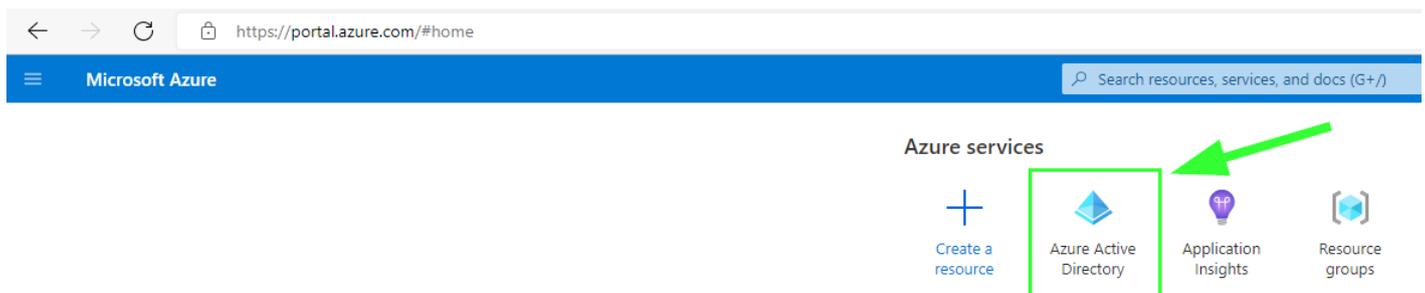


OAuth 2.0 setup (for SaaS only)

Access to web services in Microsoft Dynamics 365 Business Central (BC) in the SaaS version is only possible via OAuth 2.0. The necessary setup of the app in Azure Active Directory and its link to BC is described below.

Azure Portal

Launch Azure Portal and open **Microsoft Entra ID**



Create a new app under **App registrations**

Home >

DEXPRO Solutions GmbH | Overview

Azure Active Directory

- Overview
- Preview features
- Diagnose and solve problems
- Manage**
- Users
- Groups
- External Identities
- Roles and administrators
- Administrative units
- Delegated admin partners
- Enterprise applications
- Devices
- App registrations**
- Identity Governance
- Application proxy
- Custom security attributes (Preview)
- Licenses
- Azure AD Connect

+ Add **2** Manage tenants What's new Preview fe

[Microsoft Entra has a simpler, integrated experience for managing all...](#)

Overview Monitoring Properties Tutorials

Search your tenant

1





Register an application ...

* Name

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

DEXPRO BC App ✓

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (DEXPRO Solutions GmbH only - Single tenant)
- 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.

Select a platform ▼ e.g. https://example.com/auth

Create **API permissions**

The **Application (client) ID** can already be copied and stored at this point (will be needed later)

DEXPRO BC App

Search

Delete Endpoints Preview features

Overview

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Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Owners

Roles and administrators

Manifest

Support + Troubleshooting

Got a second? We would love your feedback on Microsoft identity platform (previously Azure AD for developer).

Essentials

Display name : DEXPRO BC App

Application (client) ID : [redacted]

Object ID : [redacted]

Directory (tenant) ID : [redacted]

Supported account types : My organization only

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (AD).

Get Started Documentation

The Microsoft identity platform is an authentication ser

Request API permissions

Select an API

Microsoft APIs APIs my organization uses My APIs

Commonly used Microsoft APIs

 Microsoft Graph Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Azure AD, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.		
 Azure Communication Services Rich communication experiences with the same secure CPaaS platform used by Microsoft Teams	 Azure DevOps Integrate with Azure DevOps and Azure DevOps server	 Azure Key Vault Manage your key vaults as well as the keys, secrets, and certificates within your Key Vaults
 Azure Rights Management Services Allow validated users to read and write protected content	 Azure Service Management Programmatic access to much of the functionality available through the Azure portal	 Azure Storage Secure, massively scalable object and data lake storage for unstructured and semi-structured data
 Data Export Service for Microsoft Dynamics 365 Export data from Microsoft Dynamics CRM organization to an external destination	 Dynamics 365 Business Central Programmatic access to data and functionality in Dynamics 365 Business Central	 Dynamics CRM Access the capabilities of CRM business software and ERP systems
		

Request API permissions



[← All APIs](#)



Dynamics 365 Business Central

<https://dynamics.microsoft.com/business-central/overview/> [Docs](#)

What type of permissions does your application require?

Delegated permissions

Your application needs to access the API as the signed-in user.

Application permissions

Your application runs as a background service or daemon without a signed-in user.



Request API permissions



[< All APIs](#)



Dynamics 365 Business Central

<https://dynamics.microsoft.com/business-central/overview/> [Docs](#)

What type of permissions does your application require?

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Your application needs to access the API as the signed-in user.

Application permissions

Your application runs as a background service or daemon without a signed-in user.

Select permissions

[expand all](#)

Permission	Admin consent required
Other permissions	
<input type="checkbox"/> app_access ⓘ Access according to the application's permissions in Dynamics 365 Business Central	Yes
AdminCenter	
<input type="checkbox"/> AdminCenter.ReadWrite.All ⓘ Full access to Admin Center API	Yes
API (1)	
<input checked="" type="checkbox"/> API.ReadWrite.All ⓘ Full access to web services API	Yes
Automation	
<input type="checkbox"/> Automation.ReadWrite.All ⓘ Full access to automation	Yes

Create **Client secret** and store it in a secure location

DEXPRO BC App | Certificates & secrets

Got feedback?

- Overview
- Quickstart
- Integration assistant

Manage

- Branding & properties
- Authentication
- Certificates & secrets**
- Token configuration
- API permissions

Credentials enable confidential applications to identify themselves to the authentic... (instead

Application registration certificates, secrets and federated credentials can be found

Certificates (0) Client secrets (3) Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a tol

+ New client secret

Add a client secret

Description

Expires

Add Cancel

Business Central

Open **Microsoft Entra Applications** and create a new

entry

Tell me what you want to do  

1

Go to Pages and Tasks Show all (4)

- > **Microsoft Entra Applications** **2** Administration
- > Set up access with Microsoft 365 licenses Administration
- > Users Administration

Search for 'microsoft en'

-  Search company data
-  Search Help

Didn't find what you were looking for? Try [exploring pages](#) or [exploring reports](#)

 Microsoft Entra Applications   

   **+ New** Manage   

Set up **Microsoft Entra Application**

1. Enter the Client ID
2. Enter description (description is a bit misleading. This is rather a user name).
3. Assign user permission set(s) individually.
4. (Optional)
5. Activate application

DEXPROAzureApp

Grant Consent | More options

General

Client ID	{9683c7ad-6beb-415a-88cc-026...}	1	User information
Description	DEXPROAzureApp	2	User ID
State	Enabled	5	User Name
Contact Information			User Telemetry ID
Extension		4	You must set the State field to Disabled before you can mak...
App ID	{00000000-0000-0000-0000-00...}		
App Name			

3 **User Permission Sets**
 New Line Delete Line Permissions

Permission Set ↑	Description	Company ↑	Extension Name	Permission Scope
→ D365 BUS PREMIUM	Dyn. 365 Prem. ...		Base Application	System
SUPER (DATA)	Superuser of data		System Application	System

Revision #3

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