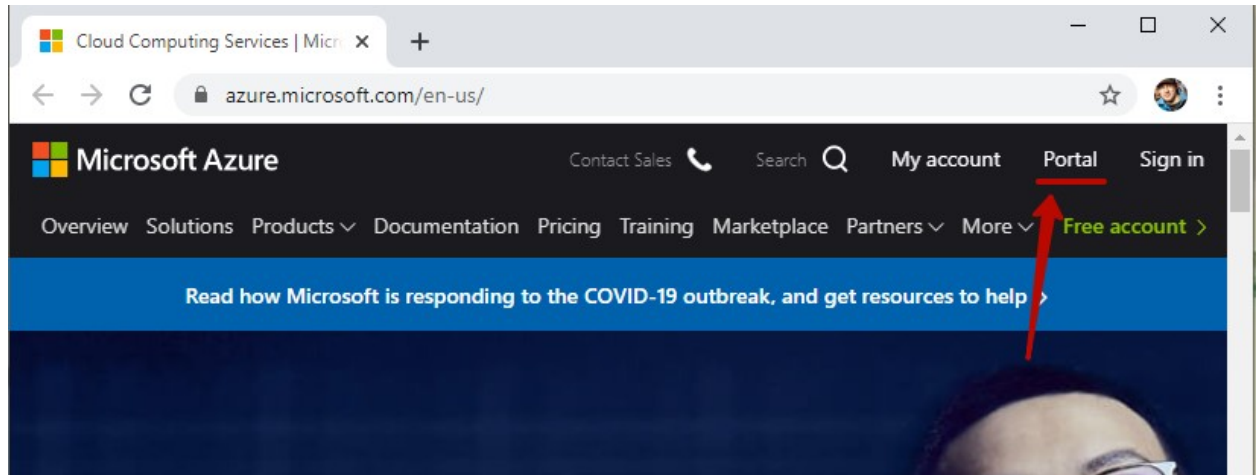
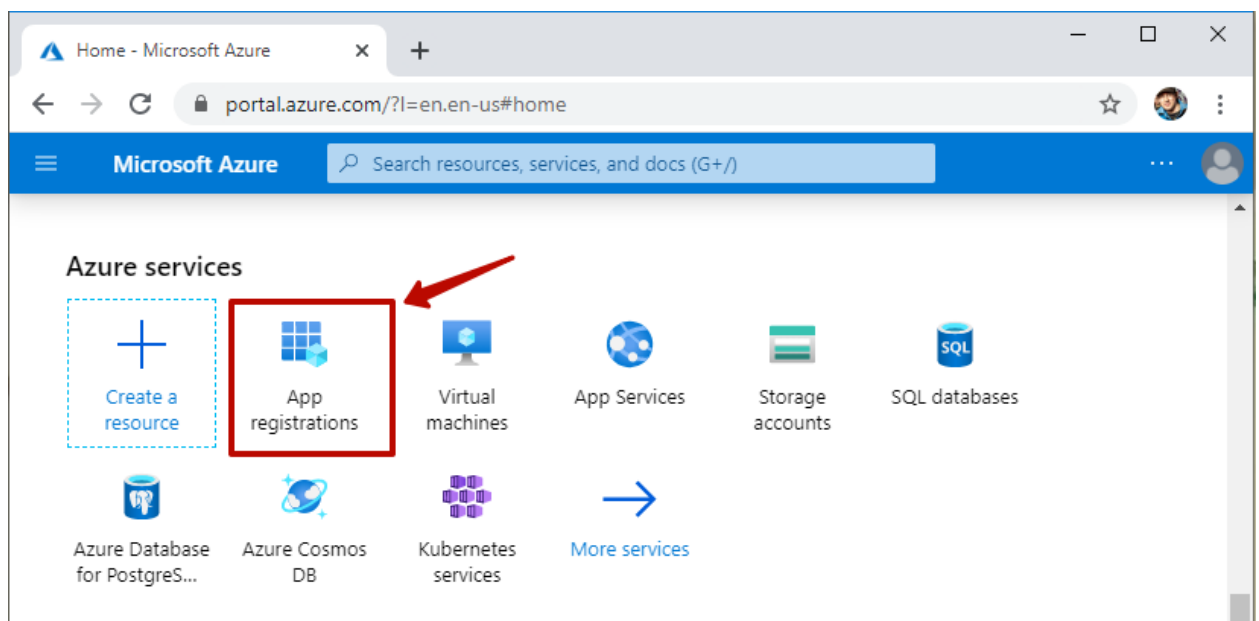


Create Azure Application for ViewPoint Authentication

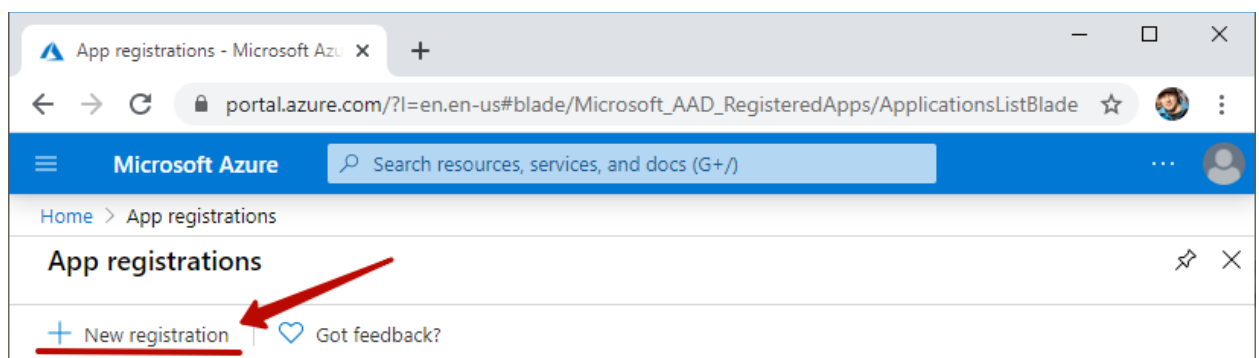
1. Visit: <https://azure.microsoft.com/>
2. Click "Portal" link and sign in with Your Microsoft Account (administrator account)



3. Click "App Registrations"



4. Add new registration



5. Fill suggested form

Register an application - Microsoft

portal.azure.com/?l=en-en-us#blade/Microsoft_AAD_RegisteredApps/ApplicationsListBlade

Microsoft Azure Search resources, services, and docs (G+)

Home > App registrations > Register an application

Register an application

Warning: This application will not be associated with any directory and will be subject to limitations. You should not create production apps outside of a directory.

*** Name**
The user-facing display name for this application (this can be changed later).
ViewPoint-test-1 ✓

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

☐ Accounts in any organizational directory (Any Azure AD directory - Multitenant)

☒ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

☐ Personal Microsoft accounts only

[Help me choose...](#)

Redirect URI (optional)
We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Web ▼ http://localhost:10570/login ✓

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

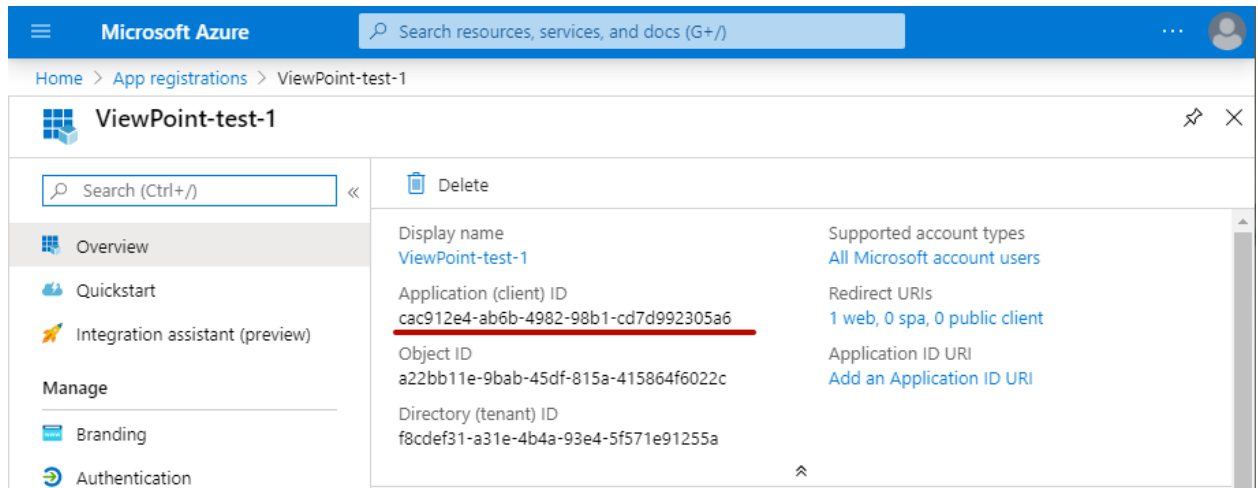
Register

- Name - this name will be shown to the user when granting permission to the application to receive profile information
- Account types - choose account type. Based on chosen type you will need to update Tenant setting in config file

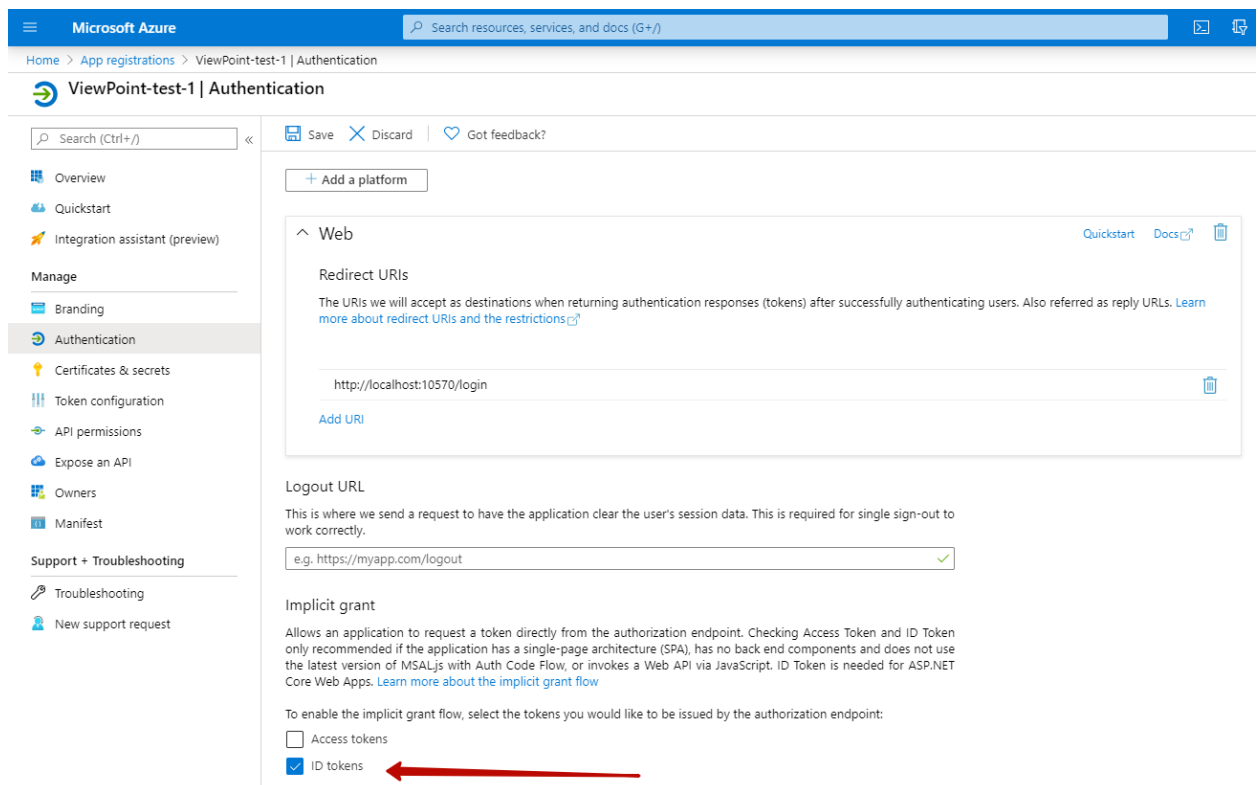
Value	Description
common	Users with both a personal Microsoft account and a work or school account from Azure AD can sign in to the application.
organizations	Only users with work or school accounts from Azure AD can sign in to the application.
consumers	Only users with a personal Microsoft account can sign in to the application.

- c. Redirect URI – required to get access to application from Web (your Viewpoint url + /login, i.e. “https://viewpoint.contoso.com/login”)

6. Click “Register”. Now you get your applicationId (clientId)



7. Add ID-token access for your application on Authentication tab, save changes



8. Add additional fields for token (Token configuration tab) to be sure MS Account can be found among users from Viewpoint database (email claim is required).

Microsoft Azure Search resources, services, and docs (G+)

Home > App registrations > ViewPoint-test-1 | Token configuration

ViewPoint-test-1 | Token configuration

Search (Ctrl+/)

- Overview
- Quickstart
- Integration assistant (preview)
- Manage
 - Branding
 - Authentication
 - Certificates & secrets
 - Token configuration**
 - API permissions
 - Expose an API
 - Owners
 - Manifest

Got feedback?

Optional claims

Optional claims are used to configure additional information which is returned in one or more tokens. [Learn more](#)

+ Add optional claim + Add groups claim

Claim ↑↓	Description	Token type ↑↓
No results.		

Add optional claim

Once a token type is selected, you may choose from a list of available optional claims.

* Token type

Access and ID tokens are used by applications for authentication. [Learn more](#)

- ☒ ID
- ☐ Access

☒ Claim ↑↓	Description
☒ email	The addressable email for this user, if the user has one
☒ family_name	Provides the last name, surname, or family name of the user
☒ given_name	Provides the first or "given" name of the user, as set on the user's profile
☒ sid	Session ID, used for per-session user sign out

9. Current application is ready for use now. You can fill additional info on "Branding" tab.

Configure Viewpoint to authorize with Your Application

1. Add Application Id to your settings and set tenant

```
"Authentication": {  
  "AllowRemember": true,  
  "AgreementHtmlBlock": "",  
  "PresentedByHtmlBlock": "",  
  "ActiveDirectoryOptions": {  
    "Enabled": true,  
    "Priority": 0  
  },  
  "MicrosoftJWTOptions": {  
    "Enabled": true,  
    "Priority": 0,  
    "Tenant": "common",  
    "ApplicationId": "myapplicationid"  
  }  
},  
},
```

2. Turn on/off and set Priority for login methods (0 – has higher priority than 10). User may login only with highest priority methods from available.
i.e. if you want users who have MS account only by able to log in using this account, set "ActiveDirectoryOptions" priority to 1, this way users who do not have MS account set still able to use username/password

Login to Viewpoint web application with MS Account

1. If the user has access only to the Microsoft login method, or if this method was selected from the list, the standard login form is shown to the user
2. User can't switch to other login form here; password or 2 factor authentication mode can be used.
3. Before sign in first time, grant form will be shown with application name, logo and grant info.