

Setting Up Immersive Reader in Azure

Introduction

Immersive Reader is a Microsoft Azure Cognitive Service that improves reading comprehension and accessibility by providing features such as text-to-speech, translation, grammar highlighting, and reading preferences. This guide walks you through the process of setting up Immersive Reader in Azure, from creating the necessary resources to integrating it into your applications.

Prerequisites

- An active Microsoft Azure subscription.
- Basic understanding of Azure portal navigation.

Step 1: Create an Immersive Reader Resource

1. Sign in to the Azure Portal.
2. In the search bar, type “immersive reader” and select Immersive readers from the Services list.
3. Click + Create to start a new resource.
4. Fill in the required details.
5. Click Review + create.
6. Click Create.
7. Wait for the resource to be deployed.

Step 2: Register an Application in Azure Active Directory (AAD)

1. In the search bar, type “entra id” and select Microsoft Entra ID from the Services list.
2. Go to App registrations in the side menu (under Manage).
3. Click + New registration
4. Enter a name for your application (same name as the immersive reader resource is smart) and select “Accounts in any organizational directory” for Supported account types.
5. Click Register.
6. After registration, copy the Application (client) ID and Directory (tenant) ID.
7. Under Certificates & secrets, click + New client secret, provide a description and expiration, then click Add. Copy the generated value.

Step 3: Configure client secret

1. Go to Certificates & secrets (under Manage).
2. Click + New client secret.
3. Give the secret a description and set expire date.
4. Click Add.
5. Copy the Value.

Step 4: Configure access control

1. Go back to the immersive reader resource.
2. Click Access control (IAM) in the side menu.

3. Click + Add (Add role assignment)
4. Mark Cognitive Services Immersive Reader User
5. Click Next
6. Click + Select members
7. Search for the App registration you created earlier
8. Select that member and click Review + assign

Step 5: Integrate Immersive Reader into Skooler

1. Fill in the four required fields in Skooler administration
 - Application (client) ID.
 - Directory (tenant) ID.
 - Value from client secret.
 - Subdomain can be found in the overview of the immersive reader resource. If Endpoint is [https:// immersive-reader.cognitiveservices.azure.com/](https://immersive-reader.cognitiveservices.azure.com/) then the subdomain is immersive-reader
2. Save
3. Verify that it works