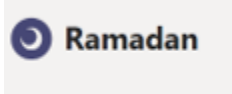


Ramdan App - Deployment Guide



Version 1.3 Final

Prepared by

Ahmed Elshawa

Sr Customer Engineer

MICROSOFT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT.

Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright, no part of this document may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Microsoft Corporation.

Microsoft may have patents, patent applications, trademarks, copyrights, or other intellectual property rights covering subject matter in this document. Except as expressly provided in any written license agreement from Microsoft, our provision of this document does not give you any license to these patents, trademarks, copyrights, or other intellectual property.

The descriptions of other companies' products in this document, if any, are provided only as a convenience to you. Any such references should not be considered an endorsement or support by Microsoft. Microsoft cannot guarantee their accuracy, and the products may change over time. Also, the descriptions are intended as brief highlights to aid understanding, rather than as thorough coverage. For authoritative descriptions of these products, please consult their respective manufacturers.

© 2020 Microsoft Corporation. All rights reserved. Any use or distribution of these materials without express authorization of Microsoft Corp. is strictly prohibited.

Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

Table of Contents

Pre-requisites.....	3
Create SharePoint Site for Ramadan App.....	3
Restore SharePoint lists	3
Import the Riddle app.....	3
Create Yammer community.....	12
Import Ramadan Teams App.....	13
Configure SharePoint Site.....	14

Pre-requisites

To start with PnP PowerShell, you need to download and install Windows Management Framework 5.1 from <https://www.microsoft.com/en-us/download/details.aspx?id=54616> (Select the appropriate download as per your operating system)

Open SharePoint Online Management Shell or Windows PowerShell as Administrator and Run:

Install-Module SharePointPnPPowerShellOnline

Create SharePoint Site for Ramadan App

Use the following script to create SharePoint Online Site.

1. Edit script file "1.CreateSite.ps1".
2. Replace <<tenant>> with the customer tenant.
3. Run script file "1.CreateSite.ps1 script" in windows PowerShell.
4. When prompt to login, use SharePoint Global Admin credentials.

Alternative way is to use GUI to open create a new communication site from portal.office.com.

Restore SharePoint lists

Use the following script to import the Ramadan App SharePoint Site .

5. Edit script file "2.ApplyTemplate.ps1".
6. Replace <<tenant>> with customer tenant.
7. Make sure that the path of "RamadanSiteContent.xml" is correct.
8. Unzip SiteAssets Folder and place it in the same directory of "RamadanSiteContent.xml".
9. Run the script in Windows PowerShell.

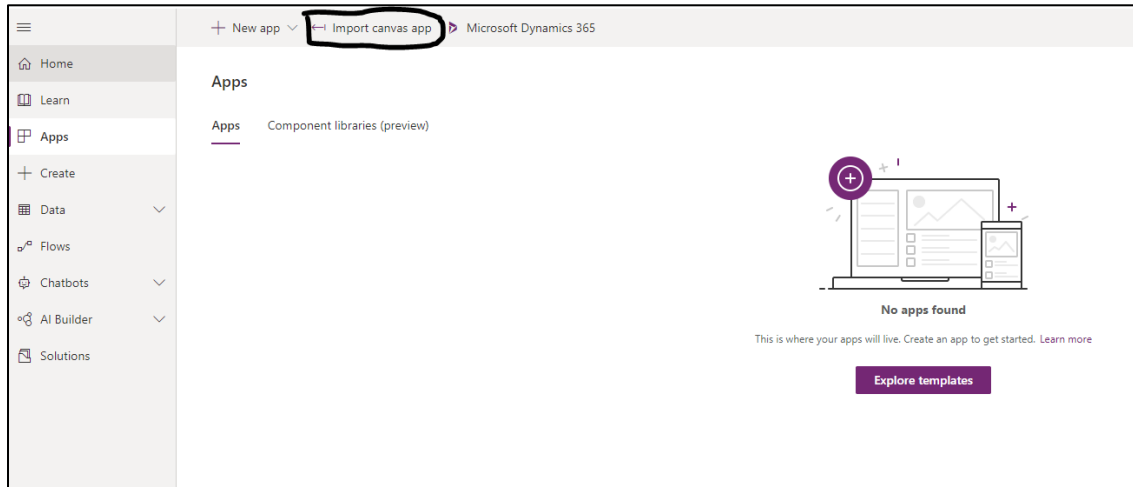
If the cmdlet `Apply-PNPProvisioningTemplate` was not recognized, replace it with the following cmdlet `Invoke-PNPSiteTemplate` and keep using the same parameters.

Apply-PNPProvisioningTemplate is part of SharePointPnPPowershellOnline , while invoke-PNPSiteTemplate is part of PNPPowershell.













Import the Riddle app

Steps to import the riddle power app and two power flow. The first flow will be used to check if the user already tried to answer the riddle, while the second flow is used to submit the user answer.

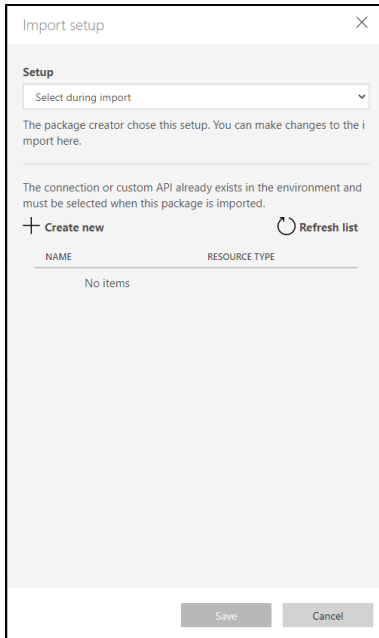
10. Sign in to [Business Apps | Microsoft Power Apps](#)
11. From left menu go to **"Apps"**
12. From upper menu go to **"Import Canvas App"**.



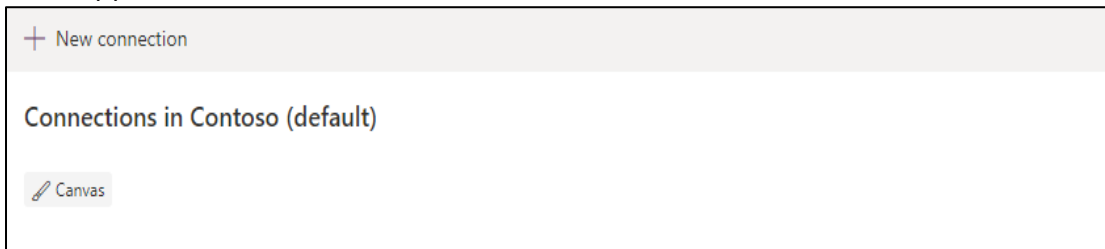
13. Click on Upload and browse to the location of "RamadanRiddleApp.zip".
14. Click on the SharePoint connection.

Review Package Content			
Choose your import options.			
NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
 RamadanRiddleApp	App	Create as new	
Related resources			
NAME	RESOURCE TYPE	IMPORT SETUP	ACTION
 RamadanPowerApps Flow	Flow	Create as new	
 RamadanCheckUserAnswer	Flow	Create as new	
 TestRamadanPowerAppsFlow	Flow	Create as new	
 TestRamadanCheckUserAnswer	Flow	Create as new	
 aelshawah@microsoft.com	SharePoint Connection	Select during import	

15. Click on **" + Create New"**.





16. From upper ribbon click on “+ **New Connection**”.



17. Choose “**SharePoint**”.

18. Choose “**Connect directly (cloud-services)**”.

 Adding connection...



SharePoint
Microsoft

SharePoint helps organizations share and collaborate with colleagues, partners, and customers. You can connect to SharePoint Online or to an on-premises SharePoint 2013 or 2016 farm using the On-Premises Data Gateway to manage documents and list items.

How do you want to connect to your data?

☒ Connect directly (cloud-services)

☐ Connect using on-premises data gateway ?

Cancel

Create

19. This will open pop up – sign in in that pop up.

20. Go back to the previous screen and choose the connection and click on **"Save"**.

Import setup

Setup

Select during import

The package creator chose this setup. You can make changes to the import here.

The connection or custom API already exists in the environment and must be selected when this package is imported.

+ Create new

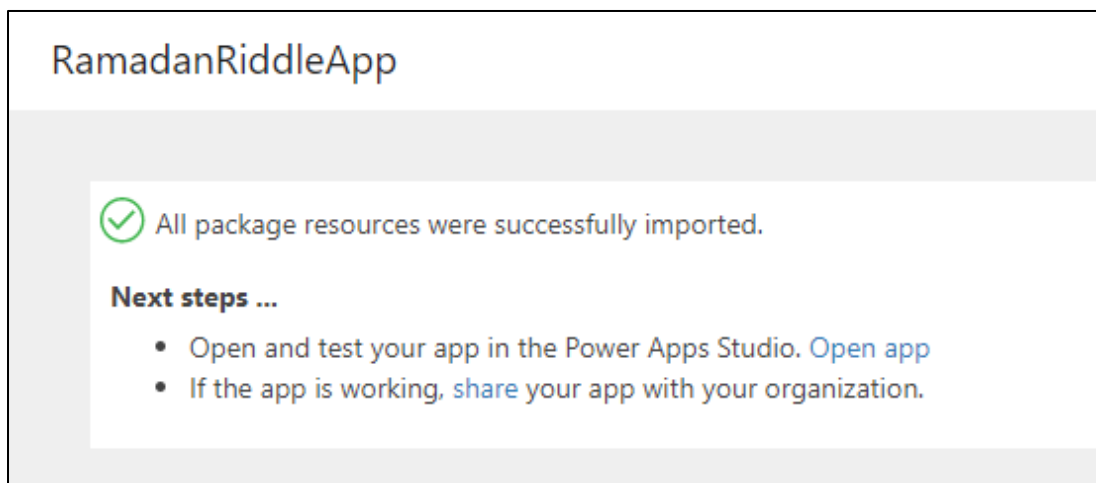
Refresh list

NAME	RESOURCE TYPE
Microsoft.com	9 sec ago ✓

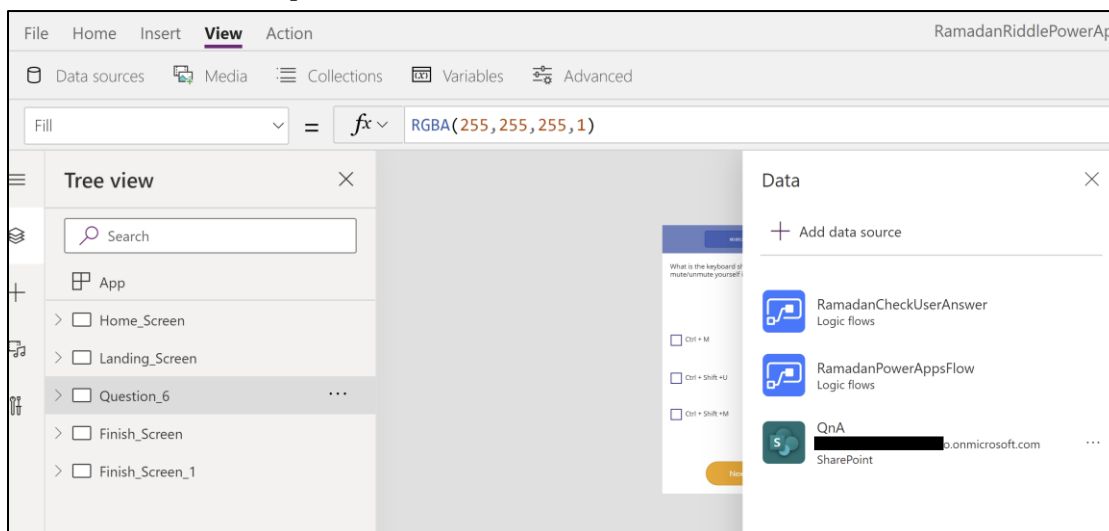
Save

Cancel

21. Click on **"Import"**.
22. You should receive the following message.



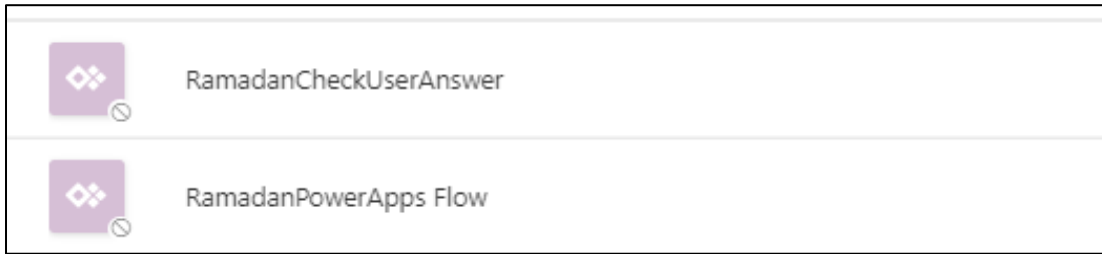
23. From left menu go to **"Apps"**, select **"RamadanRiddlePowerApp"** click on the content menu **"..."**, select **"Edit"**. This will open the app in edit mode.
24. From upper ribbon click on **"View"** then click on **"Data sources."**. Remove the old **QnA** connection then Click on **"Add data Source"** to a new SharePoint connection, select the newly created Ramadan app and then select the SharePoint list **QnA**. Make sure it comes with the same name **QnA**.



Configure the Riddle Flows

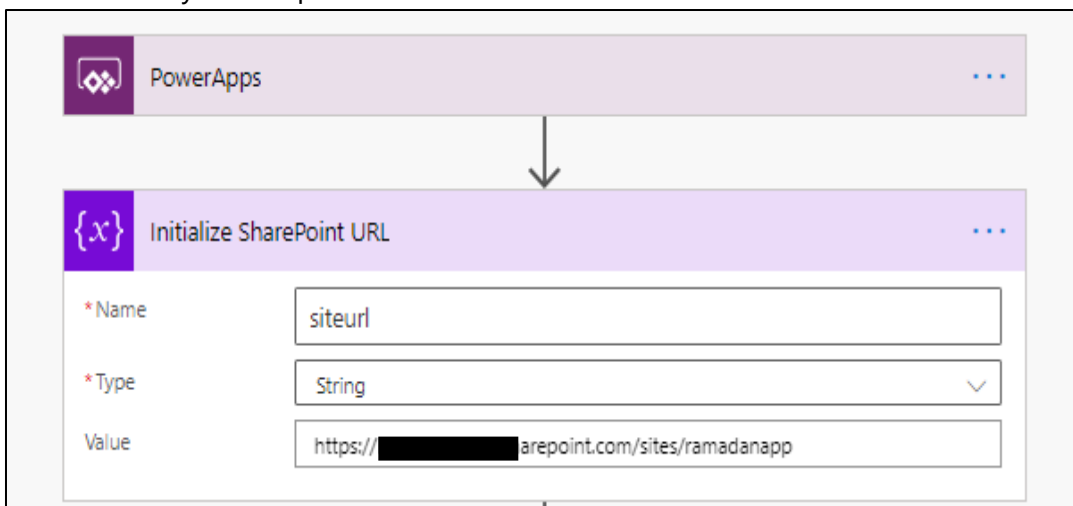
25. Browse to [Power Automate | Microsoft Power Platform](#)

26. Make sure that the following two flows have been created.



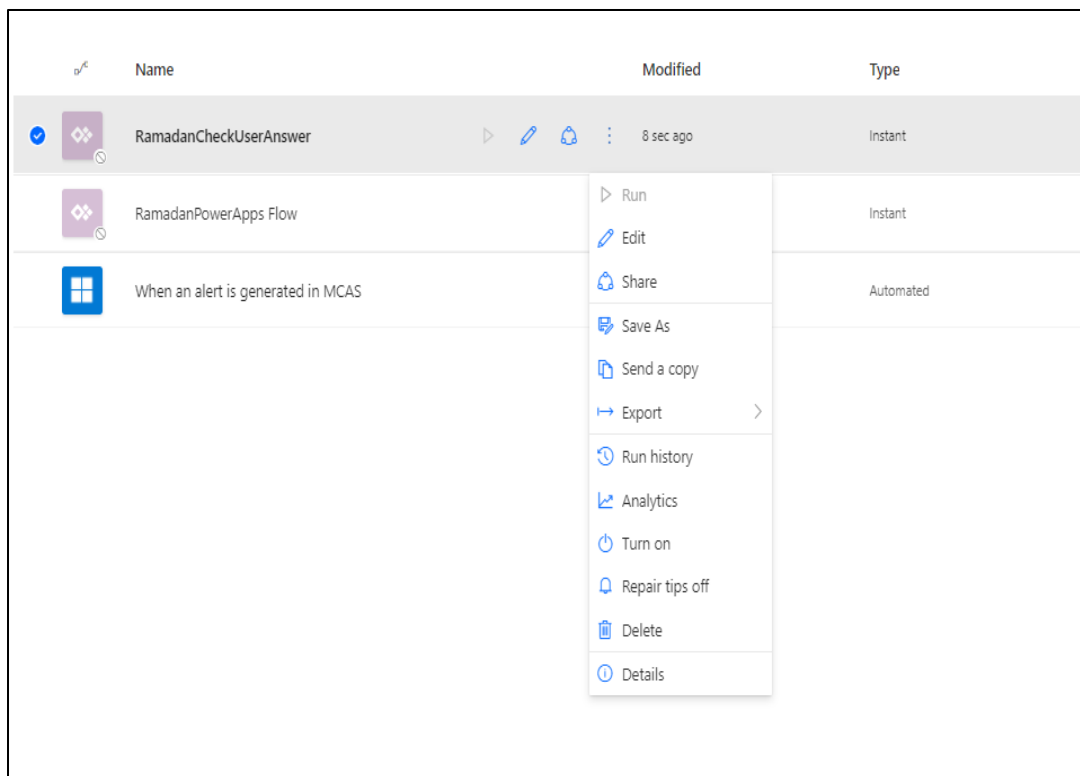
27. Edit "**RamadanCheckUserAnswer**" Flow.

28. In the "**initialize SharePoint URL**" activity change the value with the SharePoint URL that was created by the script.



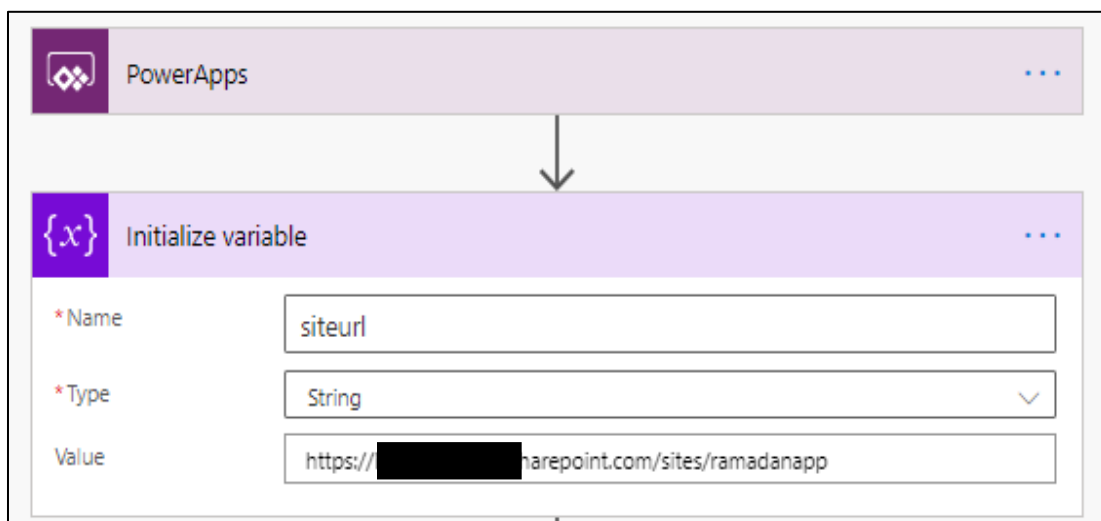
29. Click "**Save**".

30. Go back to My Flow screen. On the context menu click on "**Turn on**".



31. Next Edit the flow "**RamadanPowerApps Flow**"

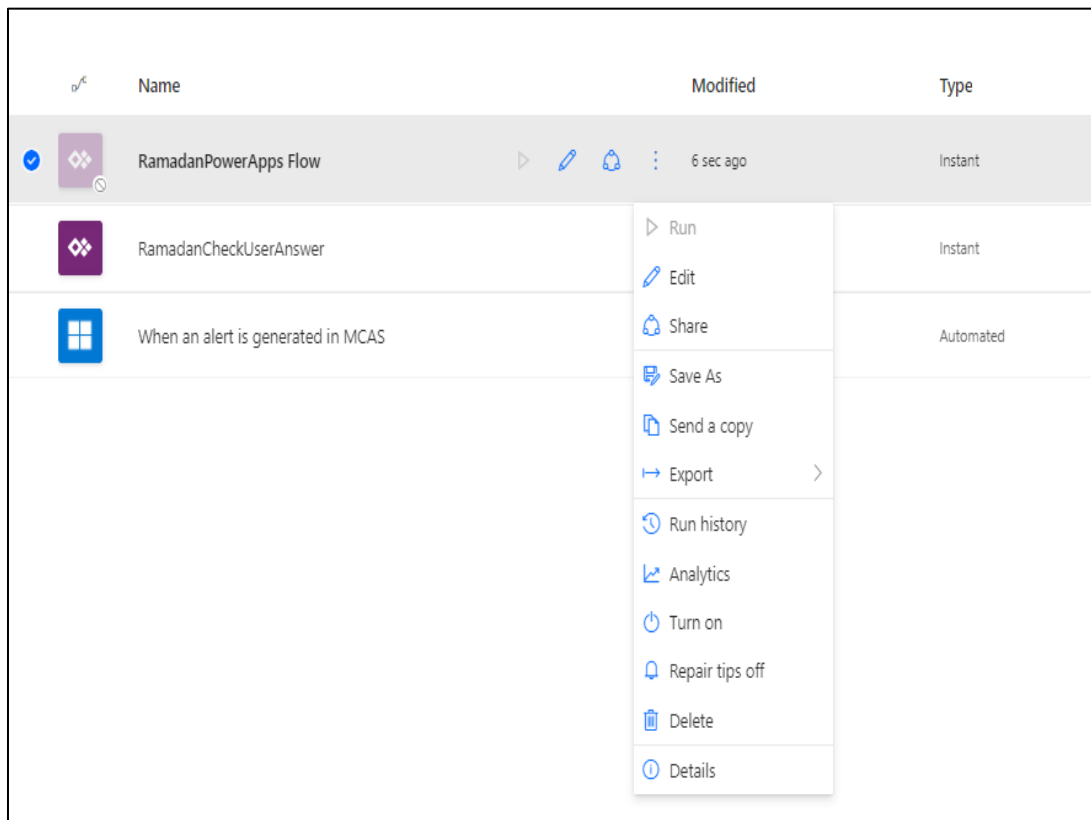
32. In the "**initialize Variable**" Activity – Change the value to the SharePoint site URL.



33. Save the flow.

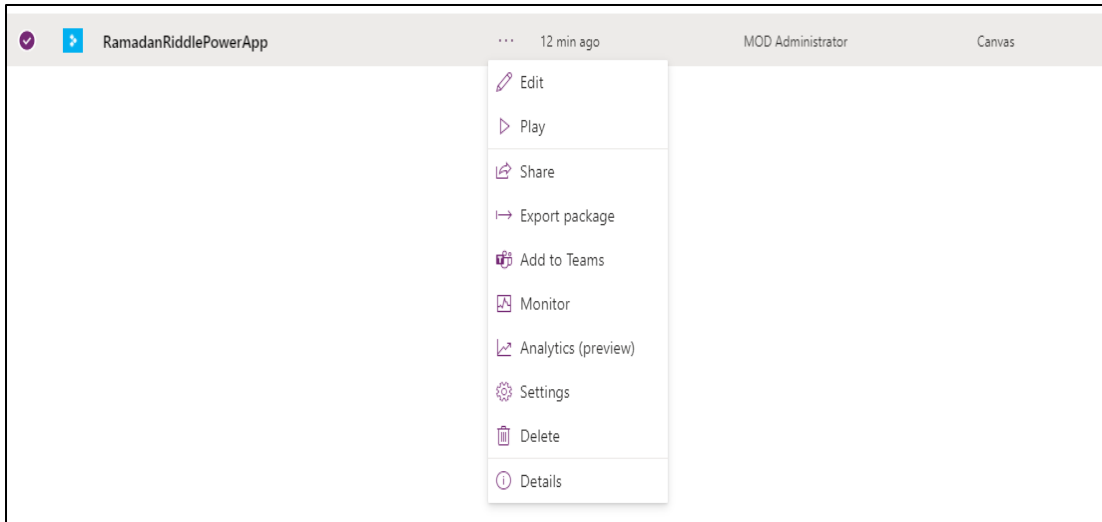
34. Click on the context menu of "**RamadanPowerApps Flow**" and click on "**Turn on**".

35. Go back to "**my flows**" page.

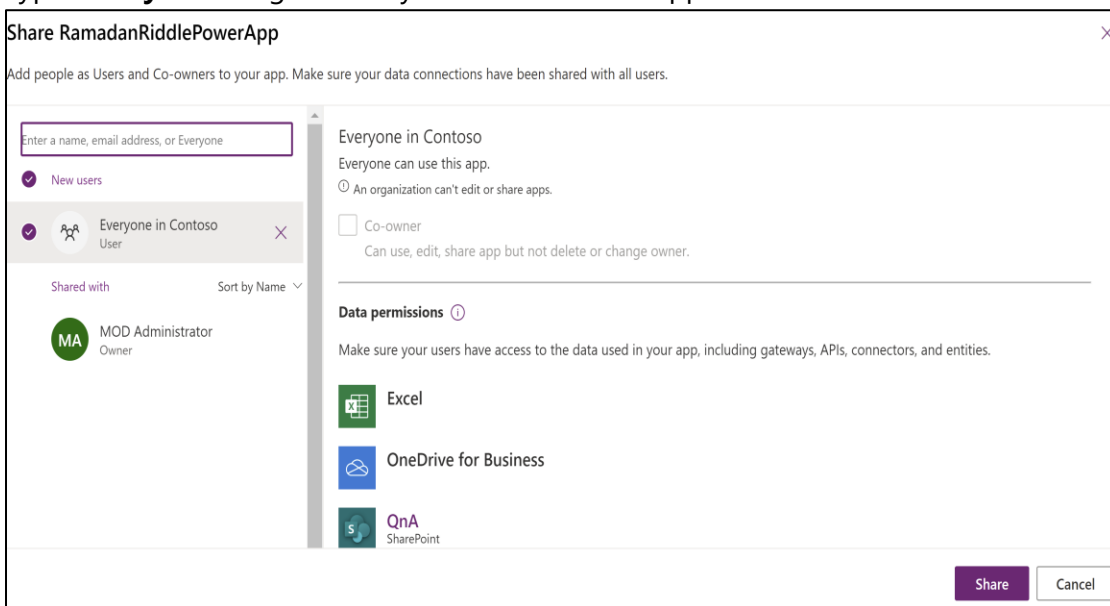


Configure the Riddle app

36. Go to PowerApps studio.
37. Click on the context menu of "**RamadanRiddlePowerApps**" "..." and from the upper Menu click on "**Share**".



38. Type **"Everyone"** to grant everyone access on the app and click on **"Share"**.



39. Click on the context menu of **"RamadanRiddlePowerApps "..."** and from the upper menu.

40. Click on **"Details"**.

41. Copy the web link.

42. Open the following link

<https://<tenant>.>.sharepoint.com/sites/RamadanApp/sitePages/Fazoora.aspx>

43. Edit the page.

44. Edit the PowerApps webpart at the bottom of the page.

45. Paste the web link of the power app.

46. Click on **"Allow"** inside the PowerApps.

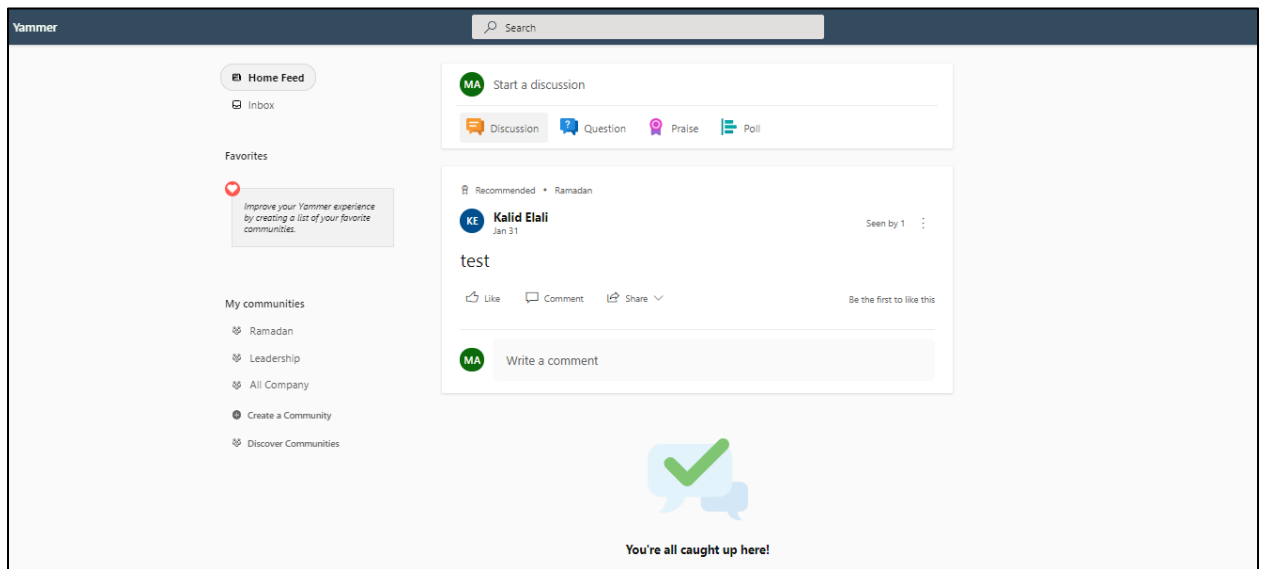
47. **Republish** the SharePoint Page.

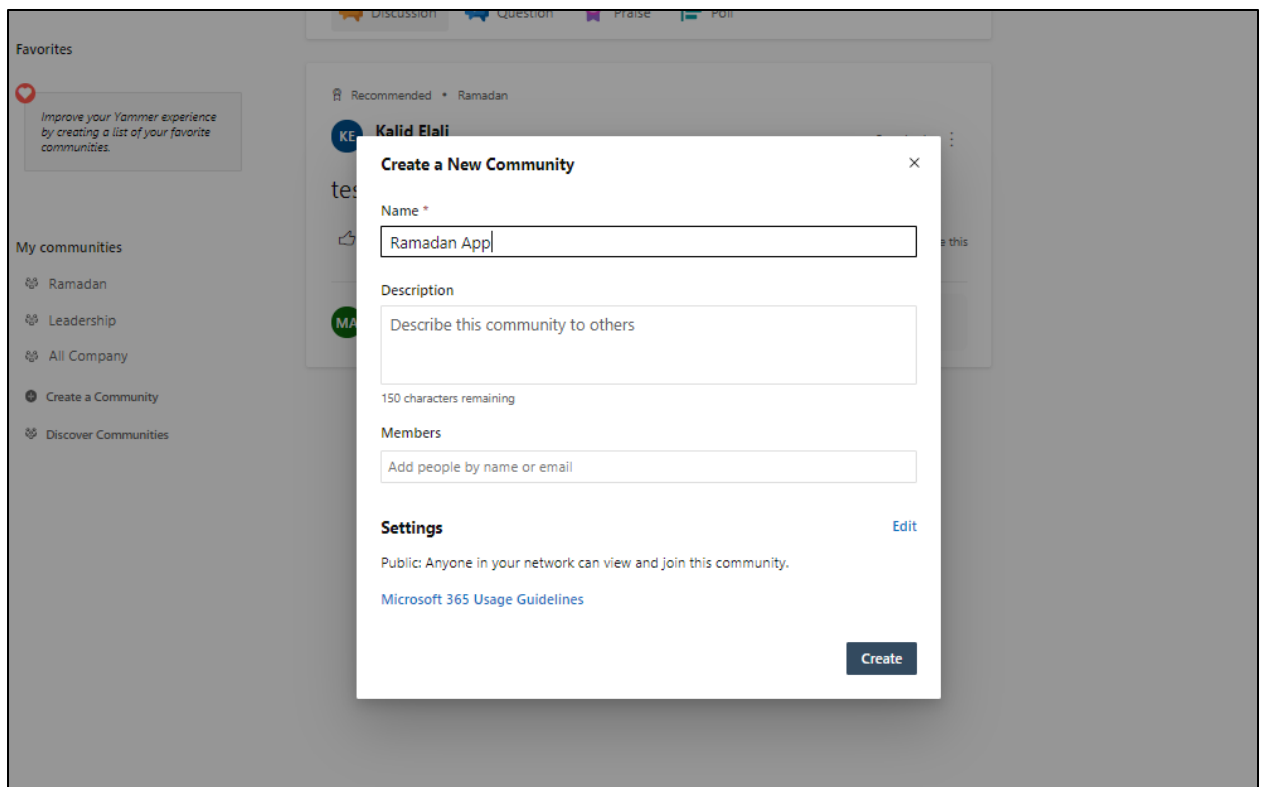
Create Yammer community

Yammer group will be created and it will be displayed on SharePoint page . The yammer feed will be used as a social feed for the users.

48. Go to www.yammer.com

49. Create a new public community.





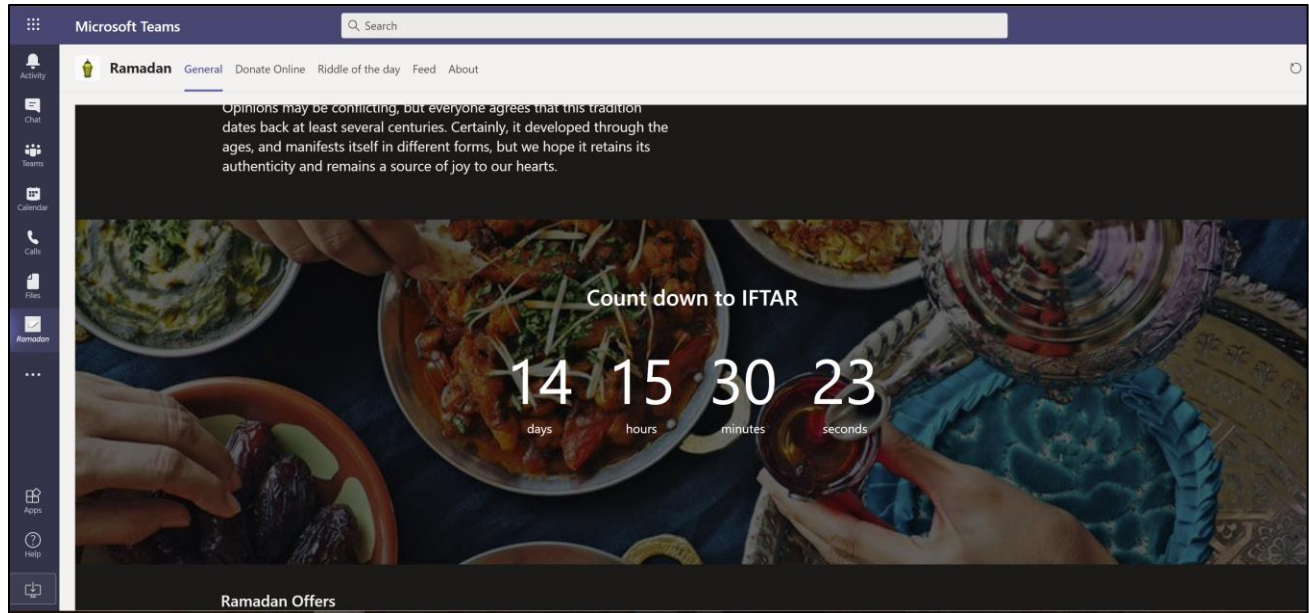
50. Edit Page [https://<tenant>.sharepoint.com /sites/RamadanApp/SitePages/Share-your-dish.aspx](https://<tenant>.sharepoint.com/sites/RamadanApp/SitePages/Share-your-dish.aspx)

51. Edit the conversation webpart (Yammer) and select the new community that you created in Yammer.

Import Ramadan Teams App

The app is consisted of SharePoint tabs. Follow these steps to modify the manifest and upload the team app.

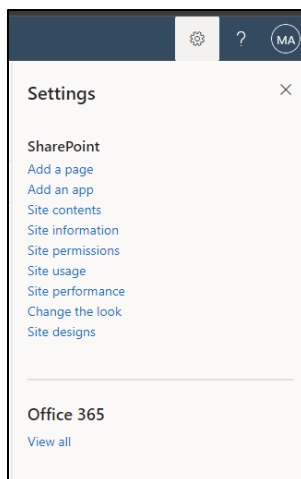
52. Unzip Ramadan App.
53. Edit the manifest file.
54. replace <tenant> with the customer tenant.
55. Zip the manifest file with the other two files.
56. Upload solution to teams.



Configure SharePoint Site

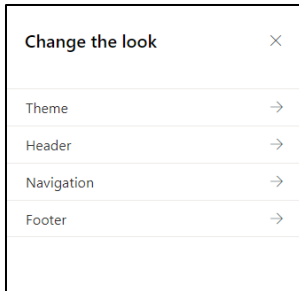
57. Go to Sharepoint site [https://<tenant>.sharepoint.com /sites/RamadanApp](https://<tenant>.sharepoint.com/sites/RamadanApp) .

58. Click on **"Site Settings"**.

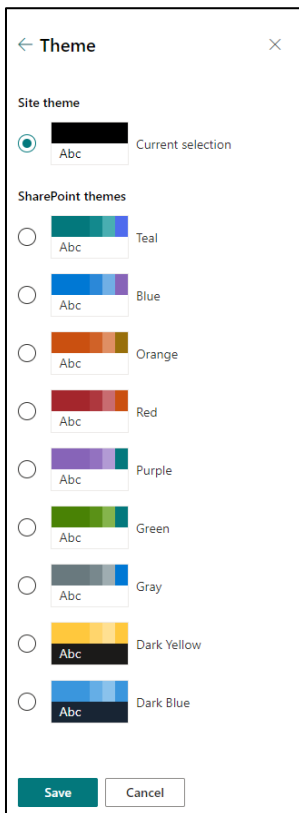


59. Click on **"Change the look"**.

60. Select **"Theme"**.



61. Select "**Dark yellow**" and click "**Save**".



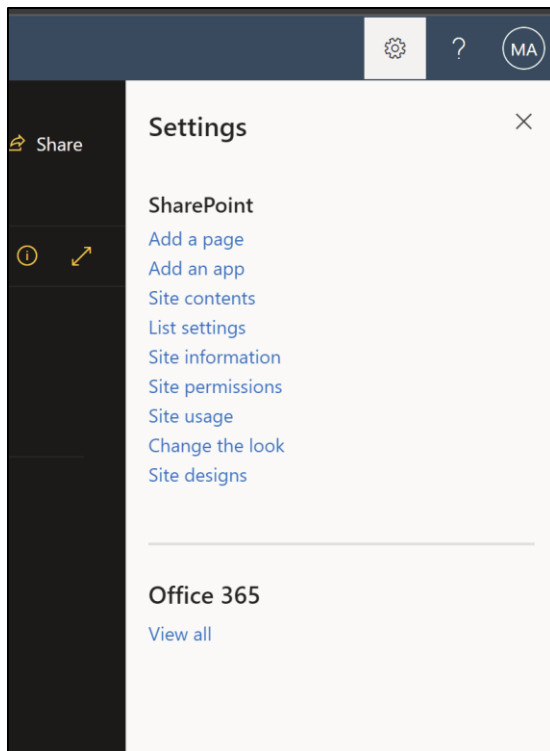
62. Grant the users read permissions on SharePoint portal.

63. Go to SharePoint Site.

64. Go to Site Contents.

65. Click on SharePoint list "**userPointslist**".

66. From site settings go to "**list Settings**".

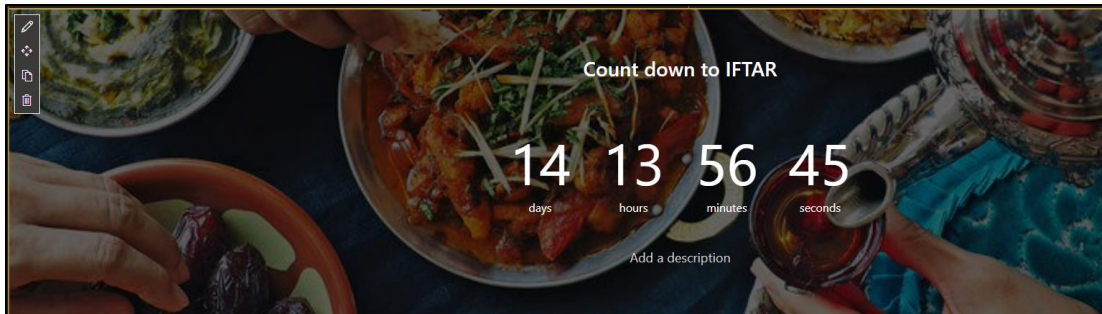


67. Click on "**Permissions for this list**".
68. From upper ribbon click on "**Break inheritance**".
69. Grant the users contribute permissions on this list.
70. Edit "**3.HideLists.ps1**" script.
71. Replace <<tenant>> with customer tenant.
72. Run "**3.HideLists.ps1**" script.

Configure Iftar Counter Site


Everyday Site admin has to a new set Iftar Time .


73. Go to Iftar page, the default one is
<https://<<tenant>>.sharepoint.com/sites/RamadanApp>.
74. Click on "**Edit**" to edit the page.
75. Edit "**Countdown to Iftar**".



76. Set Date and Time reflect the date and time for Iftar of that day.


Date and time

Sun Feb 07 2021 

6:30 AM 

(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna ⓘ

Display timer as

Days, hours, minutes, seconds 

77. Click **"Republish"**.

Configure Riddle Questions

The riddle app is developed to display one question for every day. 20 questions for the working days of Ramadan month. The questions are about how to use teams.

Every user has only one chance to answer the riddle of the day and he gets 30 seconds to submit his answer.

If you want to display one question for testing purpose.

78. Go to the following URL

<https://<<tenant>>.sharepoint.com/sites/RamadanApp/Lists/QnA/AllItems.aspx>

79. Change the “**QuestionDate**” field for one of the question to be today’s date.

Deploy Ramadan Communicator

Please follow the steps on GitHub to deploy the Ramadan communicator.

<https://github.com/OfficeDev/microsoft-teams-apps-company-communicator>