Steps to deploy Azure

There are different possible ways to deploy the services to Azure. Here is one brief description way to deploy to Azure.

1. Create new Project

   File-> New Project -> select Windows Azure Cloud service.

   Rename your project.
2. After selecting, it will give you a window to choose the cloud service, select the WCF Service Web Role from the C# list and hit '>' button to move it.
3. Now, the project opens and in the solution explorer we can see web roles we selected got created.
4. You can rename the services according to your wish just for reference purpose.
5. We need to add functionality to services we created
6. Once the services are created, we can now deploy them to the Azure cloud.
7. Right click on the project and select 'Packages option'
8. It creates two files in the **'<Projectname>\bin\Release\app.publish'** folder.
9. Now, make sure you have an Azure account to deploy the packages. If not, create one account.
10. Go to portal and click on add new button
11. Select **'Cloud Service'** option and give the details asked for like the url or hostname, region and select the reference group and then create.
12. Now, we get can see that the service was created successfully but it displays 'You have nothing deployed to the Production' as we haven't pushed any code to the cloud as of now.
13. We will get an option to upload by hitting 'Upload' and then upload the configuration files and the package got created in Step 8.
14. Once the files are uploaded start deployment.
15. Now, we can find our services by using the link **http://<cloud-dns-name>** **.cloudapp.net/ <service-name>.svc'.** The cloud-dns-name is nothing but the name you gave while creating the cloud service in Azure.

16. Once you go to that url, we can find the files deployed and then selecting the '**service-name>.svc''**, we can navigate to the service.

An alternate way is to Publish the service from the WCF Service application you have created.

1. Finish the web services functionality and make sure it builds without any error.
2. Select your project in Visual studio and click on 'publish'
3. Select App service and select create new.

4. Now, follow above steps 9 to 11 to create cloud service in Azure.
5. Once the cloud service is created it will give you the option to create in visual studio. Select create and now your services are deployed successfully in the cloud
6. After deployment, upload the production files from the **'<Projectname>\bin\Release\app.publish'** which gets created as ,mentioned above in step 8. After pushing the files, you can the see the reference of files and url in the cloud. Navigating to the url, you can find the service running.