

Manual configuration of Application Workspace for Microsoft Teams

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Register the Application Workspace application in Microsoft Entra ID (Azure AD)

This article provides information about how to register Application Workspace in the Azure Portal, where you can find the Microsoft Teams app manifest files, how to download them and all the settings you need to configure to integrate Application Workspace in Microsoft Teams.

Prerequisites

Have an active Microsoft Entra ID app registration that is used to authenticate to Application Workspace. Write down the URL where Application Workspace is accessible as you will need it during the configuration process. This value is indicated as `<RECASTSOFTWARE-URL>` in this document.

Configure API permissions on the Application Workspace Entra ID app registration

To allow the Teams application to authenticate users, the exchange token should be configured for Application Workspace. Read [How to set up your exchange token](#) for more information. Copy the scope from your app registration. This value is indicated as `<RECASTSOFTWARE-Scope>` in this document.

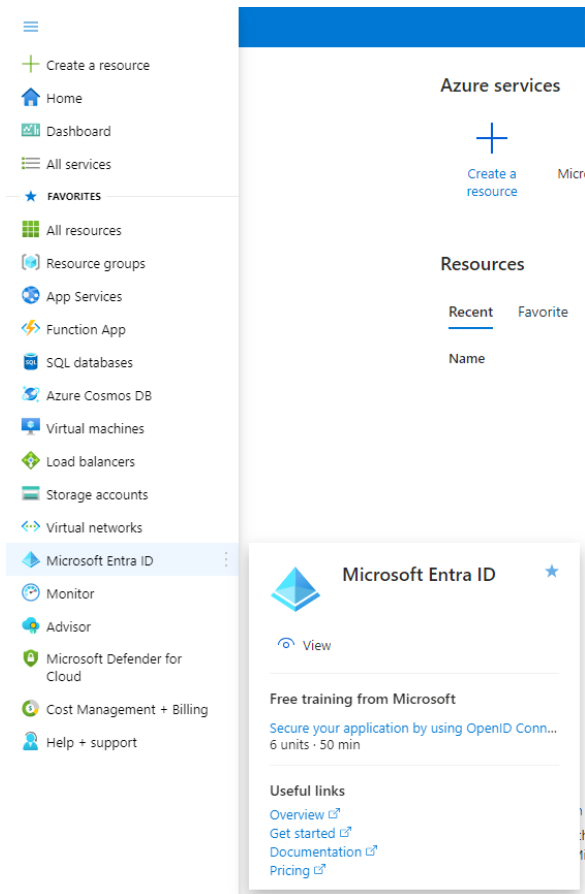
Register a new application in the Azure Portal

For the Teams app to authenticate to Application Workspace, you'll need to set up a new app registration in Microsoft Entra ID.

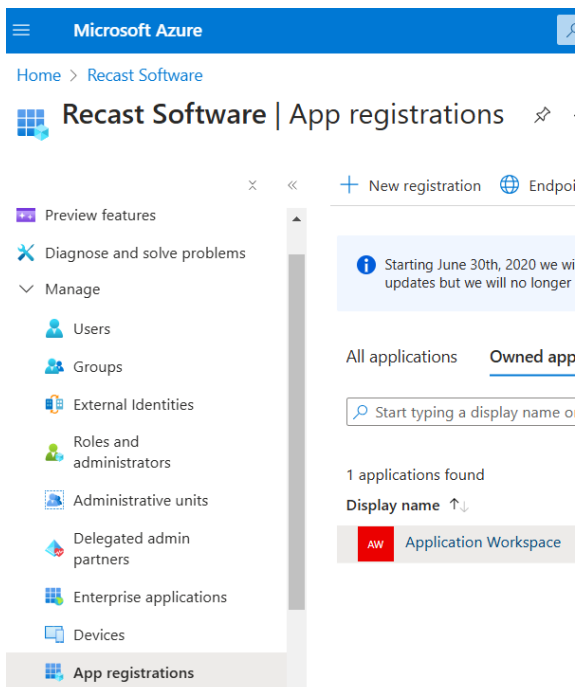
To set up a new app registration:

1. Log into the [Azure Portal](#).
2. Navigate to [Microsoft Entra ID](#).

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3. In the left pane, navigate to **Manage > App registrations**.



4. Click on **+ New registration** on the top toolbar.

5. In the **Register an application** window that opens, configure the following:

- Give your app a descriptive name. In our example, we use **Application Workspace Teams App**.

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- In the **Supported account types** section, select 'Accounts in this organizational directory only (tenant only – Single tenant)'. For more information about the supported account types, see [Microsoft documentation](#) .

[Home](#) > [Recast Software | App registrations](#) >

Register an application

Application Workspace ✓

Supported account types

Who can use this application or access this API?

- Accounts in this organizational directory only (Recast Software 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...](#)

6. Click **Register** on the bottom left, to complete the initial app registration.

7. After registering the new application, make a note of the **Application (client) ID** from the overview menu option. It will be necessary later, for the Microsoft Entra app manifest generator. We will use `< RECASTSOFTWARE-MST-App-ID>` to reference this value.

The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header with the Microsoft Azure logo and a search bar. Below the header, the breadcrumb navigation shows 'Home > Recast Software | App registrations > Application Workspace'. The main content area is divided into a left-hand navigation pane and a right-hand main pane. The left pane has a search bar and a list of menu items: Overview (selected), Quickstart, Integration assistant, Diagnose and solve problems, Manage, Branding & properties, Authentication, and Certificates & secrets. The right pane shows the 'Essentials' section for the 'Application Workspace'. It lists several properties: Display name (Application Workspace), Application (client) ID (highlighted with a red box), Object ID, Directory (tenant) ID, and Supported account types (My organization only). At the bottom of the right pane, there's a blue information banner with a warning icon and text: 'Starting June 30th, 2020 we will no longer add any new features to Azure AD and security updates but we will no longer provide feature updates. Applica'.

Download the Microsoft Teams app manifest files

To download the Teams app manifest files:

1. Navigate to the [Application Workspace Download](#) page.
2. Fill in the fields:

Field	value
Workspace URL	<code><RECASTSOFTWARE-URL></code>
App registration identifier	<code>< RECASTSOFTWARE-MST-App-ID></code>
Workspace URL	<code><RECASTSOFTWARE-Scope></code>

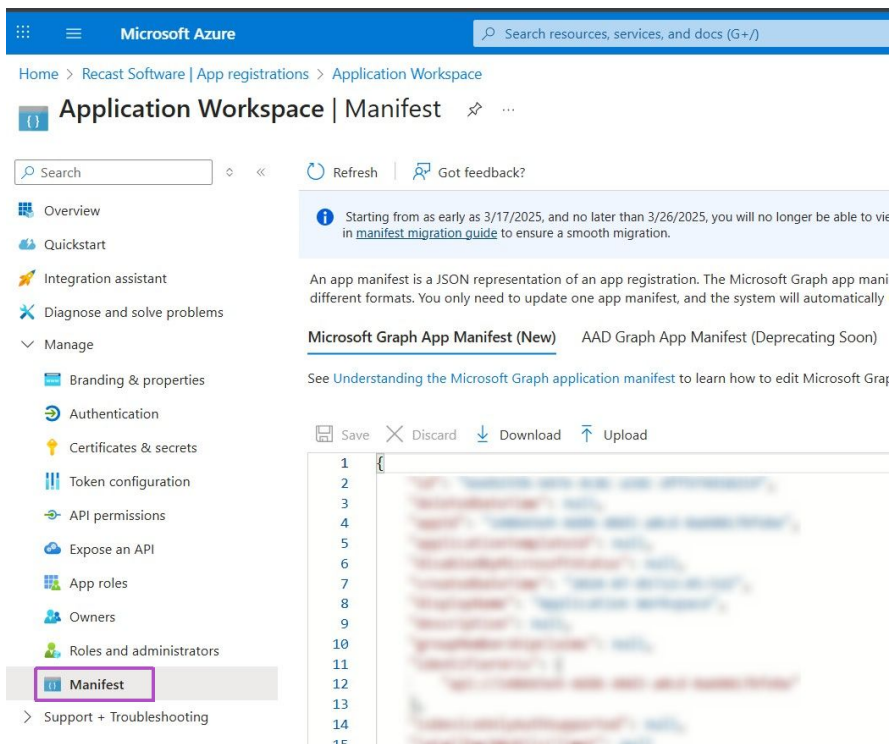
3. When you finish, click **Generate**.

The screenshot shows the Recast Application Workspace interface. At the top, it says "Recast" and "Application Workspace" with the tagline "All Your Applications. One Unified Experience." Below this is a navigation menu with items: Production, Setup Commander, Archive, Application Workspace Agent Bootstrapper, Integrations, Preview, and Teams App [Preview]. The main content area is titled "Application Workspace for Microsoft Teams (Preview)" and includes a link to documentation. There are three input fields: "Workspace url" with placeholder "<RECASTSOFTWARE-URL>", "Application Workspace for Microsoft Teams app registration identifier" with placeholder "< RECASTSOFTWARE-MST-App-ID>", and "User impersonation scope used in Application Workspace" with placeholder "<RECASTSOFTWARE-Scope>". A blue "GENERATE" button is at the bottom.

4. It will generate a zip archive containing 2 .JSON files. After the download is finished, extract the zip file into a directory. You will need these Microsoft Teams app manifest files for the next step.

Add the Application Workspace app manifest to Entra ID

1. In the Azure Portal, open the Recast Teams App, you previously registered.
2. Navigate to Manage > Manifest, and upload the `appreg_1.json` and for `appreg_2.json` files.

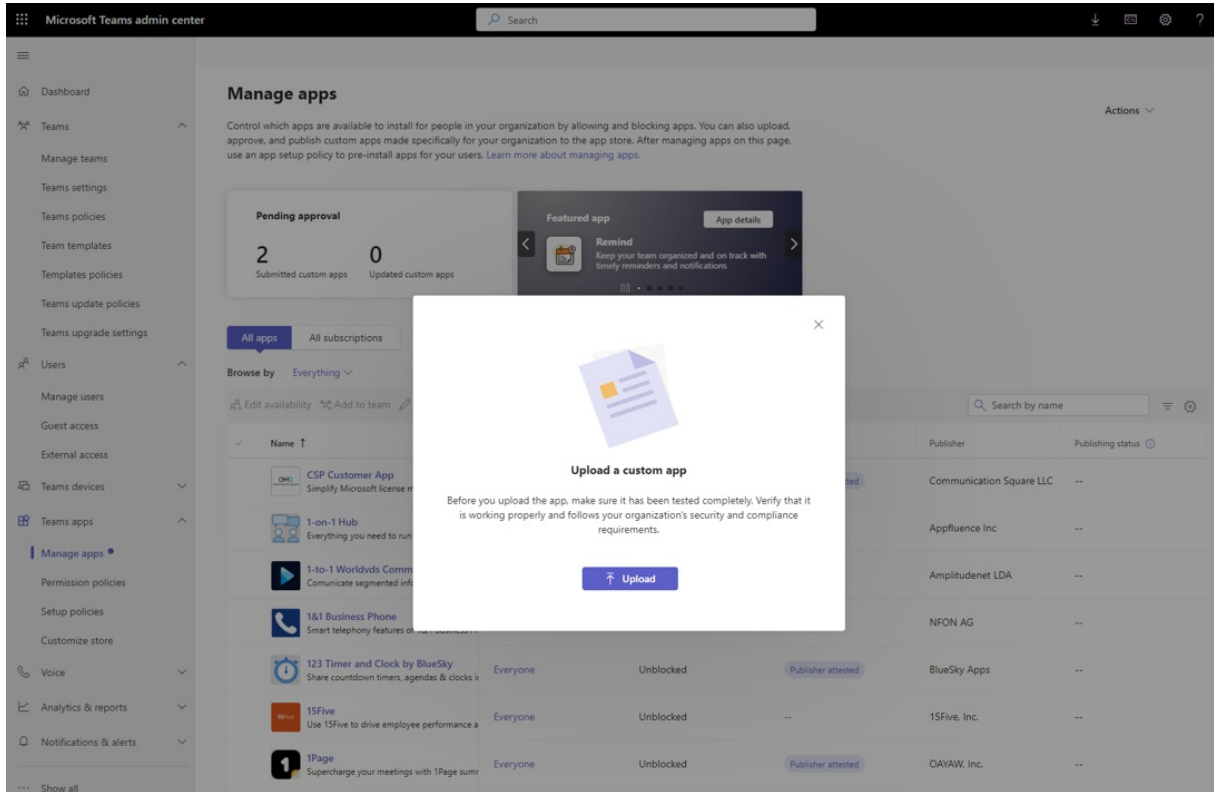


Publish the application to Microsoft Teams

To publish the application to Teams:

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1. Open the Microsoft Teams administrator centre and go to Teams apps > Manage apps.
2. Click on the Actions dropdown menu > Upload new app.
3. Select the package.zip in the extracted bundle directory. See [Download the Microsoft Teams app manifest files](#) section, step 4.



NOTE: It can take some time before the app shows up in Microsoft Teams.

Set up CORS and CSP in Application Workspace

For the Microsoft Teams app to communicate with Application Workspace, you must configure CORS.

1. In Application Workspace, navigate to **Manage > Portal > Security Settings > Content Security Policy**.
2. Add the following link to the list of allowed websites:

<https://workspace-apps.recastsoftware.com>

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CSP is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks. Deprecated headers will also be used for maximum compatibility (X-XSS-Protection and X-Frame-Options).


Enforce the policy

Report violations

The url where the CSP violation reports should be send to *

Upgrade insecure requests and enforce HTTPS schema

List of websites that are allowed to embed the zone (only used if enforce and/or reporting is enabled)

+ Add Edit		Export	Search for...
Website ↑			
 https://workspace-apps.recastsoftware.com			

Save