

Dynamics 365 Business Central

✓ Available

 Client Integration - VoIPcube client mandatory

Introduction

This Dynamics Business Central integration works with a Azure App Registration.

The integration will search Contacts and will show a pop-up

Configuration

The Dynamics Integration works with OAuth2.0. This means users will log in with their own credentials. VoIPcube will automatically present the login screen when required.

A one-time setup in the azure environment is needed.

- Go to <https://portal.azure.com>
- Go to Entra ID

Welcome to Azure!

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[Start](#)



Manage Azure Active Directory

Azure Active Directory is becoming Microsoft Entra ID. Secure access for everyone.

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Access student benefits

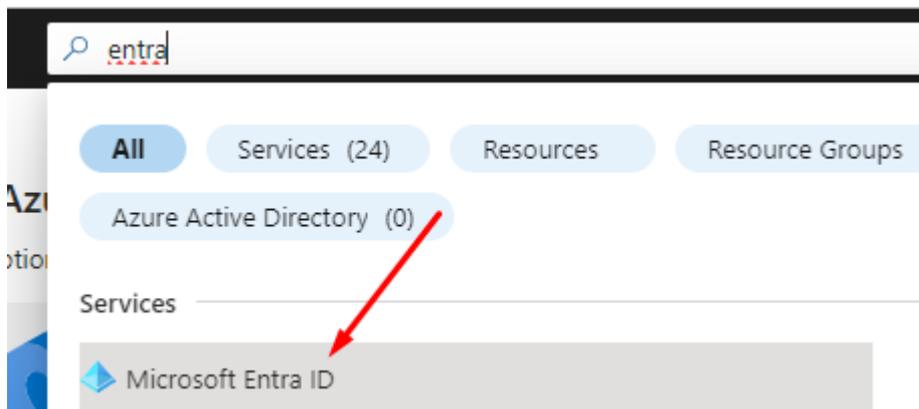
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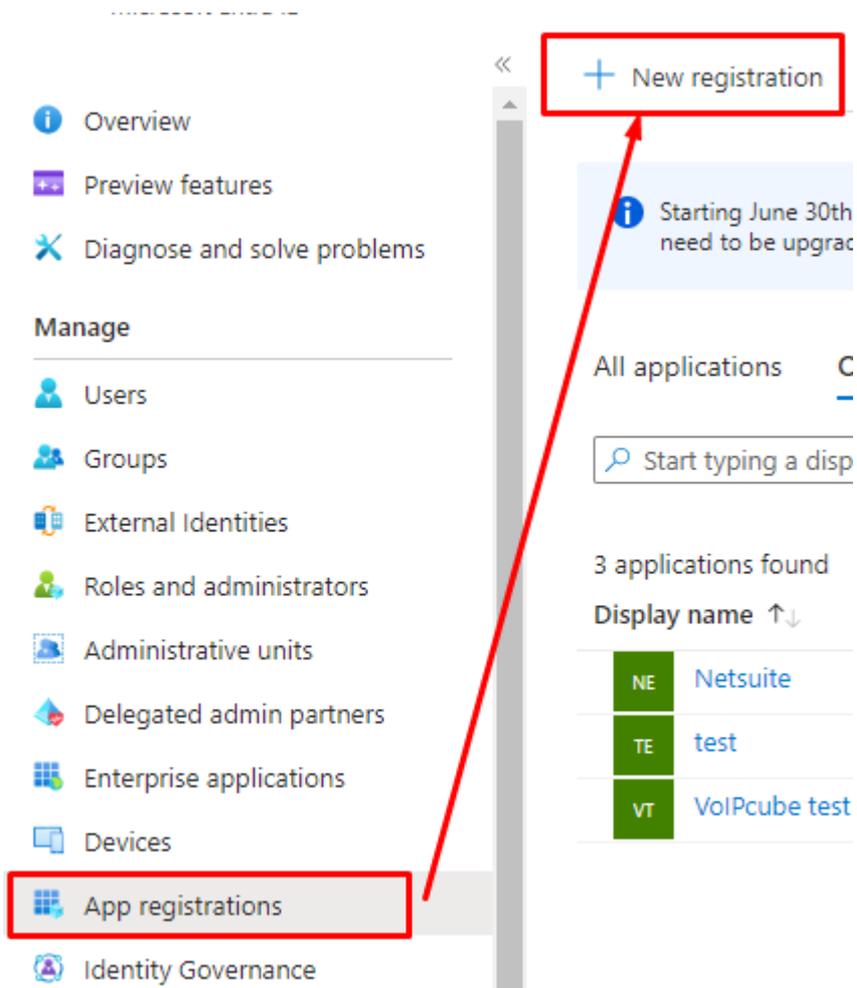
Azure services



OR



- Go to `App Registrations` > `New Registration`



- Enter the following details
 - **Name**: identifiable name
 - **API Access**: Accounts in this organizational directory only (single tenant)
 - **Redirect URI**: Web | <https://voipcube.nl>

Register an application

* Name

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

VoIPcube ✓

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (Single tenant)
- Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)
- Accounts in any organizational directory (Any Microsoft Entra ID tenant - 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 ✓

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

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

[Register](#)

- Click [Register](#)
- Note down the [Application \(client\) ID](#)
- Note down the [Directory \(tenant\) ID](#)

VoIPcube

Search

Delete Endpoints Preview features

Overview

Quickstart

Integration assistant

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Owners

Roles and administrators

Manifest

Support + Troubleshooting

Troubleshooting

New support request

Essentials

Display name : [VoIPcube](#)

Application (client) ID : 8fc18263-b191-4eb8-bd90-af3de6533d0e

Object ID : 99a2194c-6677-4b3f-82ae-b95bf0c0de8a

Directory (tenant) ID : 04ed3cc3-4e36-49c0-a726-6fe0c694fc5a

Supported account types : [My organization only](#)

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registra

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication L will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

Get Started Documentation

Build your app

The Microsoft identity platform is an authentication service, c
access and j

- Go to Certificates & Secrets

Search << Delete Endpoints Preview features

- Overview
- Quickstart
- Integration assistant
- Manage
 - Branding & properties
 - Authentication
 - Certificates & secrets**
 - Token configuration
- API permissions
 - Expose an API
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 - Troubleshooting

Essentials

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[Get Started](#) [Documentation](#)

The Microsoft ident

- Click on **New Client Secret**

Authentication

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

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 ID |
|---|---------|-------|-----------|
| No client secrets have been created for this application. | | | |

- Add a **Description** and set the **Expires** and click **add**

Add a client secret

Description

Expires

- Note down the **secret Value**.

 The value is only shown once. make sure to save it!

 Application registration certificates, secrets and federated credentials can be found in the tabs below. ×

Certificates (0) Client secrets (1) Federated credentials (0)

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 ID |
|-------------|------------|--|--|
| VoIPcube | 10/17/2025 | <u>JLi8Q~lvA83nJUPKBTtN9-Uf3V7X0HdmV...</u>  | dbe0a3cc-73a3-4a3d-955b-5c6d3bf5e0f3   |

- Click on **API permissions** > **Add a permission**

 Branding & properties

 Authentication

 Certificates & secrets

 Token configuration

 **API permissions**

 Expose an API

 App roles

 Owners

 Roles and administrators

Applications are authorized to call APIs when they are granted permissions by users/all the permissions the application needs. [Learn more about permissions and consent](#)

 **Add a permission**

Grant admin consent for Destilink BV

| API / Permissions name | Type | Description |
|--|-----------|-------------------------------|
|  Microsoft Graph (1) | | |
| User.Read | Delegated | Sign in and read user profile |

To view and manage consented permissions for individual apps, as well as your tenant

- Find **Dynamics 365 Business Central** . and go to delegated permissons and add **user_impersonation** + **Financials.ReadWrite.all** and click **add permissions**

| | | |
|---|--|--|
|  Azure Data Catalog Programmatic access to Data Catalog resources to register, annotate and search data assets |  Azure Data Lake Access to storage and compute for big data analytic scenarios |  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 |  Dynamics ERP |  Intune |

[< 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.

Select permissions [expand all](#)

i The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. [Learn more](#)

| Permission | Admin consent required |
|---|------------------------|
| Other permissions (1) | |
| <input checked="" type="checkbox"/> user_impersonation ⓘ Access as the signed-in user | No |
| Financials (1) | |
| <input checked="" type="checkbox"/> Financials.ReadWrite.All ⓘ Access Dynamics 365 Business Central as the signed-in user | No |

Add permissions
Discard

- Click Grant admin consent for {Organization}

i This action allows usage of the app registration for all users in the {Organization}

Configured permissions

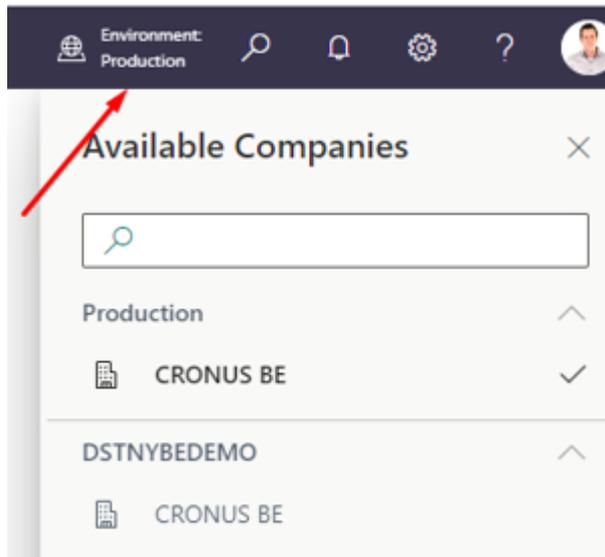
Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

[+](#) Add a permission Grant admin consent for ██████████

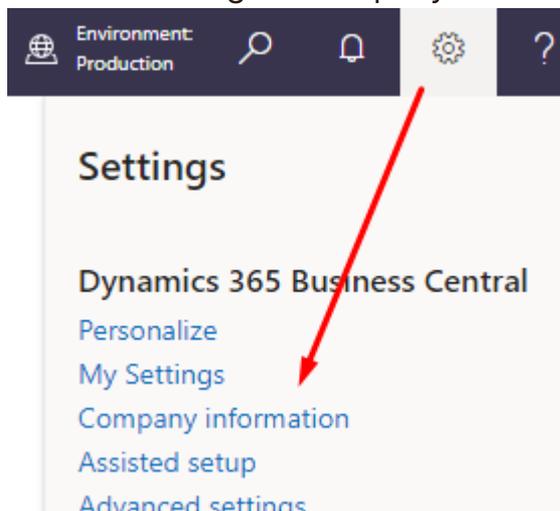
| API / Permissions name | Type | Description | Admin consent requ... | Status |
|--|-----------|--|-----------------------|--------|
| ▼ Dynamics 365 Business Central (2) | | | | |
| Financials.ReadWrite.All | Delegated | Access Dynamics 365 Business Central as the signed-in user | No | *** |
| user_impersonation | Delegated | Access as the signed-in user | No | *** |

Now we need to gather environment ID's

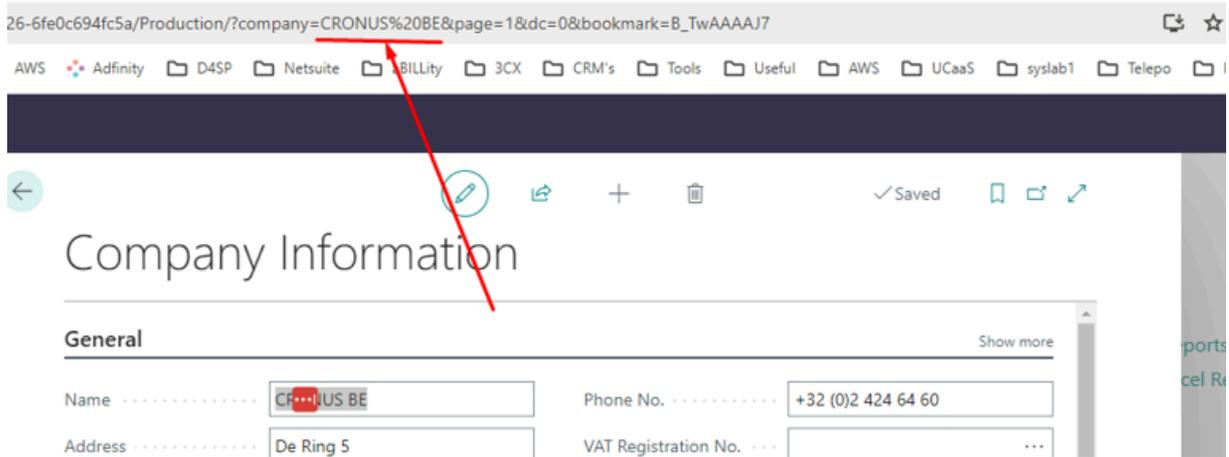
- Go to Dynamics Business Central
- In the top right click on `Environment: xxxx`



- note down the `environment name`
- Go to the company you want to integrate
- Click on Settings > Company Information



- Find and note down the `company name` in the URL



- i** Repeat these environment id lookups for each company if you want to configure the integration for multiple companies.

The App Registration setup can be shared across multiple company setups.

Assignment

- Assign the Dynamics 365 (Business Central) Integration to the customer
 - Enter the
 - Enter the
 - Change the + to include the Tenant ID
 - Enter the
 - Enter the
 - Enter the

Label (optional)

Authorization Type
OAuth2.0 Code Flow

Authentication

Client ID
2833e2dd-6ec4-4d2c-aa4b-a6543d2a8f48

Client Secret
.....

Scope

Authorization Endpoint
https://login.windows.net/04ed3cc3-4e36-49c0-a726-6fe0c694fc5a/oauth2/...

Token Endpoint
https://login.windows.net/04ed3cc3-4e36-49c0-a726-6fe0c694fc5a/oauth2/...

Extra Parameters (QueryString)
resource=https://api.businesscentral.dynamics.com

Send client credentials in body

Parameters

Constant Parameters

bedrijfsnaam
CRONUS BE

AADtenant
04ed3cc3-4e36-49c0-a726-6fe0c694fc5a

Environment
Production

- Click Save
- Assign the integration to users. Once they configured the VoIPcube client the dynamics log in window will be presented. here they can log in with their own user account.

Example

Not Available