

# Teams Custom Configuration

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# Custom Configuration for Teams

You can customize the configuration of the Teams app.

The custom configuration method is a manual process that requires the following actions:

- Register the Office 365 app with Azure.
- Request and grant permission for Azure APIs.
- Create a client secret for the Office 365 app.
- Obtain the Azure application ID, secret application key value, and Azure directory ID. For instructions about locating this information, in the Microsoft documentation, see [Get tenant and app ID values for signing in](https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal#get-tenant-and-app-id-values-for-signing-in)  
<https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal#get-tenant-and-app-id-values-for-signing-in>  
<https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal#get-tenant-and-app-id-values-for-signing-in>.

## Registering Teams with Azure

Register the Azure app with Microsoft Azure Active Directory (AD).

When you finish registering the app, record the Application ID and Directory ID. When you finish creating the client secret, record it. You need to enter these values when you add the app to the Metallic software.

To improve performance and to minimize throttling, you can register multiple apps.

For a Teams app that has 5,000 Teams items, register 5 apps. Every time an additional 1,000 Teams items are added, register 1 additional app.

Disclaimer: This procedure is performed using the Microsoft Azure Active Directory (Azure AD) Web application. The Azure AD application is subject to change without notice. Consult Microsoft documentation, for example "Azure Active Directory Documentation" (<https://docs.microsoft.com/en-us/azure/active-directory/> (<https://docs.microsoft.com/en-us/azure/active-directory/>)).

## Log On to the Azure Portal as the Global Administrator

1. Log on to the Azure portal (<https://portal.azure.com/>) using your global administrator account.

2. Go to Azure Active Directory.

## Register Teams in the Azure Portal

1. In the navigation pane, click **App registrations**.
2. Click **New registration**.
3. In the **Name** box, enter a name for the app.
4. Under **Supported account types**, select **Accounts in this organizational directory only (<office\_365\_tenant\_prefix> - Single tenant)**.
5. To verify the status of the app and to authorize the app from the Command Center, under **Redirect URI**, enter the Command Center URL.

For the Teams app, enter

**[https://Command\\_Center\\_name.domainname.com/adminconsole/processAzureAuthToken.do](https://Command_Center_name.domainname.com/adminconsole/processAzureAuthToken.do)**

6. Click **Register**.
7. Copy and paste the following values in a file or other document that you can access later:
  - **Application ID**
  - **Directory ID**

You will enter these values in the Metallic software when you create the Office 365 app.

## Request and Grant Permissions for Azure APIs for Azure Apps

1. In the navigation pane, click **API permissions**.
2. Click **Add a permission**.
3. Click **Microsoft Graph** and complete the following steps:
  - a. Click **Application Permissions**.
  - b. Select the following permissions:
    - Channel:**Channel.Create**
    - Channel:**Channel.ReadBasic.All**
    - ChannelSettings:**Channel.Settings.ReadWrite.All**

- Files:**Files.ReadWrite.All**
  - Group:**Group.ReadWrite.All**
  - Sites:**Sites.FullControl.All**
  - Team:**Team.ReadBasic.All**
  - TeamMember:**TeamMember.ReadWrite.All**
  - User:**User.Read.All**
- c. Click **Delegated Permissions**.
- d. Select the following permissions:
- ChannelMessage:**ChannelMessage.Read.All**
  - ChannelMessage:**ChannelMessage.Send**
  - Directory:**Directory.AccessAsUser.All**
  - Group:**Group.ReadWrite.All**
  - **offline\_access permission**
  - **openid permission**
- e. Click **Add permissions**.
4. On the app **API permissions** page, click **Add a permission**.
5. Click **APIs my organization uses** and complete the following steps:
- a. On the search bar, type **Office 365 Exchange Online**.
  - b. Select **Office 365 Exchange Online**, and then click **Application permissions**.
  - c. Select **full\_access\_as\_app**.
  - d. Click **Add permissions**.
6. On the app **API permissions** page, click **Grant admin consent for *tenant\_name***.

## Create a Client Secret for the Office 365 App

1. In the navigation pane, click **Certificates & secrets**.
2. Click **New client secret**.



3. Enter a description, and then select **Never expire**.
4. Click **Add**.
5. Copy and paste the client secret value in a file or other document that you can access later.  
You will enter this value in the Metallic software when you create the Office 365 app.

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Metallic | [metallic.io](https://metallic.io) | 888.555.5555

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