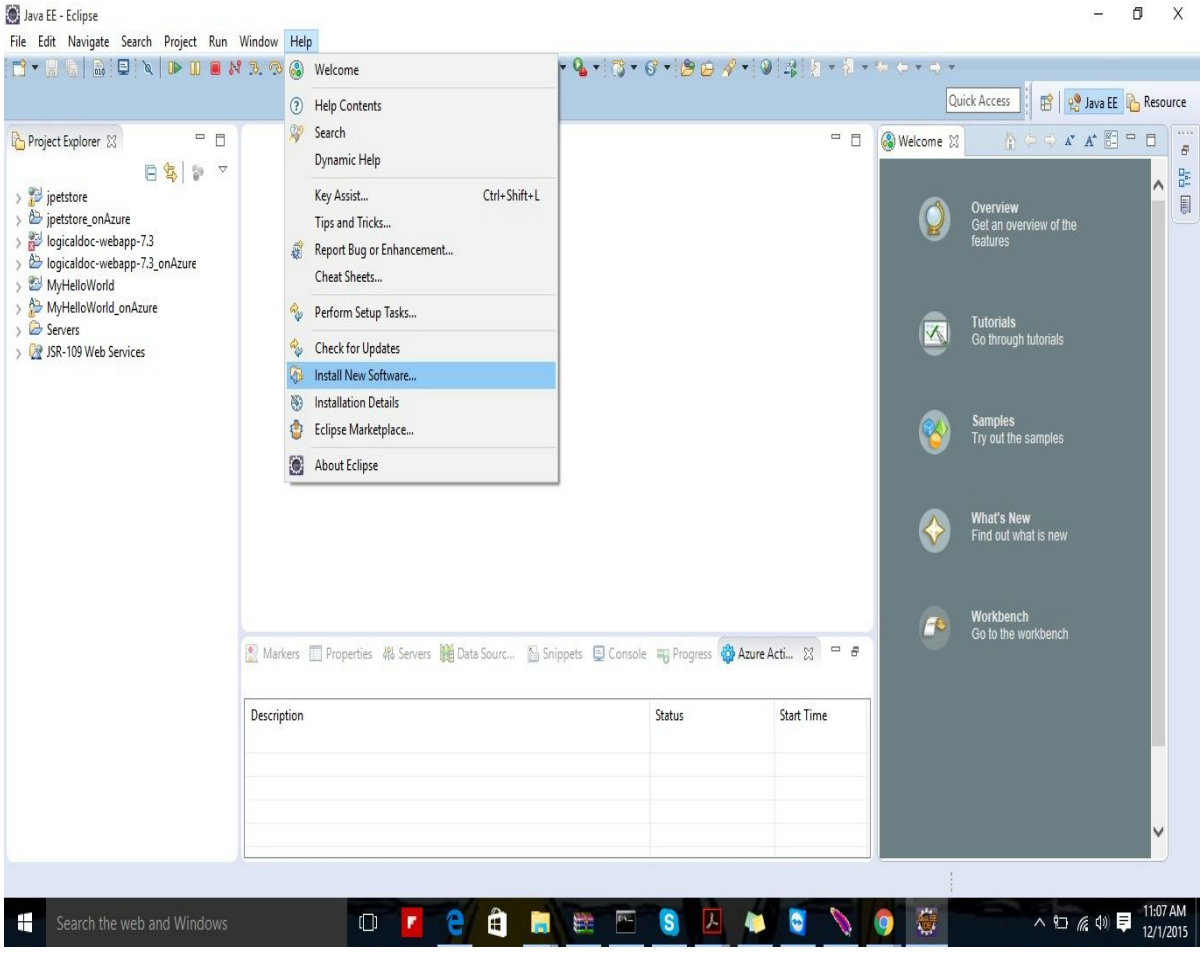
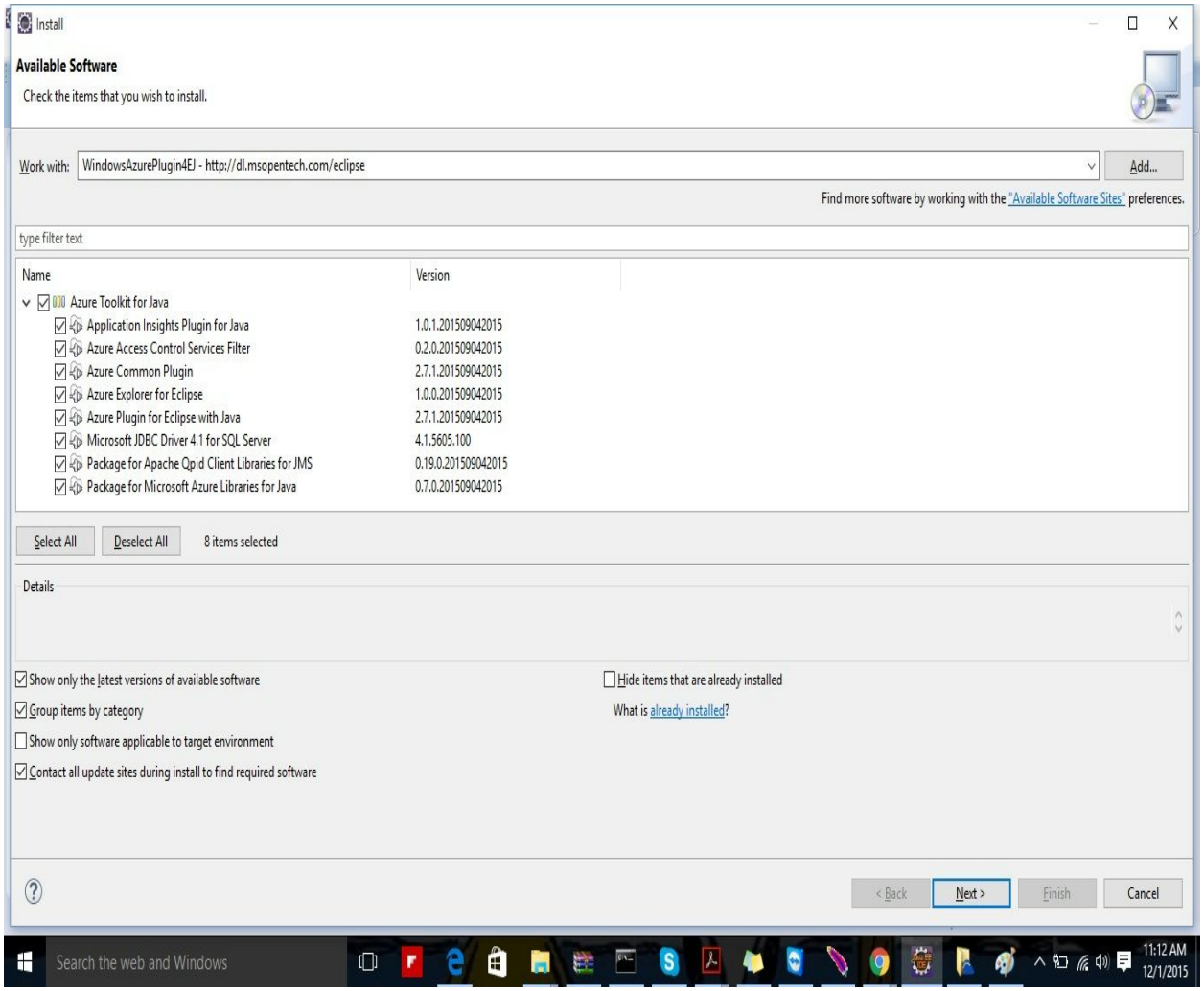
Deployment Steps of an application on Microsoft Azure

Deploying as a Cloud Service

1. **Import war file in Eclipse.**
2. **Download Azure Toolkit from http://dl.msopentech.com/eclipse. Download all 8 plugins.**

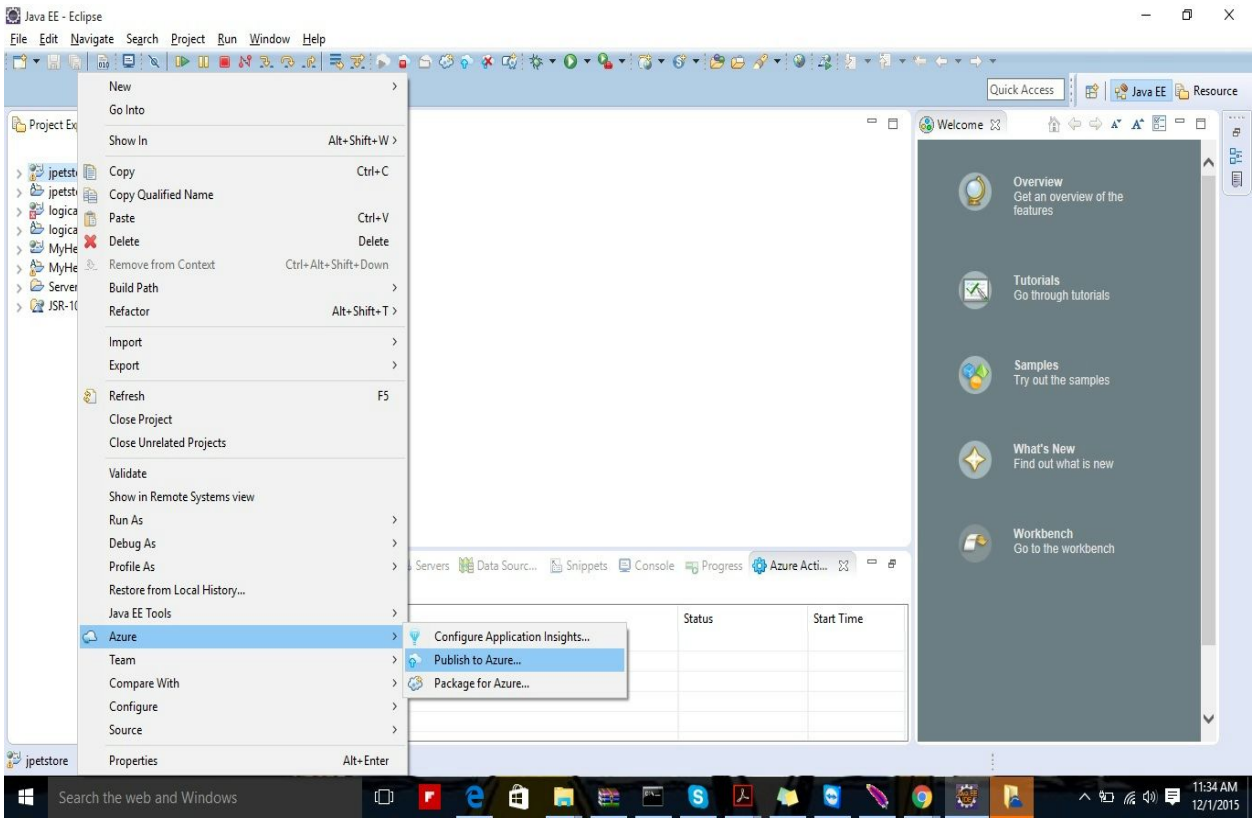




3. After downloading the plugin, we will need to restart the eclipse.

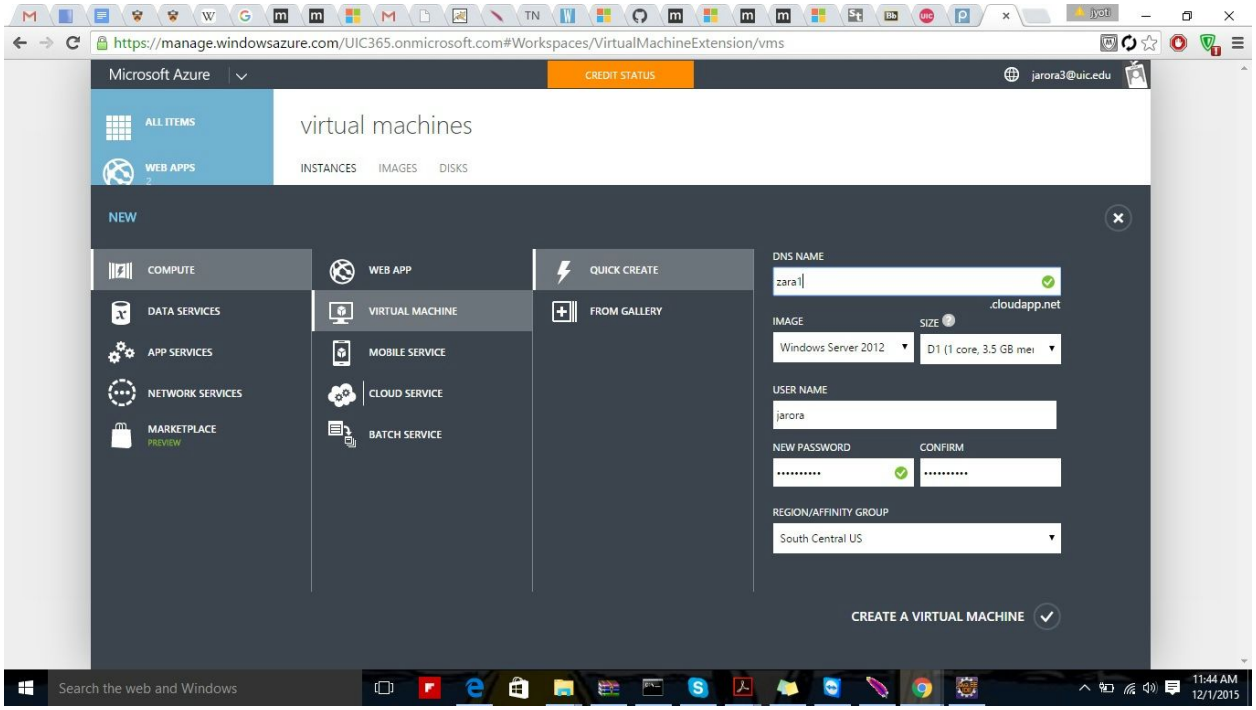
4. Right click on the project and we will see ‘Azure’ as an option. Just click on the “Publish to Azure”. It will ask for the subscription ID(that we had got from Microsoft) and the cloud service name.

We can see the published cloud service in the Management Portal of Microsoft Azure.

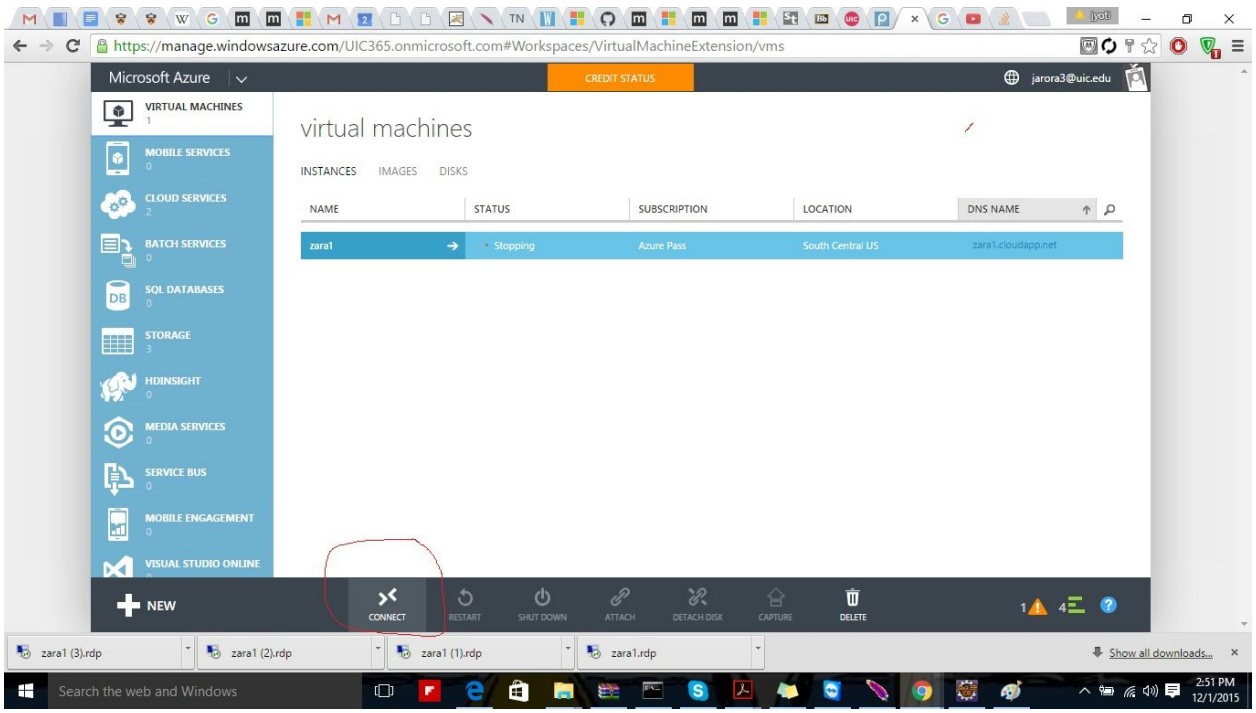


Deploying as a Virtual Machine

1. **Create a new VM in Azure Management Portal**

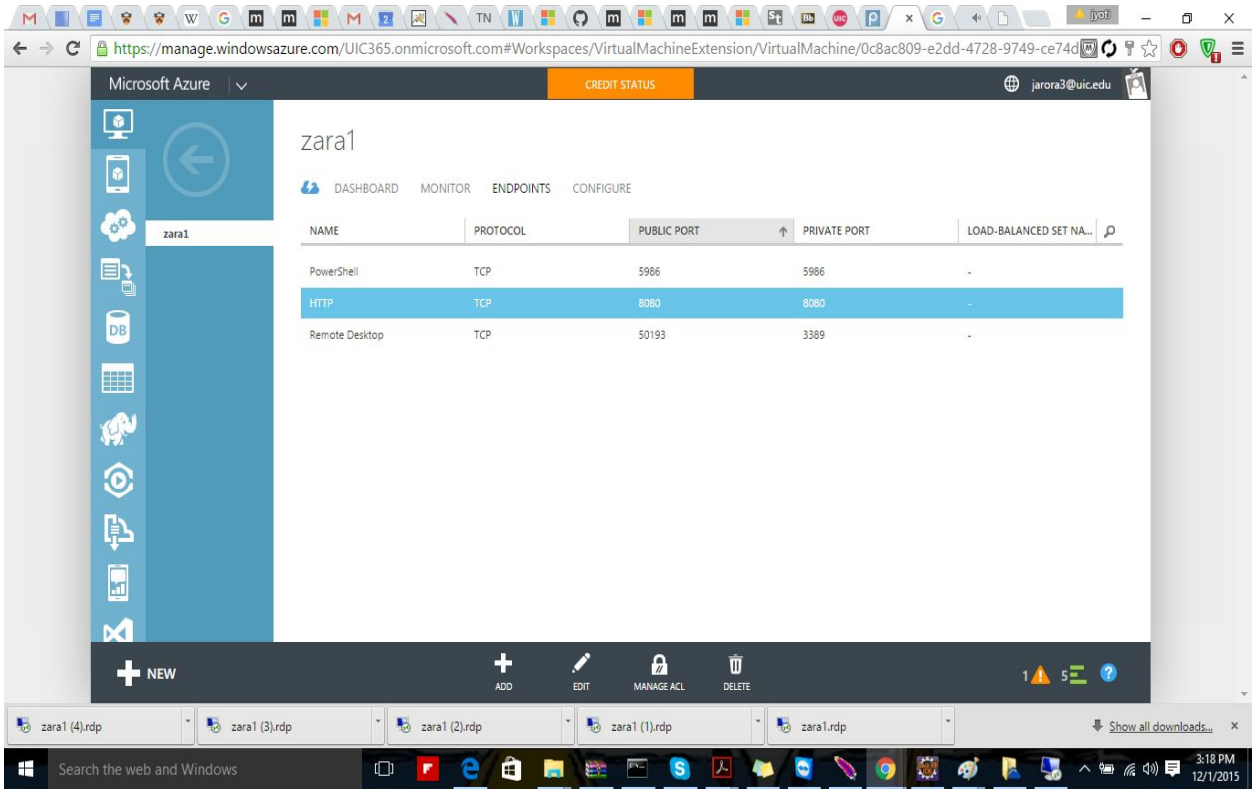


2. After we have created a VM, click on connect as shown in the image below. We will get a .rdp file which is used to connect to remote VM



3. Download and install JDK, eclipse and tomcat 7 on this machine. Import the war file in the eclipse and run it on local server

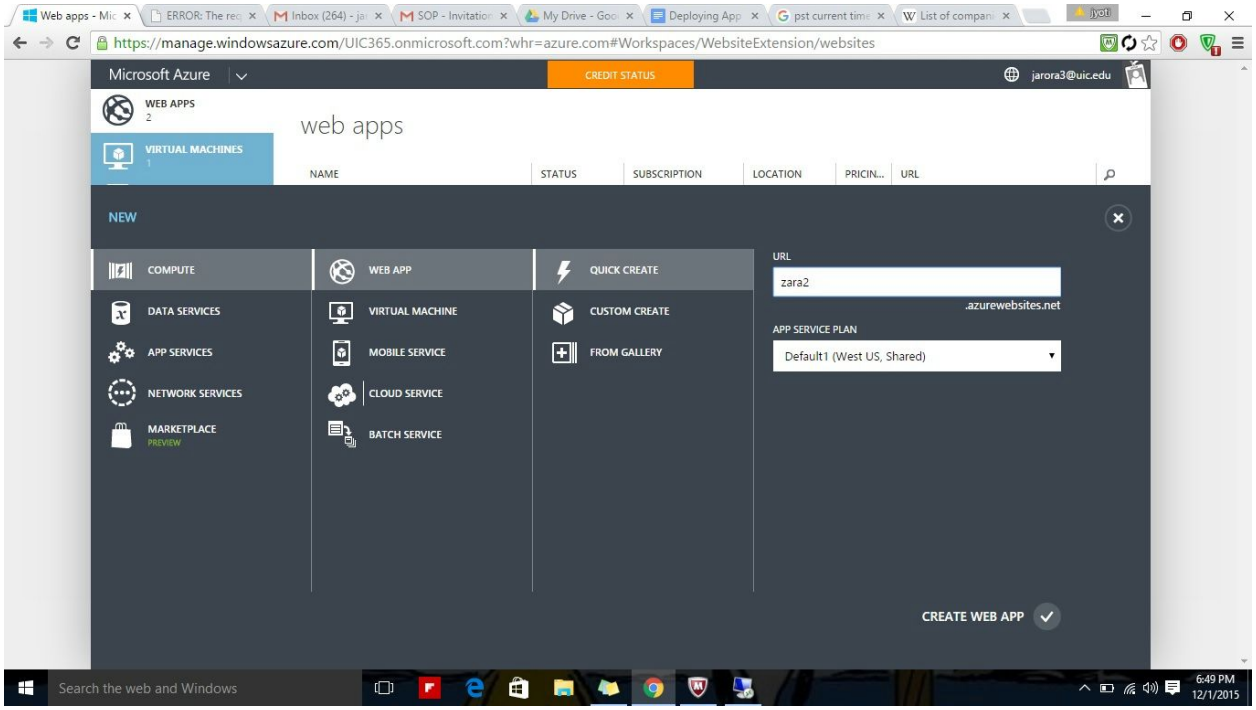
4. In the management portal configure 8080 http endpoint as shown below



The application is up and running at the URL present in the dashboard.

Deploying application as webapp

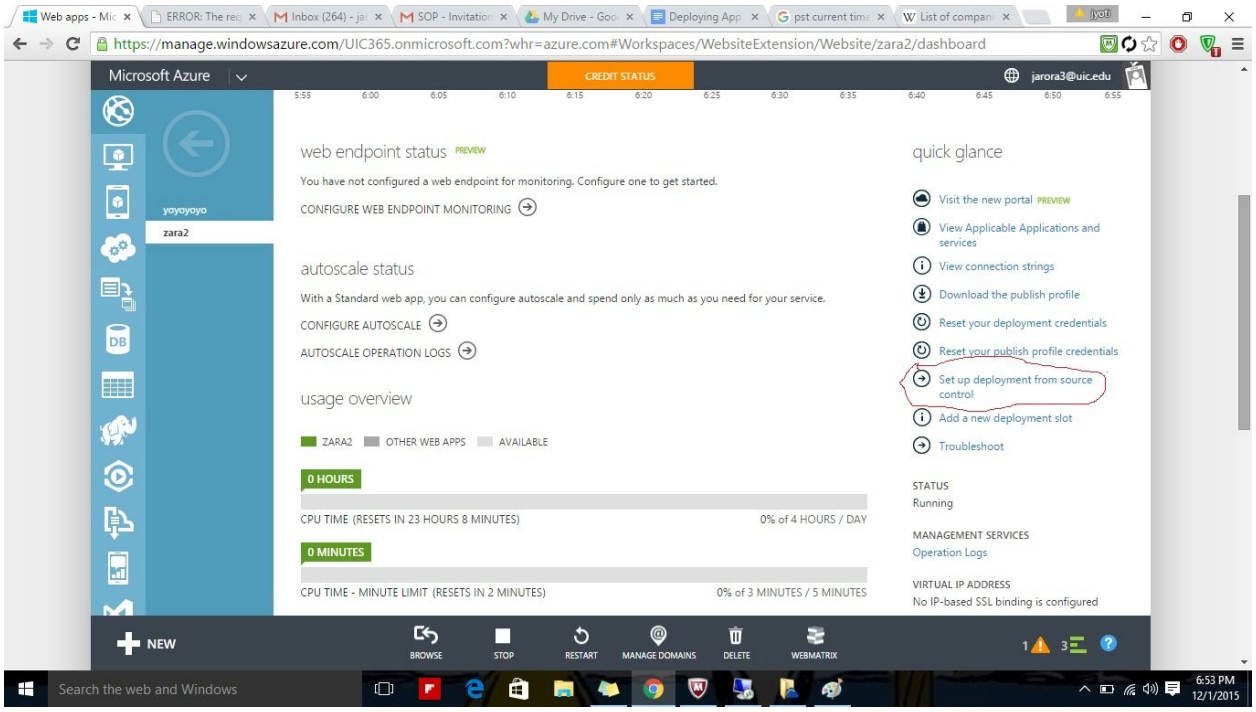
1. **Create a new webapp as shown below**



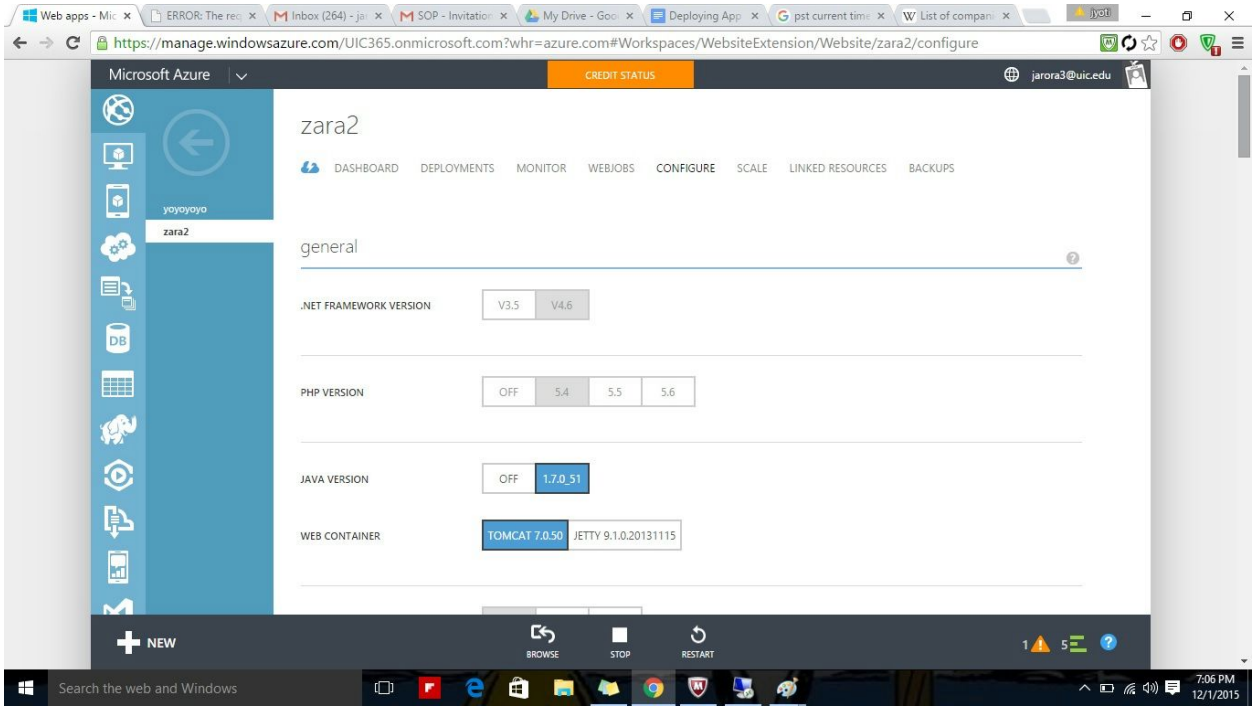
2. **We can set up the deployment from one of the following source control systems**

   a. **Github**
   b. **Dropbox**
   c. **BitBucket**

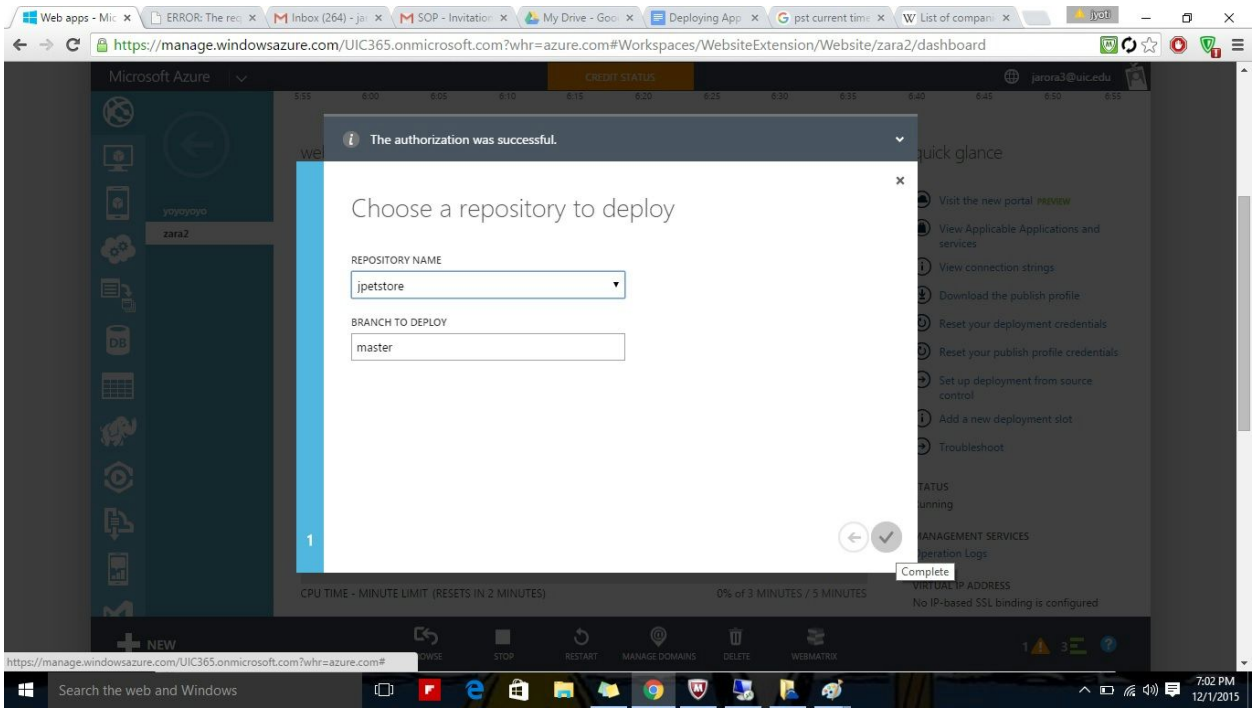
By clicking on the set up deployment from source control in the Management Portal as shown below in red circle



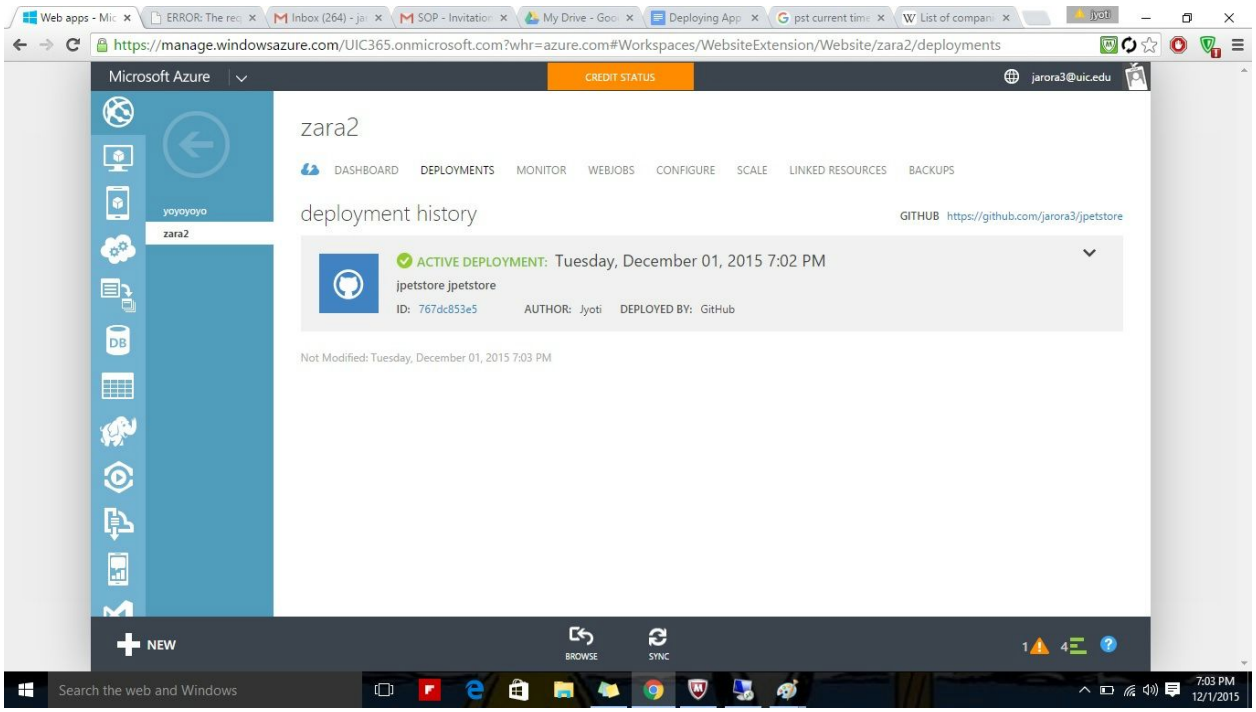
2. Configure the application settings in the configure tab. It includes option like which server to use(tomcat or jetty) and the application type(.NET/Java)



3. Add the .war file to the Github account. When select Github as an option for setting up deployment from source control, we can select the war file to be deployed



4. After the .war file is deployed, we can see the active deployment as shown below in the Deployment tab



5. Click on the URL in the dashboard to access the running website.

Building the source and getting the WAR file using JDK 1.7, Maven 3.0.3, Ant 1.7:

1) Open a command shell to the folder where we unzipped the archive

2) Go into folder: build/poms

3) Launch the command: mvn install

4) Go into folder: community/logicaldoc/

5) Launch the command: mvn -Dmaven.test.skip=true install

6) On the subfolder: community/logicaldoc/logicaldoc-web/target

we will find the .war archive containing the web application

Installation :

Windows

Requirements are:

§ Install java jdk (any version)

§ Install LogicalDOC-Tomcat bundle

Install Java JDK 1.7

We go to the Oracle Java download site and select to download the Java Developer Kit (http://www.oracle.com/technetwork/java/javase/downloads/index.html)

When the file has been downloaded, we executed it to install Java on the system using the setup wizard.

Install LogicalDOC

We download the LogicalDOC 7 + Tomcat 7 bundle and uncompress on the user's file system disk (a good option is to uncompress on *C:*\). If we some experience problems uncompressing "logicaldoc-7.x.x-tomcat-bundle.zip",we try using 7-Zip or the WinRAR application to uncompress it.

Application startup

- **Execute the command *C:\tomcat\bin\catalina.bat start* to run LogicalDOC + Tomcat application server.**

Complete the installation

- **We wait until the boot process of Tomcat ends**

WE should wait until you see a message on the console similar to the one shown below

INFO: Server startup in 8423 ms

- **Restart Tomcat for the 2nd time**
- **Wait that the startup complete**
- **On a client browser, open the URL http://localhost:8080/logicaldoc/.**
- **We should see under the login form a triangle of warning, click on the link to the right to activate the setup procedure**

- Perform the LogicalDOC Setup procedure using admin/admin as username/password in order to access the protected setup section
- Define a folder (on the filesystem) to use for the document repository (in some systems it may be necessary in advance the creation of the folder setting the correct write privileges)
- Select the type of database to use, the fastest procedure is to select the internal database (of course you can decide to use a more efficient database, the only thing is that you first need to proceed to the creation of a database schema)

First Login

- On a client browser, open the URL http://localhost:8080/logicaldoc/.
- Log in to LogicalDOC using user "admin" with password "admin".

Linux

Requirements are:

- Install java jdk 1.7
- Install LogicalDOC-Tomcat bundle

There are several ways to install it. These steps were used to install on Ubuntu but can be used for any other Linux flavor.

Install Java JDK 1.7

Execute the following commands on the Terminal by copying and pasting them one at a time

```
$ sudo apt-get purge openjdk*
```

```
$ sudo add-apt-repository ppa:webupd8team/java
```

$ sudo apt-get update

$ sudo apt-get install oracle-jdk7-installer

Install LogicalDOC

Download the LogicalDOC 6 + Tomcat 7 bundle and uncompress on your file system disk (a good option is to uncompress under */opt/*).

Execute the following command on the terminal

$ unzip logicaldoc-6.x.x-tomcat-bundle.zip

Application startup

- **Execute the command */opt/tomcat/bin/catalina.sh start* to run LogicalDOC + Tomcat application server.**

Complete the installation

- **Wait until the boot process of Tomcat ends**

You should wait until you see a message on the console similar to the one shown below

INFO: Server startup in 8423 ms

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