# How to Setup Readify Labs
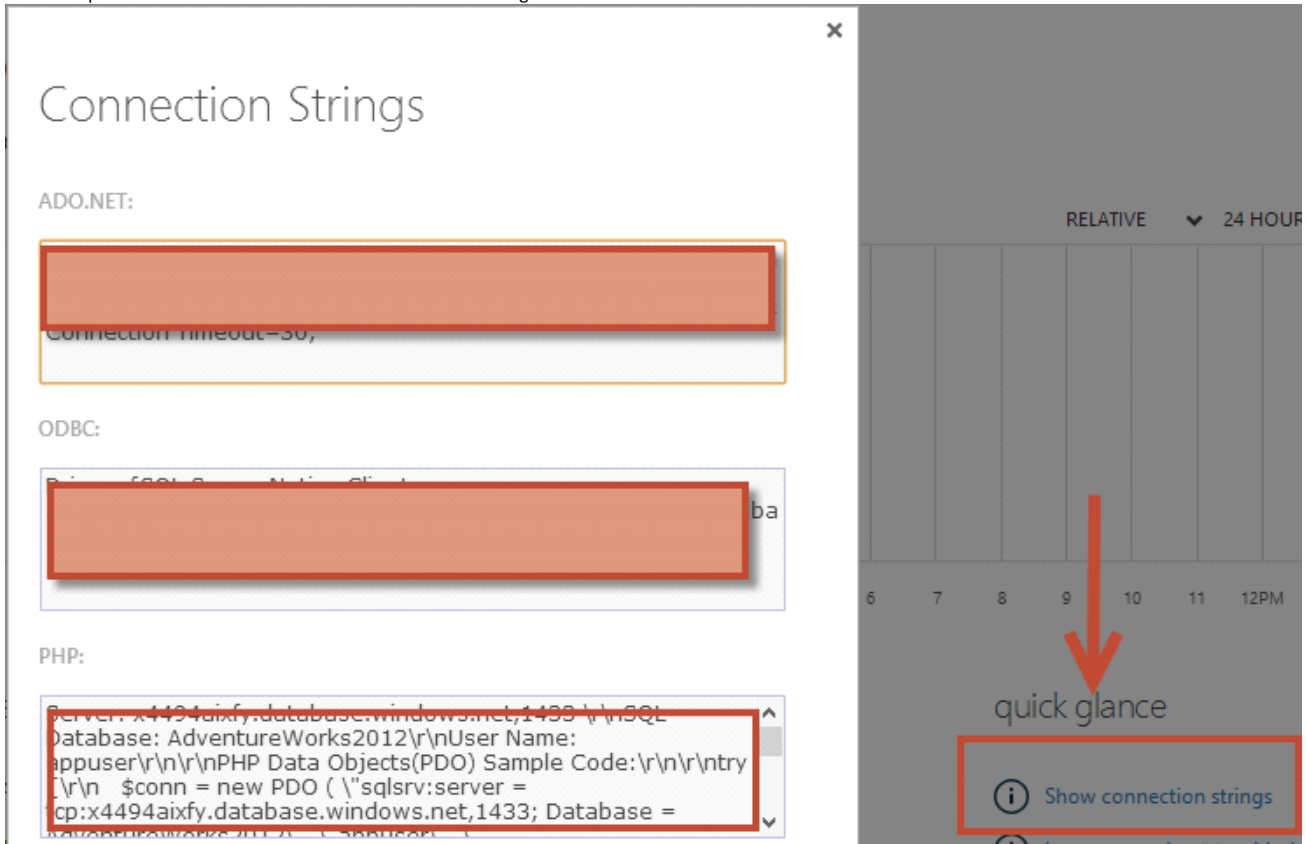
Friday, 11 October 2013     2:09 PM

## Preparation

1. Sign up for an Azure subscription (a trial will do)
2. Sign up for a Windows Store developer account
3. Sign up for an Office 365 account
4. From the Azure portal, create a SQL Azure database and copy its connection string.
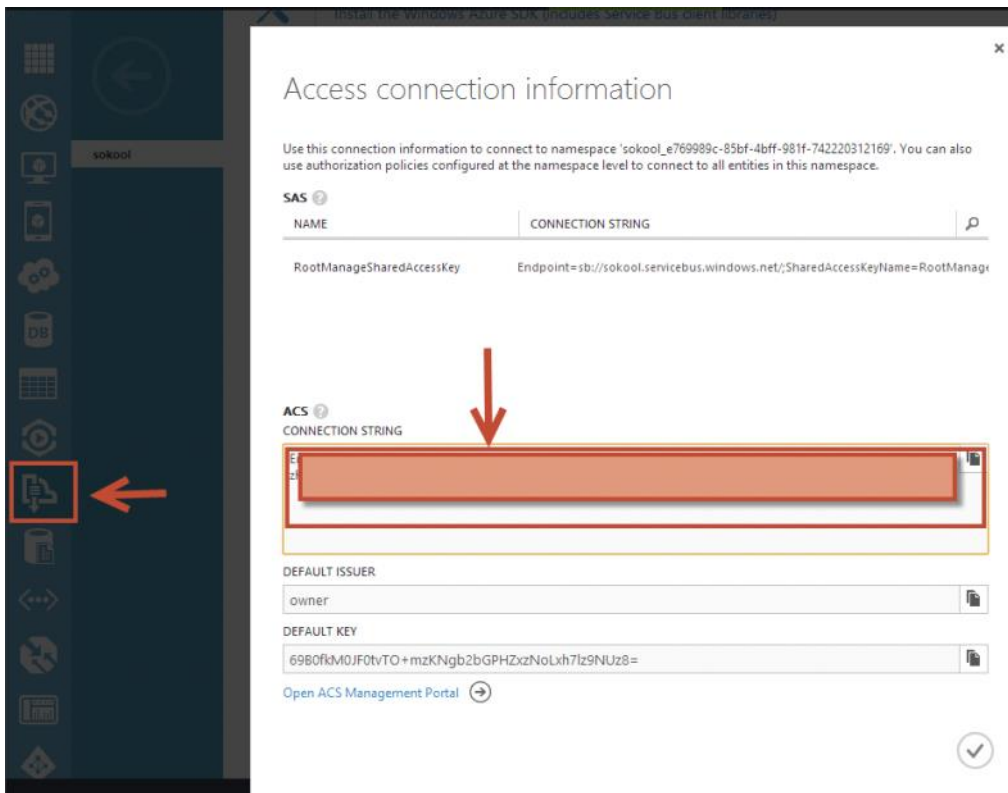   Note: The password needs to be filled out in the connection string



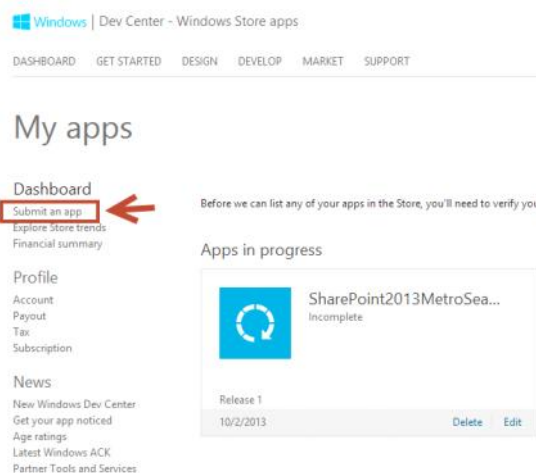5. From the Azure Portal, create an Azure website and download the publishing profile
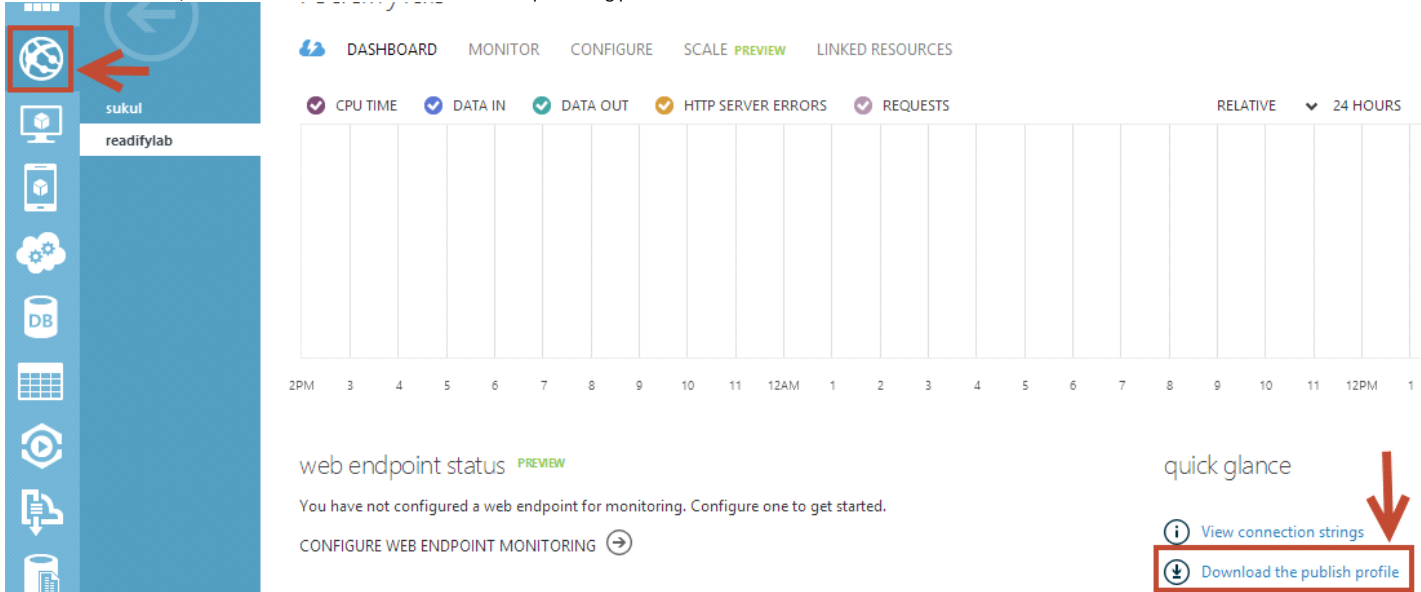


6. From the Azure portal, create a Service Bus and note its connection string
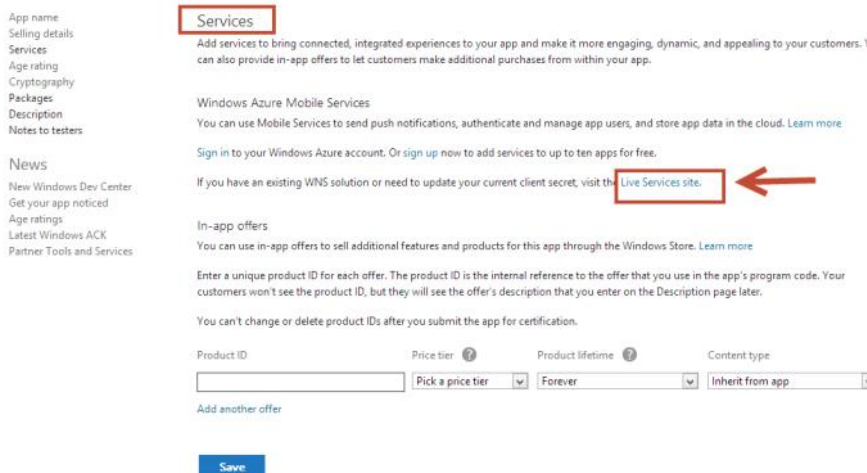
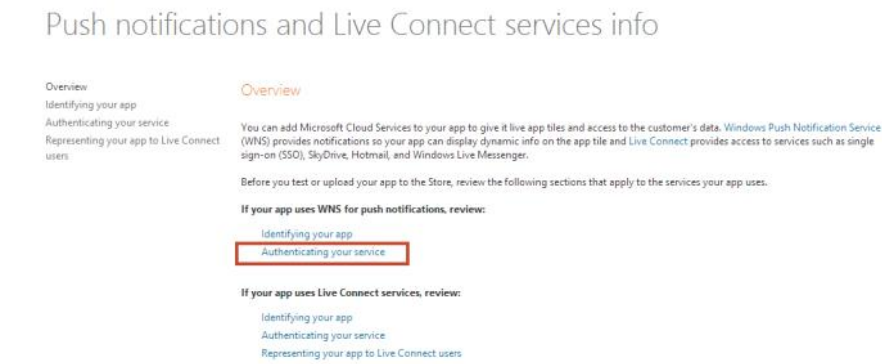7. From the Windows Store Portal dashboard, click "Submit an App"



8. Fill in the "App Name" section, then click on the "Services" section (note that you need to repeat this to create an App name for Demo 3 and one for Demo 4)
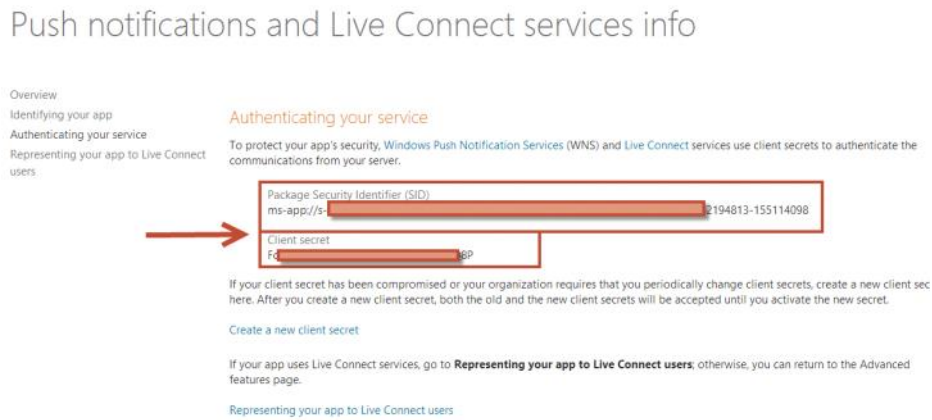9. Click on the "Live Services site" link

10. In the "Push notifications and Live Connect services info" page, click on "Authenticating your service"



11. Note the values for "Package Security Identifier (SID)" and "Client Secret"



12. In your Office 365 site, create a site with a Developer template
13. In your SharePoint Online website, browse to <Your root site url>/ _layouts/15/appregnew.aspx
14. Generate the Client Id and the Client Secret (see screenshot below), enter the following values

   **Title**: Roadshow
   **App Domain**: **https://<url to Azure website>** ex: https://readifylab.azurewebsites.net
   **Redirect Url: https://<url to Azure website>/pages/default.aspx** Ex: https://readifylab.azurewebsites.net/pages/default.aspx

Make a note of the **client id** and **client secret** and click "Create"



## Setting up the Demo Labs

1. Download the Demos zip package and unzip to a folder
   Demo 03
1. Open 03 - SharePoint Windows8 App.sln from the Demo-03 folder
2. **The SendWin8AppNotification** project
   a. Click the project and press F4 to open its properties
   b. In the Site Url property, enter the url to the SharePoint Online site with the Developer template which you created earlier and enter the SharePoint credentials, when prompted
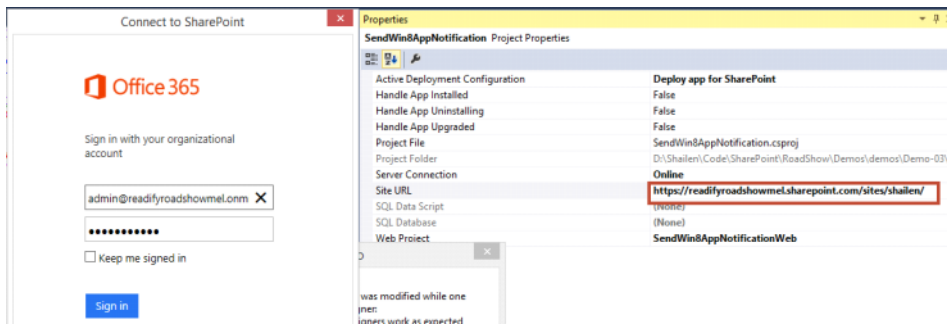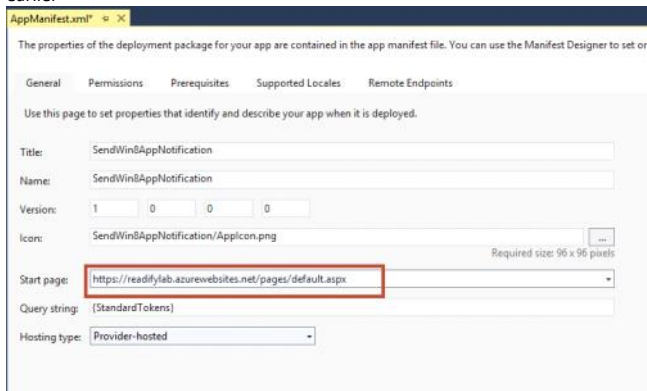
c. Right click the project and choose Properties and then select the "SharePoint" tab

d. Select "Enable debugging via Windows Azure Service Bus" and enter the Windows Azure Service Bus connection string from step 6
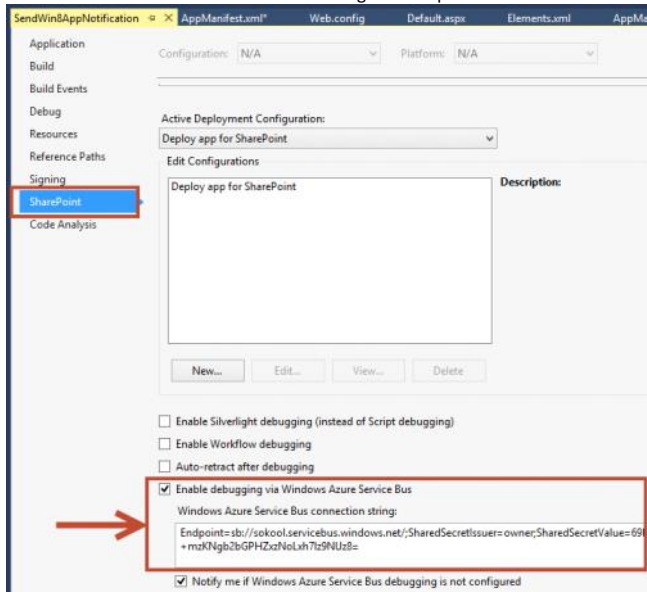


Double click AppManifest.xml

e. In the Start Page section, enter the url for the Azure website which you created earlier



f. Right-click on AppManifest.xml and select "View Code". Enter the ClientId from step 14 in the ClientId attribute value



g. Expand Tasks, NotifyEventReceiver, Elements.xml and enter the following value in the <Url> element

&lt;Url&gt;https://&lt;url to Azure website&gt;/Services/NotifyEventReceiver.svc&lt;/Url&gt;

Ex: https://readifylab.azurewebsites.net/Services/NotifyEventReceiver.svc

3. The **SendWin8AppNotificationWeb** project
   a. Open the Web.config file

b. In the "connectionStrings" section, enter the connectionstring to the Azure database that you created in step 4
c. In the WNS.Clientsecret key, enter the value for "Client Secret" identified in step 11 above
d. In the WNS.SID key, enter the value for "Package Security Identifier (SID)" identified in step 11 above
e. In the ClientId key, enter the value for ClientId identified in step 14 above
f. In the ClientSecret key, enter the value for ClientId identified in step 14 above
g. In the TenantId key, enter the value for the Azure website url from step 5

```xml
    http://go.microsoft.com/fwlink/?LinkId=169433
    -->
<configuration>
  <system.web>
    <compilation debug="true" targetFramework="4.0" />
    <customErrors mode="Off" />
    <httpRuntime requestValidationMode="2.0" />
  </system.web>
  <connectionStrings>
    <add name="PersistenceConnection" connectionString="Server=tcp:x4494aixfy.database.windows.net,1433;Database=SandBox
  </connectionStrings>
  <appSettings>
    <!-- SharePoint App Principal Informaiton -->
    <add key="ClientId" value="dce70a66-4367-4581-a930-606a3b12dbcb" />
    <add key="ClientSecret" value="sMQZCA7wn/LsMobdVk2fjCN05/cpMRGTlM4gmujfXj8=" />
    <!-- WNS Registration -->
    <add key="WNS.Clientsecret" value="KWKp78ctSSwM7ZF4MqpfH26Q3H5kNA4N" />
    <add key="WNS.SID" value="ms-app://s-1-15-2-578655011-2913523169-1433259043-3556561292-405734004-3463212528-13823183
    <!-- Since we have not figured out a way to grab the channel url from the remote event receiver, saving it here. Ple
    <add key="TenantId" value="https://readifylab.azurewebsites.net"/>
  </appSettings>
  <system.serviceModel>
```
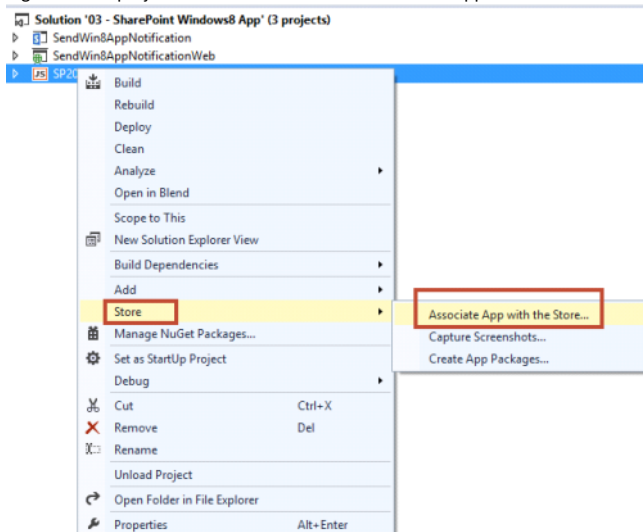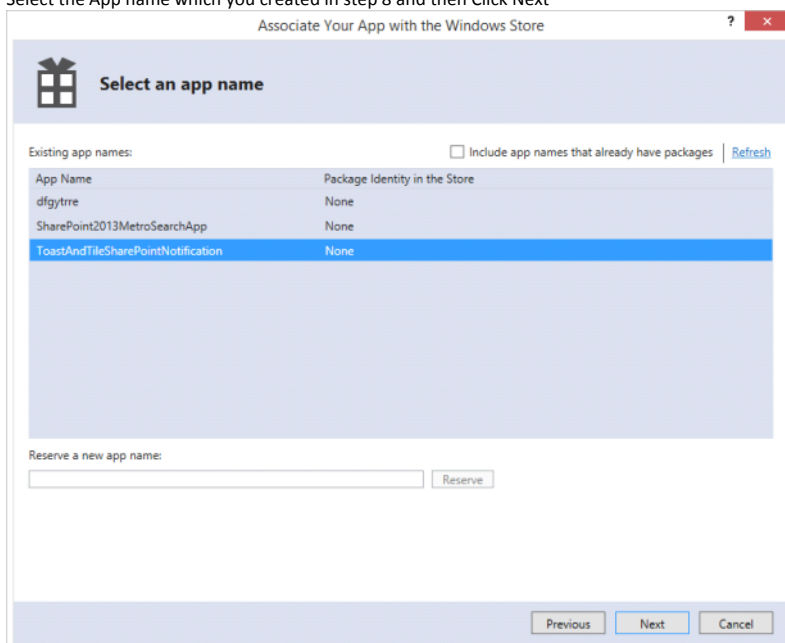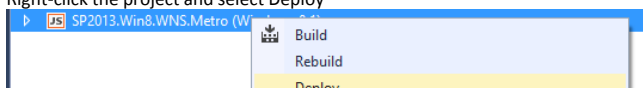
4. The **SP2013.Win8.WNS.Metro** project
   a. Right-click on project and select "Store" then "Associate App with the Store..."
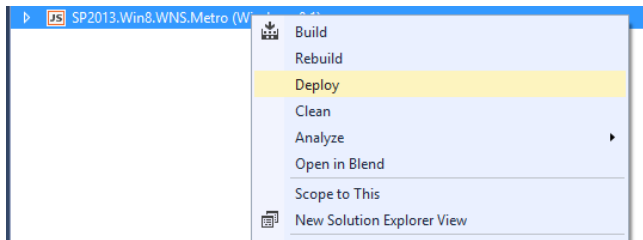


   b. Click next and sign into the Windows Store with your Live ID
   c. Select the App name which you created in step 8 and then Click Next



   d. Click Associate
   e. Right-click the project and select Deploy

**Demonstration**

1. Launch the NotificationSample Metro app
2. Enter the base url of the Azure website in the Azure Web Site Url textbox and click on "Send Channel URL"



3. Once the push notification channel is setup, you should get the following message: "Channel Url Sent Successfully"
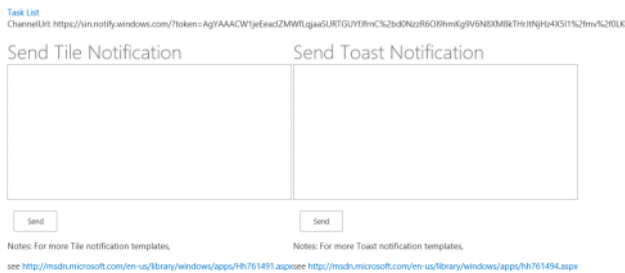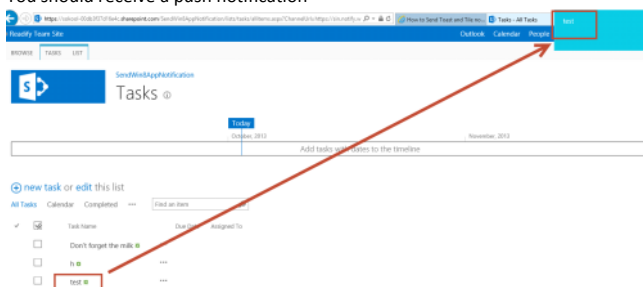


4. Launch the SharePoint App
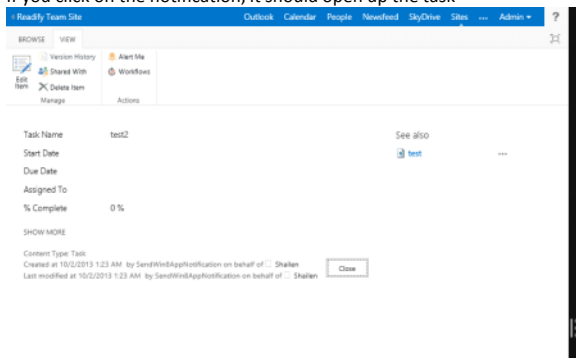5. If push notification is correctly configured, you should see the following screen



6. You can now try sending a Tile and Toast notification to your Windows 8 PC
7. Next click on the Task List link
8. Create a task and save
9. You should receive a push notification



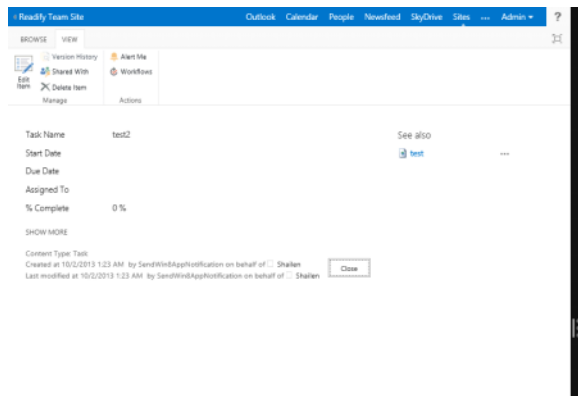10. If you click on the notification, it should open up the task

How to Send Toast and Tile notifications to Windows 8 application
from SharePoint via a Windows Azure web site

Azure Web Site Url: https://readifylab.azurewebsites.net    (e.g. https://notificationsample.azurewebsites.net)

**Send Channel URL**

Channel Url Sent Successfully

## Demo 04

    a. Right-click on project and select "Store" then "Associate App with the Store…"

    b. Click next and sign into the Windows Store with your Live ID

    c. Select the App name which you created in step 8 and then Click Next

    d. Click Associate

    e. Right click the Win8AppForSharePoint project and select Deploy
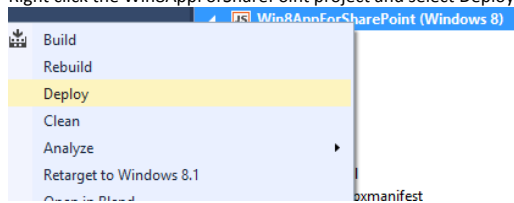


    f. In the **Office365ClaimsService** project and right-click **Office365ClaimsService.svc**, and select
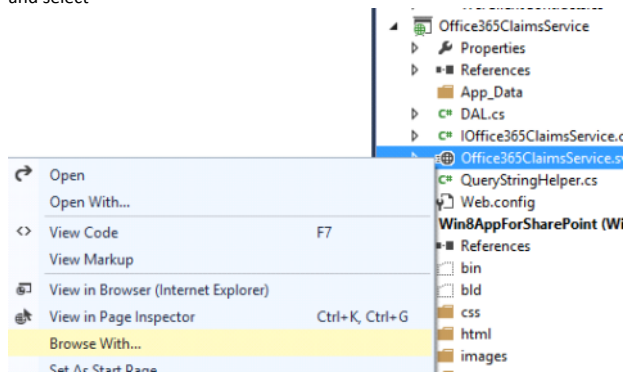


    g. Select "Internet Explorer" and click Browse

    h. You can now launch the Metro app and try to search your SharePoint site