Microsoft

RDS Provisioning Tool Deployment Guide

Technical Procedure of Deploying RDS Provisioning Tool on Azure

Prepared for

Microsoft service providers

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Prepared by

Peopletech

Microsoft

Revision and Signoff Sheet

Change Record

Date	Author	Version	Change Reference
December 26, 2017	Deepak Jena	Draft v1.0	Initial draft for review/discussion

Reviewers

Name	Version Approved	Position	Date
Prasad Paluri	v1.0		December 27, 2017

Microsoft

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Introduction

1.1. Purpose

The purpose of this technical specification document is to describe the technical procedure to setting up Azure RDS Provisioning Tool environment into Azure RDS Manager.

1.2. Overview

This document will serve as an amendment to the existing SOW signed by Microsoft and PeopleTech Group. This will be done in collaboration with the available expertise and by leveraging the resources at disposal, keeping in view the signed SOW.

1.3. Definitions, Acronyms and Abbreviations

The following are the list of conventions and acronyms used in this document, which are enlisted in expanded form for quick reference:

1) Apps- Applications
2) AAD- Azure Active Directory

Chronological Approach

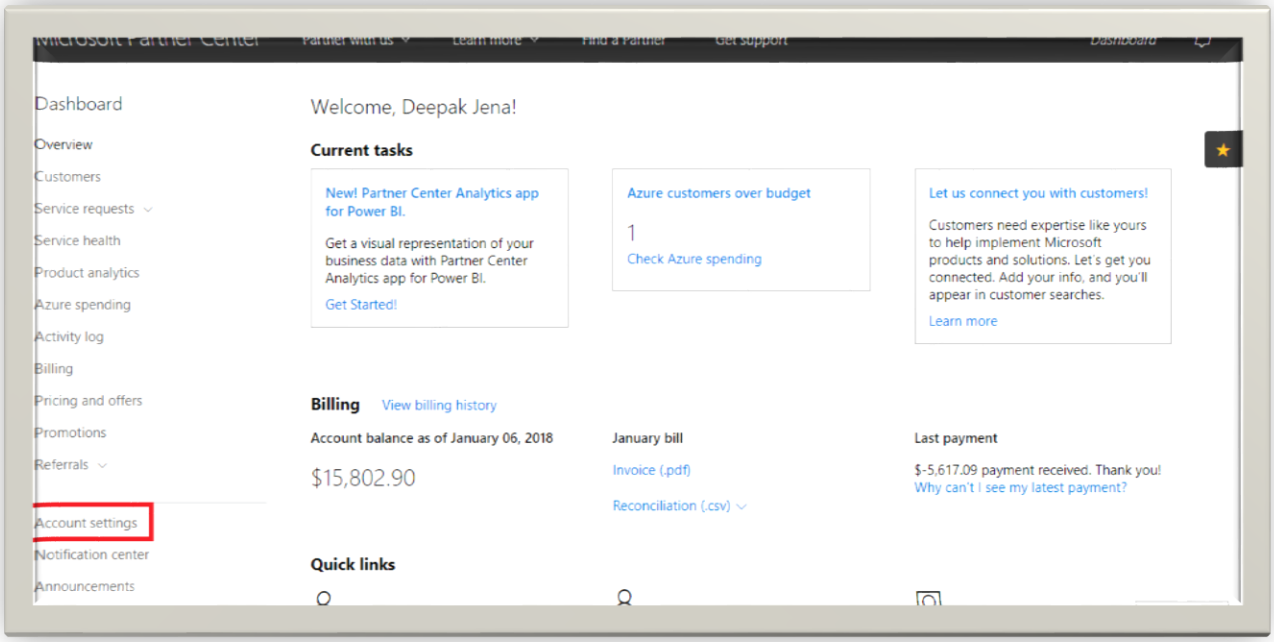
#	Task	Details
1	Setup Application Setting for CSP Partner App Center	Dynamic Communication with CSP Partner Center, we need to Create a web app.
2	Create AAD Application	To achieve oauth authentication in our application by creating App registration
3	Create Azure App Service and Setting up Azure RDS Provisioning Tool	Create a new App Service using Web app type. To Deploy the Project, select “publish” by Selecting “import Profile” Select downloaded file (Download Publish profile form App Service which we create) and “publish”.

1) Setup Application Setting for CSP Partner App Center

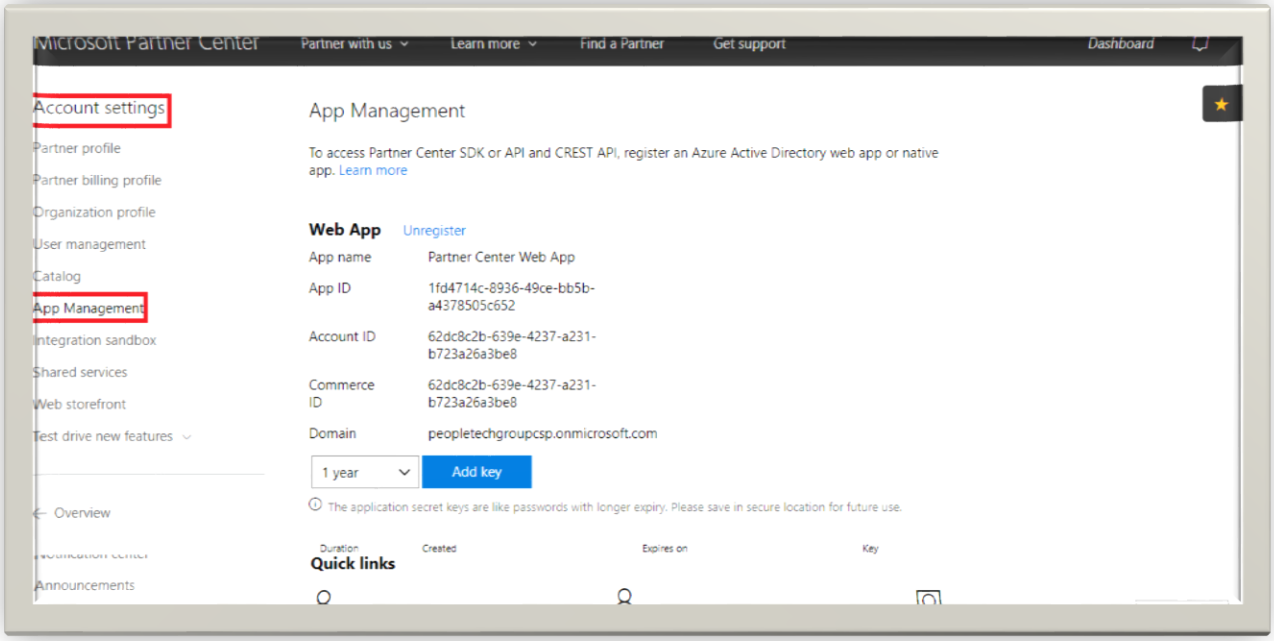
Here is the explanation for Dynamic Communication with CSP Partner Center & How to create the Web app in App registration and use the web app details in our application.

1. Open the CSP Partner portal, go to https://partnercenter.microsoft.com/en-us/pcv/dashboard/overview and Sign in by using the valid CSP Partner credentials.

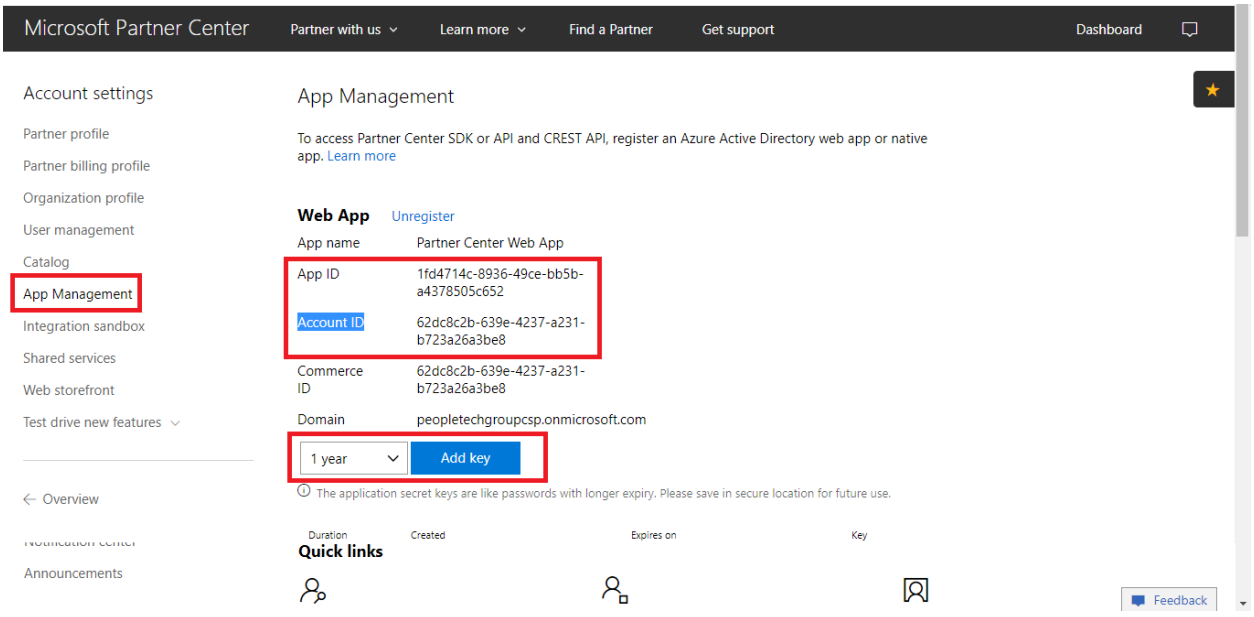
2. Select **"Account Settings "**from Menu List.



3. Select "**App Management**" in Account settings



4. Get the details of the App ID, Account ID and generate a Key, replace ApplicationId, ApplicationSecret, ApplicationDomain from an existing web app if there no web app user need to create it



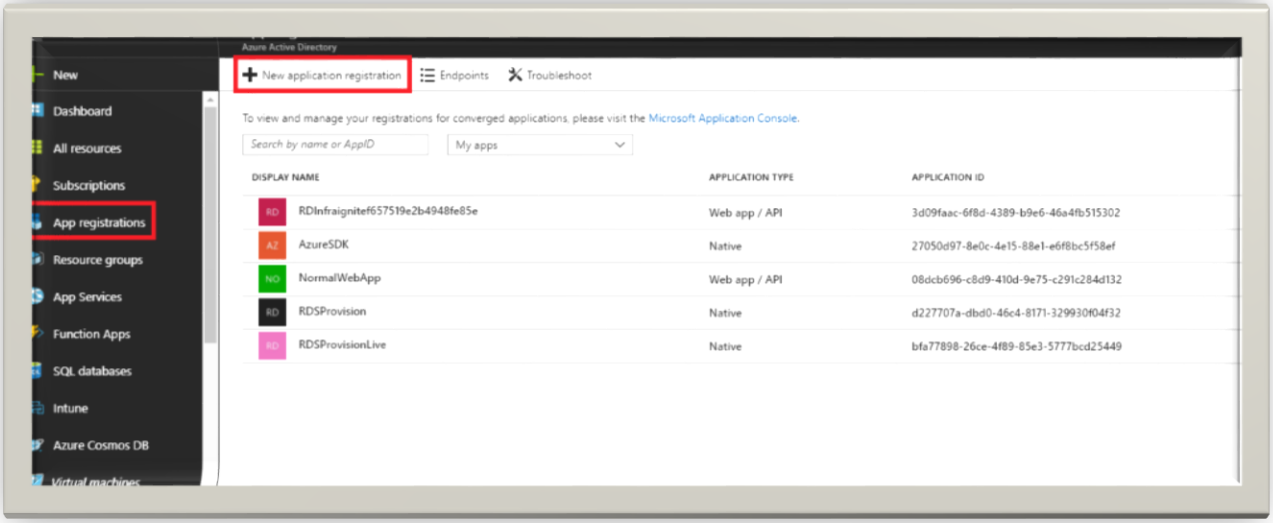

```
<add key="PartnerServiceApiRoot" value="https://api.partnercenter.microsoft.com" />
<add key="Authority" value="https://login.windows.net" />
<add key="ResourceUrl" value="https://graph.windows.net" />
<add key="ApplicationId" value="1fd4714c-8936-49ce-bb5b-a4378505c652" />
```

```
<add key="ApplicationSecret" value="Y8k8W4jmZ0Eilw1Ku4PZyldawXwd1M7ISW6HFdPu0z0=" />
<add key="ApplicationDomain" value="62dc8c2b-639e-4237-a231-b723a26a3be8" />
<add key="ByCountry" value="US" />
```

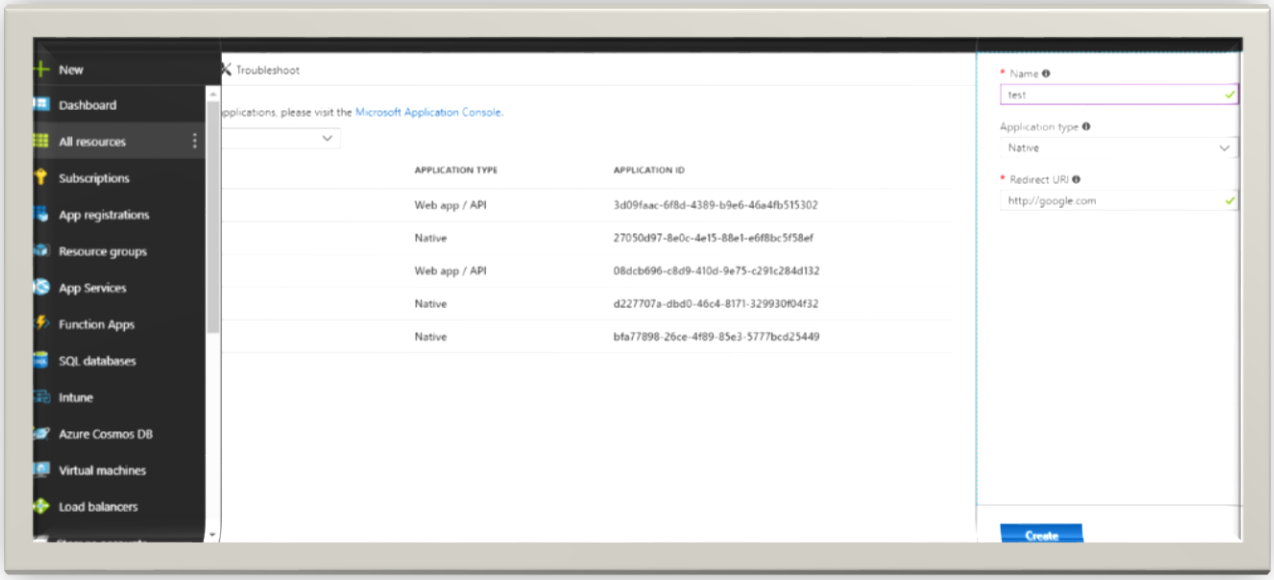
2) Create AAD Application

To Achieve oauth authentication user need to create AAD Application.

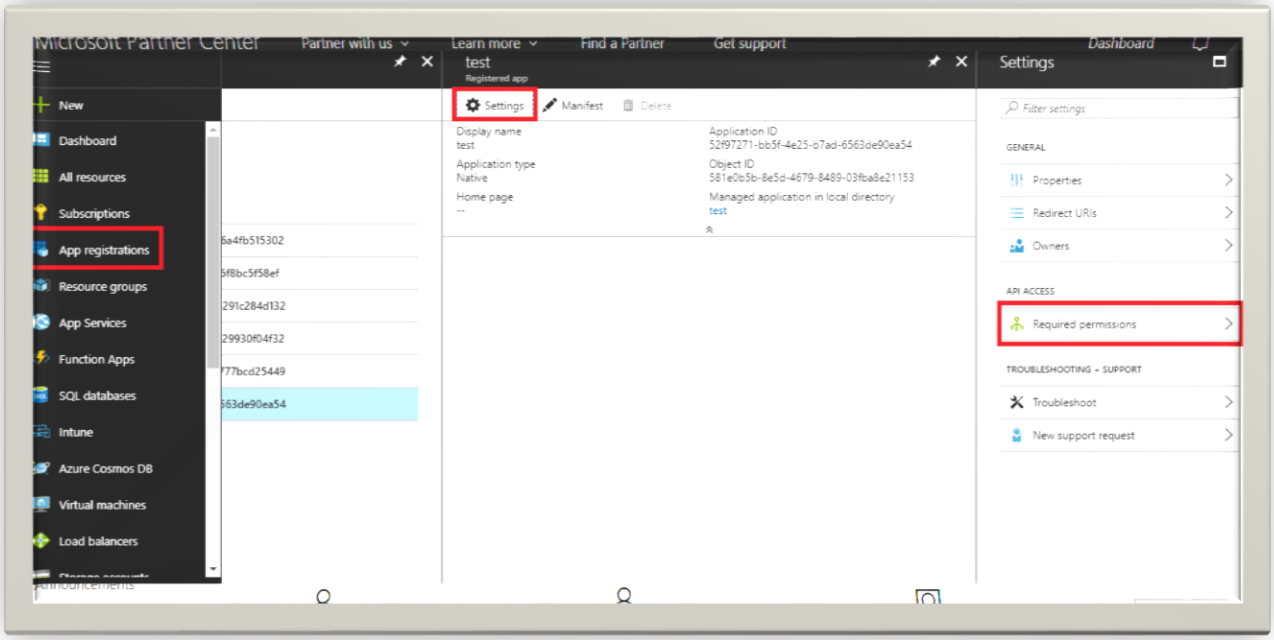
1. Open the Azure portal, go to https://portal.azure.com and Sign in by using the valid Azure credentials.
2. Select the **"App Registration"** from the menu list.
3. Click on **"New application registration"** button.



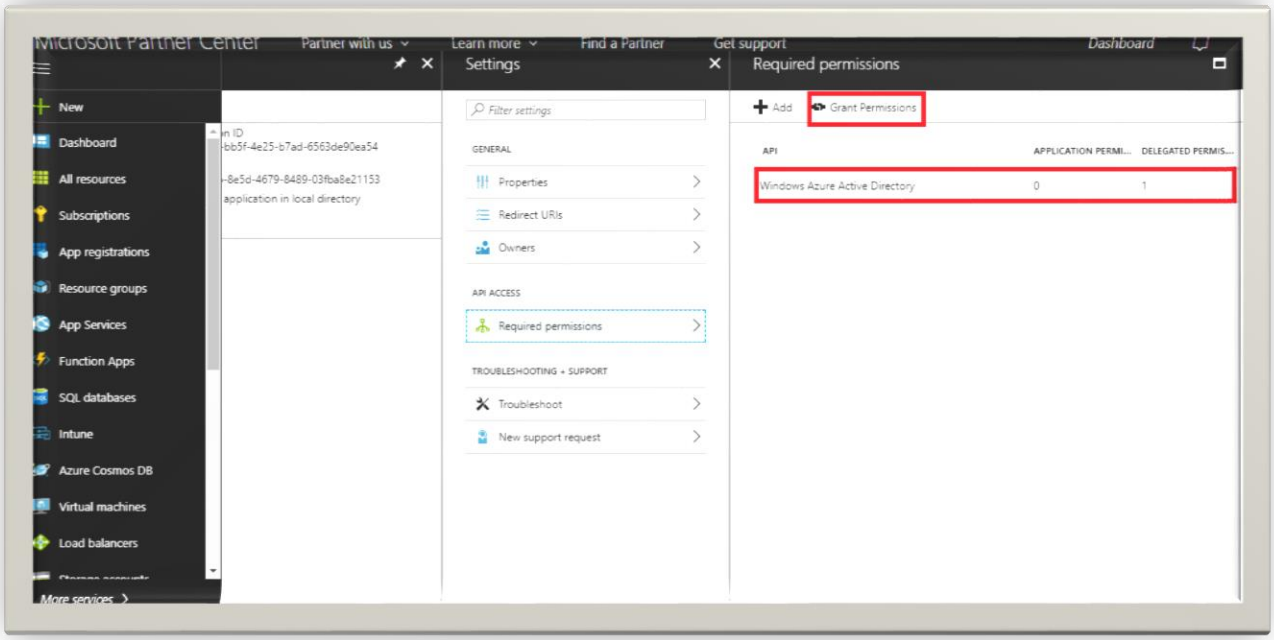
4. To create a App Registration, give all the mandatory fields and click on create button
   1) Application type must be the "Native" type
   2) In Redirect URL field, we need to give the URL of the page which we need to be redirected after signing based on the Published application.



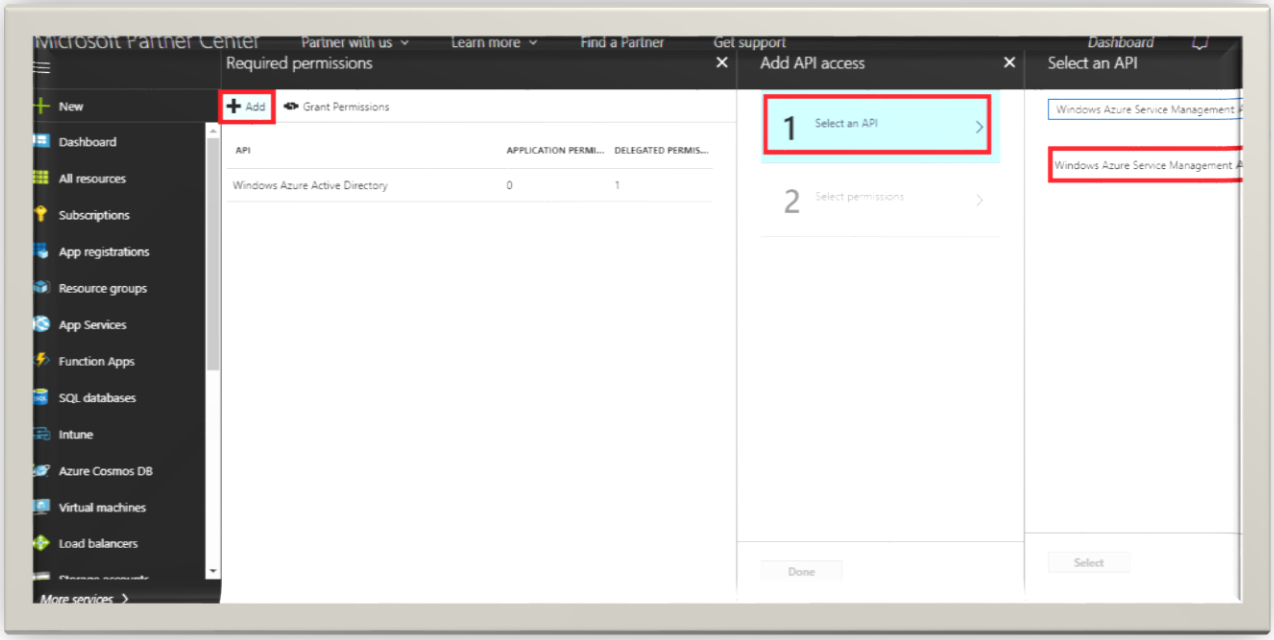
5. After creating the App Registration open the Created App Registration and go to Setting and select Required Permissions.



6. Select windows azure active Directory from the window and then click on the Grant permissions button to apply permissions.



7. Add Windows Azure Service Management API to the required permissions.



8. Update web.config of the application with following value.

```
<add key="ClientID" value="bfa77898-26ce-4f89-85e3-5777bcd25449"/>
<add key="RedirectURI" value="http://<your hosted url>/Home/ListDeployments"/>
<add key="HosterDomain" value="contoso.onmicrosoft.com"/>
```

Copy Application ID, Redirect URI From created AAD Application and paste in **ClientID** and **RedirectURL** subsequently. **HosterDomain** will refer to the AAD domain where application to be hosted and

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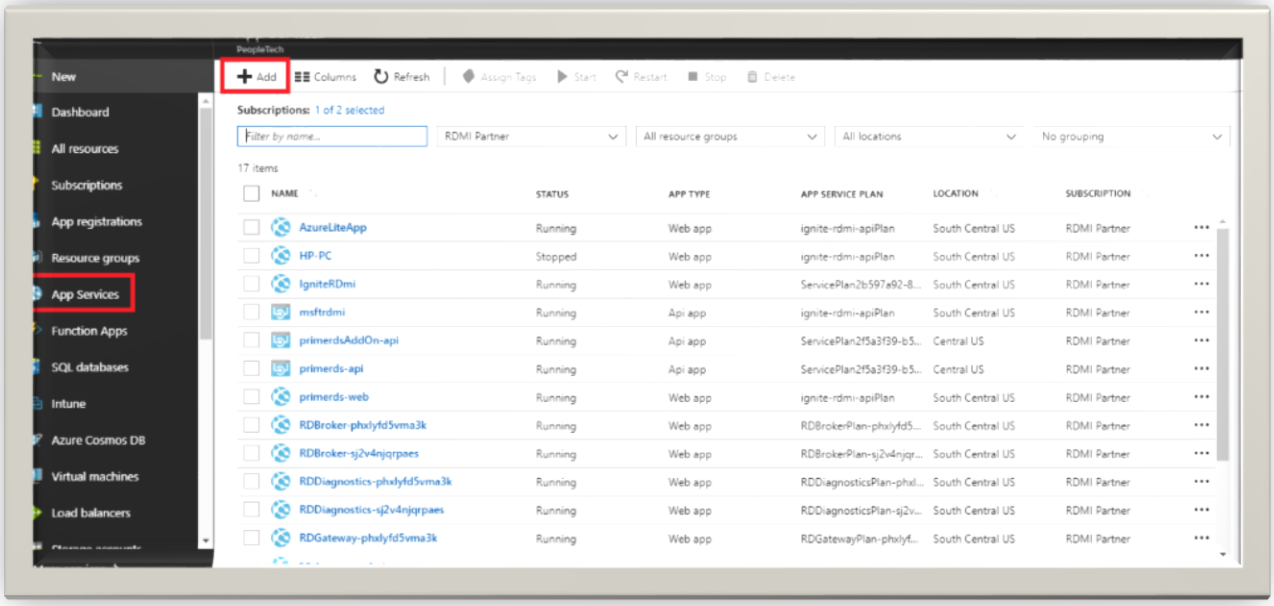
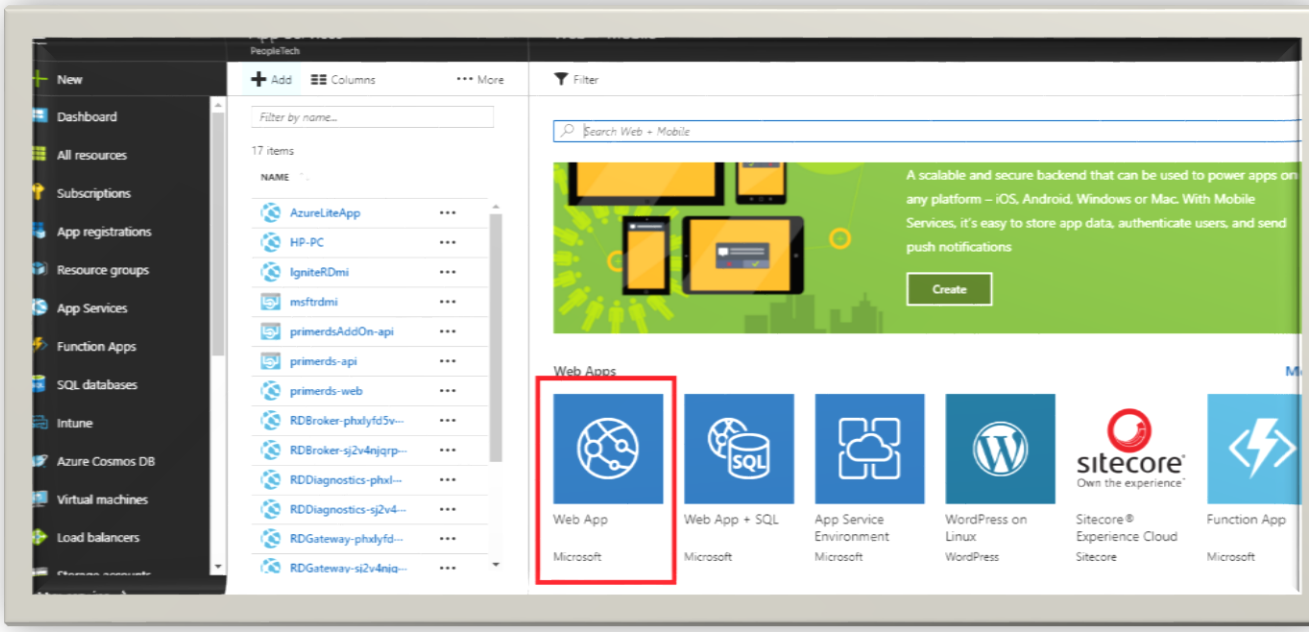
3) Create Azure App Service and Setting up Azure RDS Provisioning Tool

How to create an azure app Service and Deploying Azure RDS. Provisioning tool application.

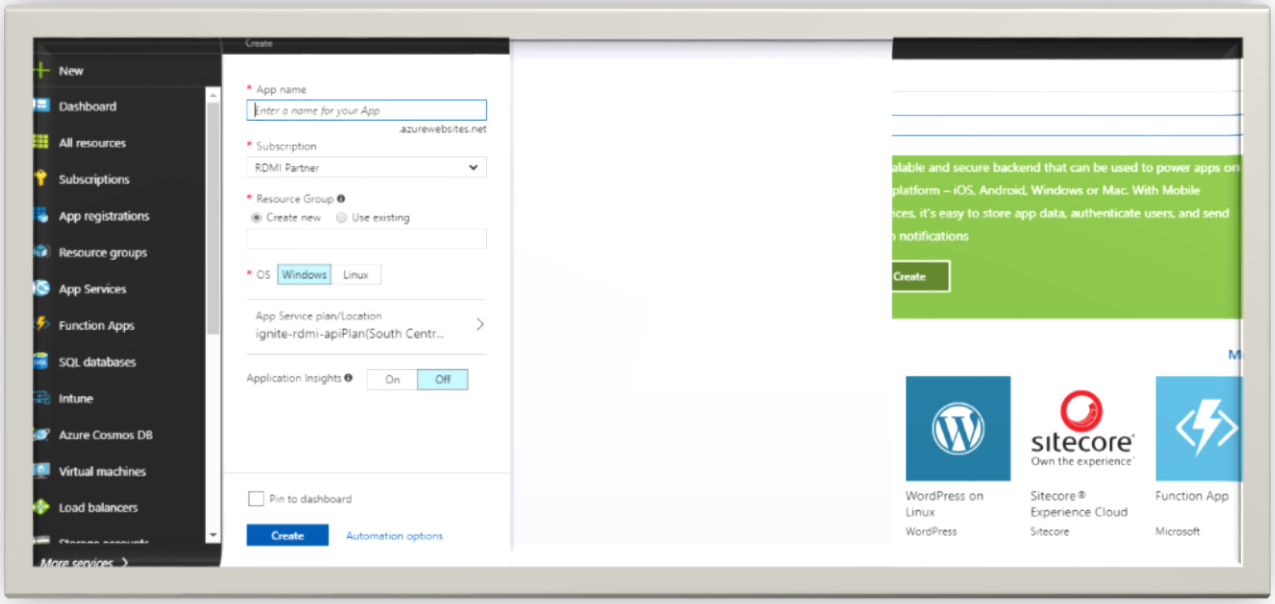
1. To open the Azure portal, go to https://portal.azure.com and Sign in by using the valid Azure credentials.
2. Select the **"App Service"** from the menu list.
3. Click on Add button.



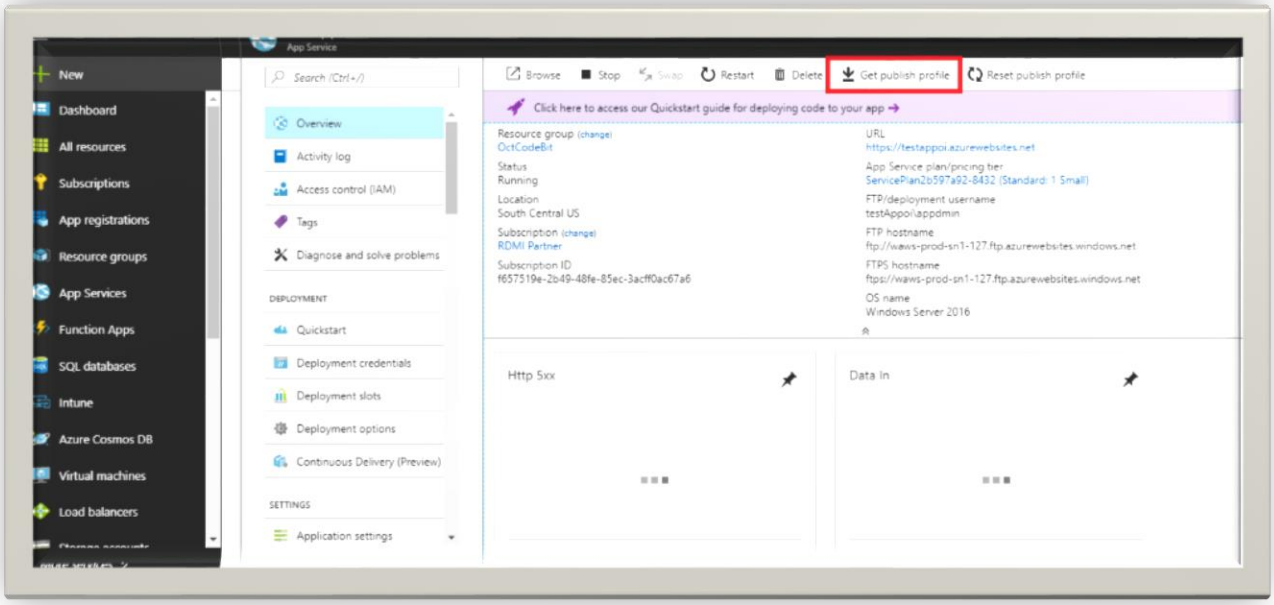
4. Select **web app** from list, a new blade will be opened with a button to “Create”.



5. Fill the mandatory fields and click on create button to create a app service.

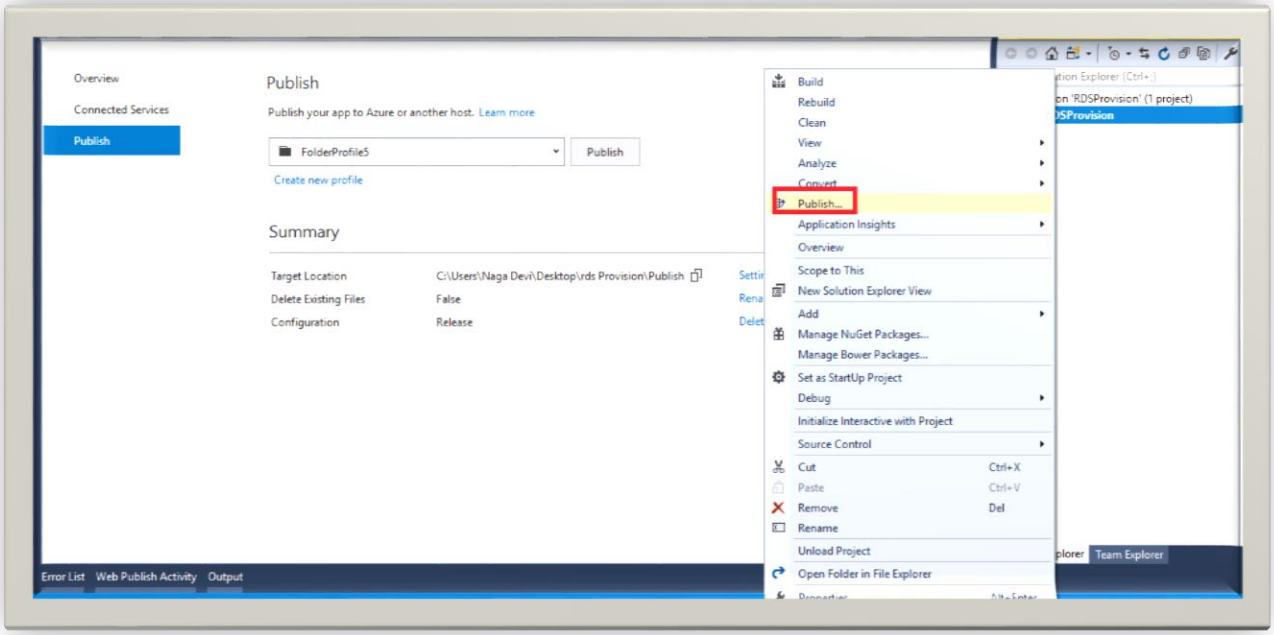


6. After app service created download the publish Profile.

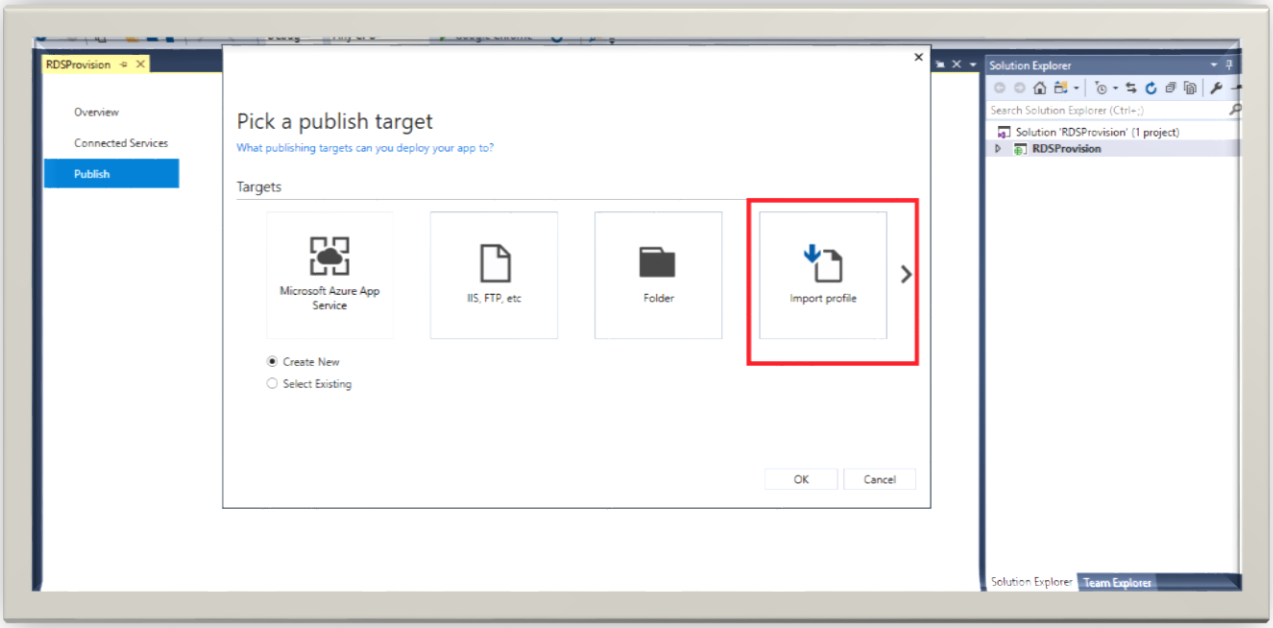


3.1 Deploying the Project

1. Open Your Project in Visual Studio. Right click on Project and click on publish



2. Click on import profile and click on "OK"



3. Select the downloaded publish Profile file and click open.
4. Click on publish button to deploy