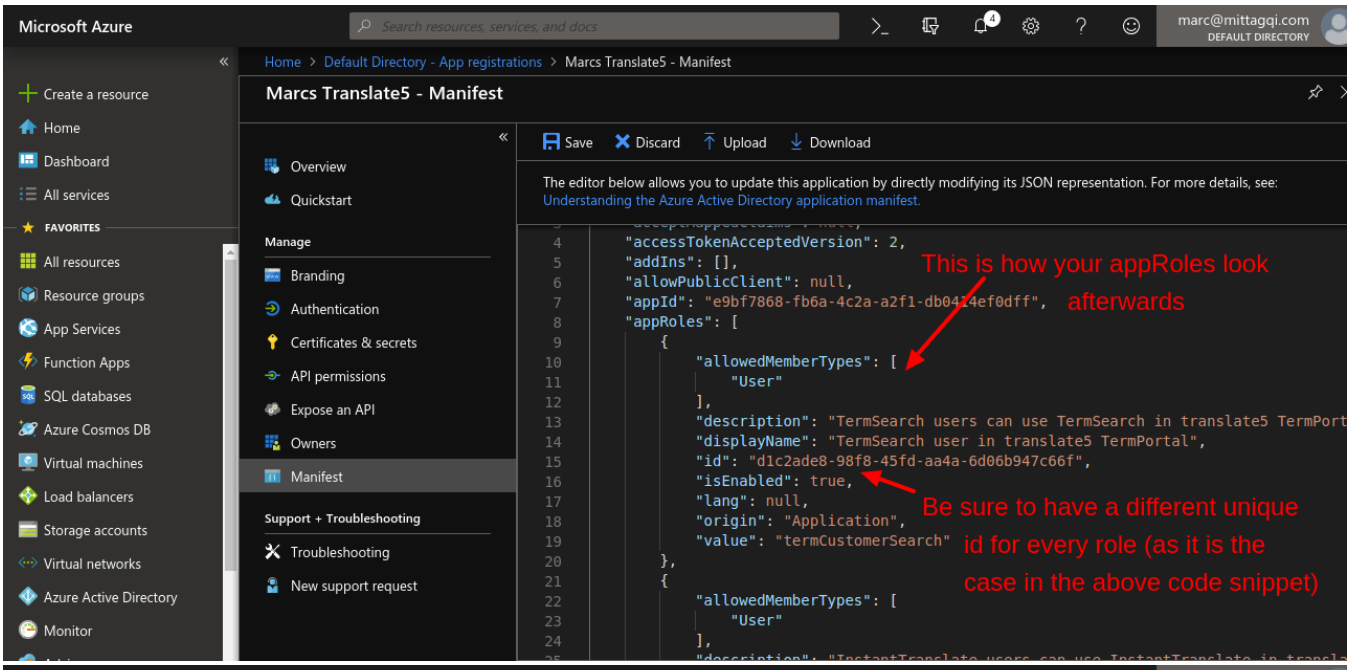
New support request
Copy the new client secret value. You won't be able to retrieve it after you leave this blade.
Upload certificate
THUMBPRINT
START DATE
EXPIRES
No certificates have been added for this application.
Click on "Manifest" to change the definitions of the App
Client secrets
A secret string 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



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"
                }
        ],
```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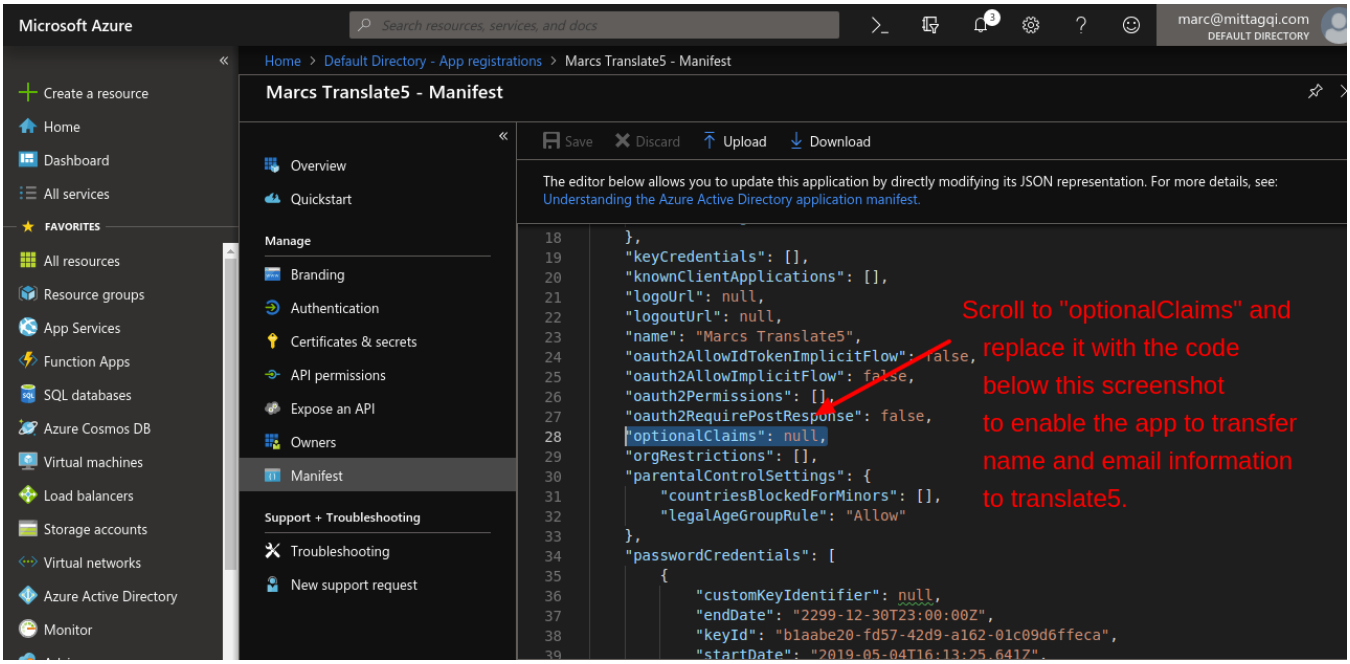
"accessTokenAcceptedVersion": 2,
"addIns": [],
"allowPublicClient": null,
"appId": "e9bf7868-fb6a-4c2a-a2f1-db0414ef0dff",
"appRoles": [
{
"allowedMemberTypes": [
"User"
],
"description": "TermSearch users can use TermSearch in translate5 TermPort
"displayName": "TermSearch user in translate5 TermPortal",
"id": "d1c2ade8-98f8-45fd-aa4a-6d06b947c66f",
"isEnabled": true,
"lang": null,
"origin": "Application",
"value": "termCustomerSearch"
},
{
"allowedMemberTypes": [
"User"
],
This is how your appRoles look afterwards
Be sure to have a different unique id for every role (as it is the case in the above code snippet)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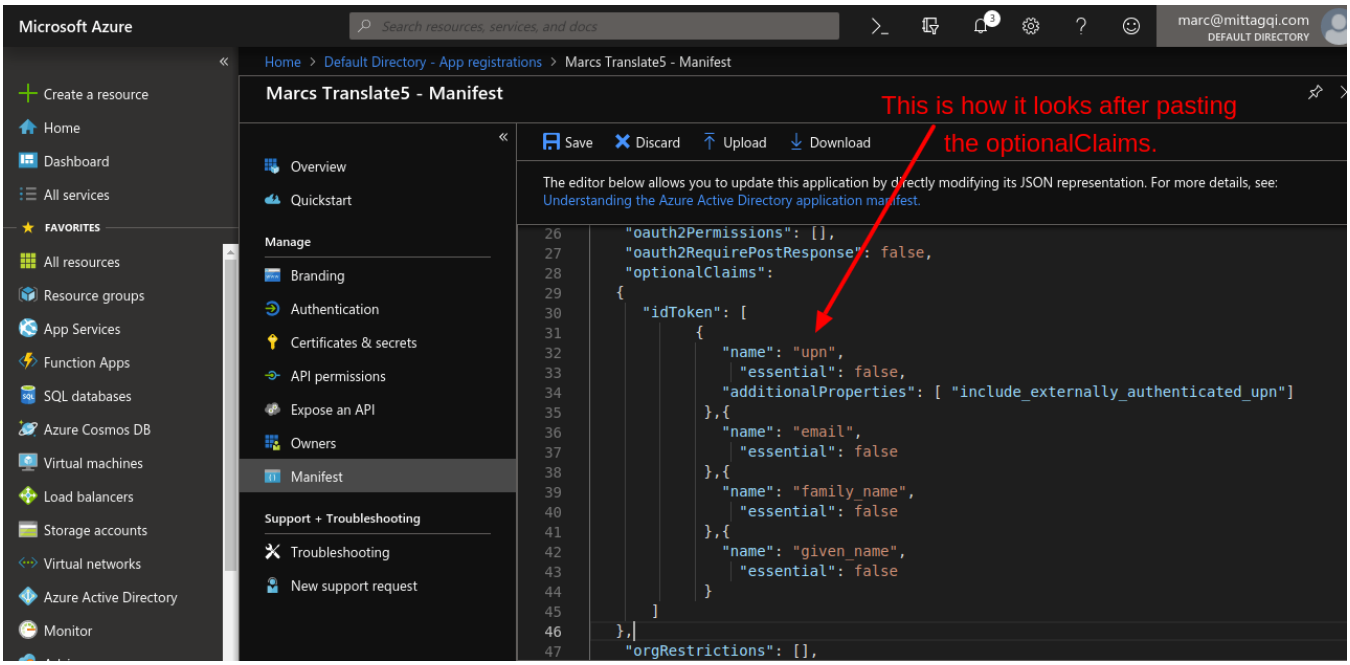
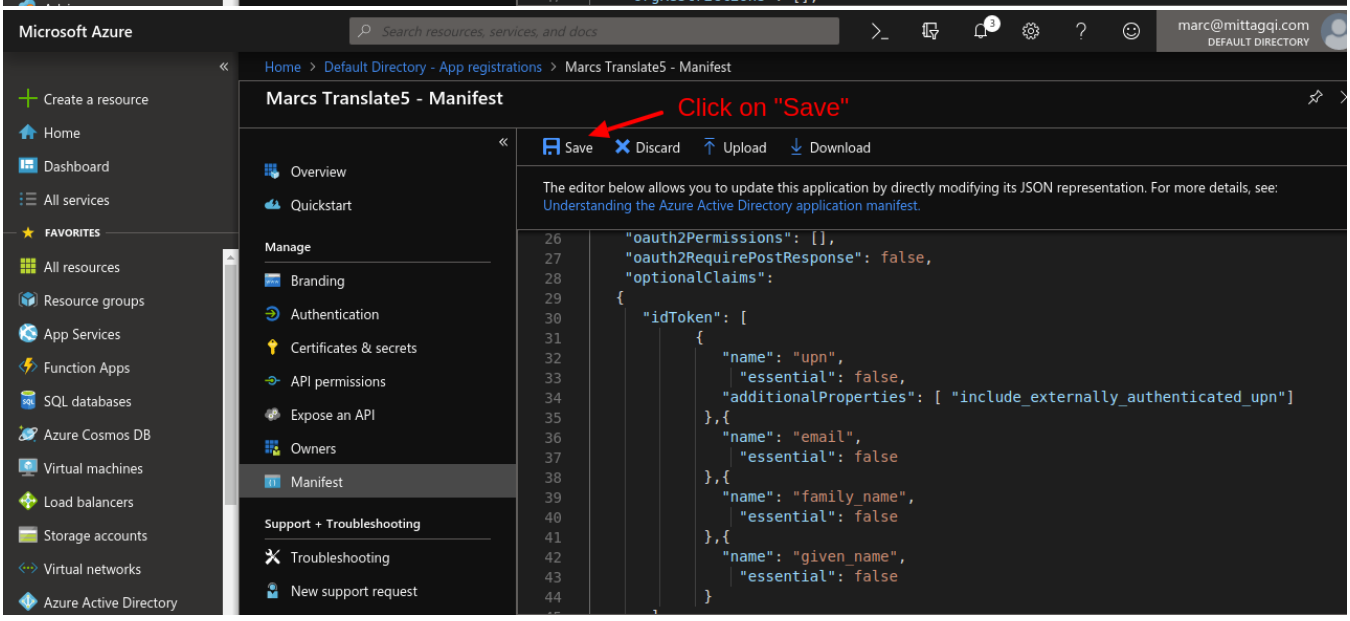
},
"keyCredentials": [],
"knownClientApplications": [],
"logoUrl": null,
"logoutUrl": null,
"name": "Marcs Translate5",
"oauth2AllowIdTokenImplicitFlow": false,
"oauth2AllowImplicitFlow": false,
"oauth2Permissions": [],
"oauth2RequirePostResponse": false,
"optionalClaims": null,
"orgRestrictions": [],
"parentalControlSettings": {
"countriesBlockedForMinors": [],
"legalAgeGroupRule": "Allow"
},
"passwordCredentials": [
{
"customKeyIdentifier": null,
"endDate": "2299-12-30T23:00:00Z",
"keyId": "b1aabe20-fd57-42d9-a162-01c09d6ffeca",
Scroll to "optionalClaims" and replace it with the code below this screenshot to enable the app to transfer name and email information to translate5.

```
"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
             }
      ]
   },
```





Continue with the step "Assign the appropriate translate5 roles to your users in Azure"