

Company Communicator Application

Deployment Guide to deploy company communicator application enhancements

REVISION HISTORY

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| --- | --- | --- | --- |
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1. OVERVIEW

Following are the list of feature request on top of existing functionality of Company communicator

* Ability to see who have read/viewed the communications.
* Ability to schedule a communication and send it later
* Ability to add a feedback to a communication
* Ability to send communication to distribution group or active directory
* Placeholder for BI analytics
* Ability to send recurring communication

Prerequisites:

* [Visual studio 2019](https://visualstudio.microsoft.com/downloads/) (Community/Enterprise) installation
* [Node JS](https://nodejs.org/en/download/) installation

To deploy the app, follow below steps.

# Deployment steps to deploy application:

### Step 1: Update Azure AD application for Bot.

1. Log in to the [Azure Portal](https://portal.azure.com/) for your subscription where you have Office 365 tenant, and search with "App registrations" in the search bar. It will redirect to the "App registrations" service.
2. Search for the app registration which was created for company communicator app and open.
3. In left rail under “Manage”, click on “API Permissions”.
4. Click on “Add a permission” button to add permission to your app.
5. Select “Microsoft Graph”, then select “Application permissions” and check the following permissions,
   1. Directory.Read.All
6. Click on “Add Permissions” to commit your changes.
7. If you are logged in as the Global Administrator, click on the “Grant admin consent for %tenant-name%” button to grant admin consent else, inform your Admin to do the same through the portal or follow the steps provided here to create a link and sent it to your Admin for consent.

### Step 2: Create deployment slots for app service.

1. Go to azure portal (Azure Subscription where Company communicator resources are created) & deployment slots section of app service.
2. Click on Add slot button & provide name, from clone settings from: select settings of existing created resource.
3. Go to your configuration section of new slot and add below configuration value. Replace tenant id with value.

{

"name": "AADInstance",

"value": "https://login.microsoftonline.com/<<TenantId>>",

"slotSetting": false

},

1. Navigate to deployment slots section of **azure function** app service.
2. Click on Add slot button & provide name, from clone settings from: select settings of existing created resource.
3. Go to your configuration section of new slot and add below configuration value. Replace tenant id with value.

{

"name": "AADInstance",

"value": "https://login.microsoftonline.com/<<TenantId>>",

"slotSetting": false

},

{

"name": "TenantId",

"value": "<<TenantId>>",

"slotSetting": false

},

### Step 3: Download the publish profile of newly created slot app service, azure function and deploy application code using Visual Studio.

1. Go to [Azure Portal] (https://portal.azure.com ).
2. Navigate to new slot and download the publish profile.
3. Download the Source code and open solution with Visual studio.
4. Build your solution and right click on project (Microsoft.Teams.Apps.CompanyCommunicator) and select publish code.
5. It will open the window to browse the publish profile.
6. Select the file & click on publish button.
7. It will start deploying the code.
8. After successful deployment, go to your app service deployment slot and swap your slot via clicking on swap button. It will start swapping the code and will point to deployed code.
9. Navigate to azure function service new slot and download the publish profile.
10. Build your solution and right click on project (Microsoft.Teams.Apps.CompanyCommunicator.Send.Func) and select publish code.
11. It will open the window to browse the publish profile.
12. Select the file & click on publish button.
13. It will start deploying the code.
14. After successful deployment, go to your azure function app service deployment slot and swap your slot via clicking on swap button. It will start swapping the code and will point to deployed code.