

06-2 Microsoft Azure

Compiling in the cloud

What is Azure?

- **Microsoft Azure** (formerly Windows Azure before 25 March 2014) is a [cloud computing](#) platform and infrastructure, created by [Microsoft](#), for building, deploying and managing applications and services through a global network of Microsoft-managed [datacenters](#)

--Wikipedia

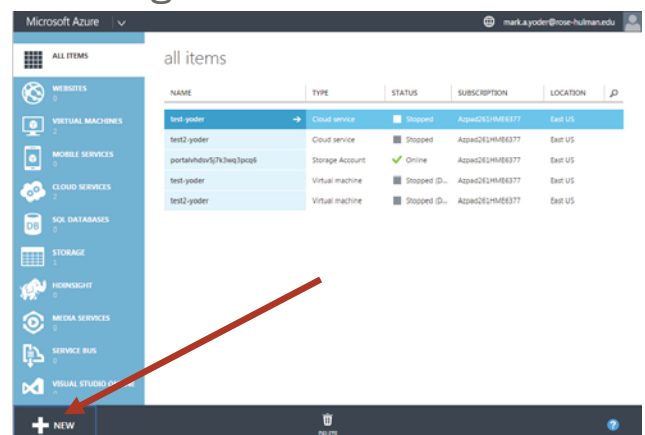


Azure Account

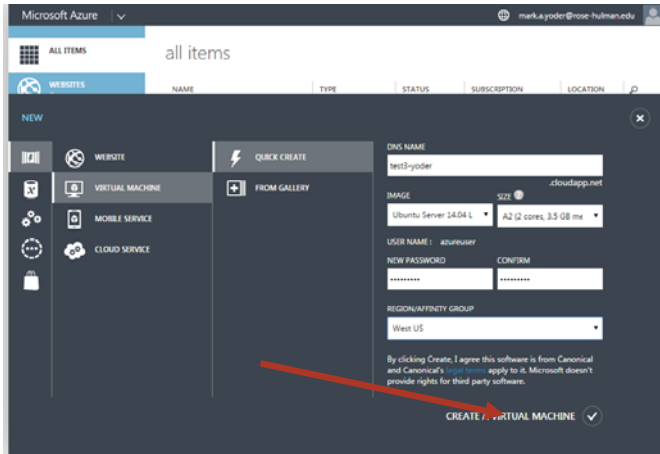
- Go to homework folder and open azurePromoCodes

Name	Date modified	Type	Size
azurePromoCodes.gsheet	10/7/2014 8:30 AM	Google spreadsheet	1 KB
desktop.ini	8/7/2014 2:12 PM	Configuration sett...	1 KB
GitHub Accounts.gsheet	9/8/2014 2:27 PM	Google spreadsheet	1 KB
hw01.docx	9/3/2014 2:53 PM	Microsoft Word D...	20 KB
hw02 CheckList.docx	9/24/2014 8:58 AM	Microsoft Word D...	15 KB
hw02.docx	9/12/2014 5:46 PM	Microsoft Word D...	22 KB
hw03.docx	9/24/2014 3:09 PM	Microsoft Word D...	23 KB
hw04.docx	9/23/2014 9:38 AM	Microsoft Word D...	27 KB
hw05.docx	10/6/2014 8:30 AM	Microsoft Word D...	23 KB
hw06.docx	10/14/2014 9:47 AM	Microsoft Word D...	24 KB
hw07.docx	10/14/2014 9:46 AM	Microsoft Word D...	23 KB
hw08.docx	10/14/2014 3:51 PM	Microsoft Word D...	120 KB
Projects.docx	10/7/2014 11:09 AM	Microsoft Word D...	16 KB
Projects.docx.doc	10/13/2014 3:04 PM	Google document	1 KB

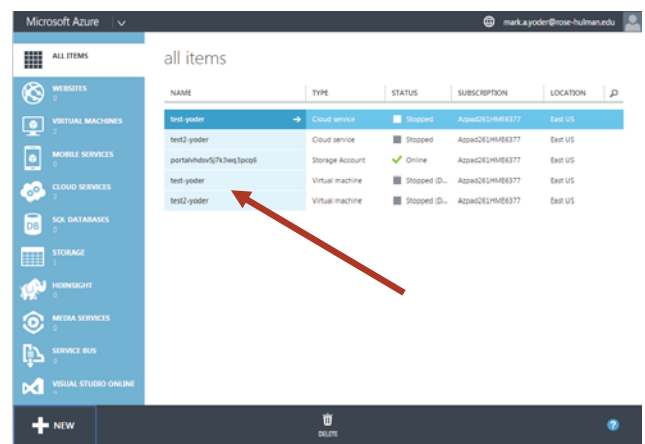
Creating a New VM



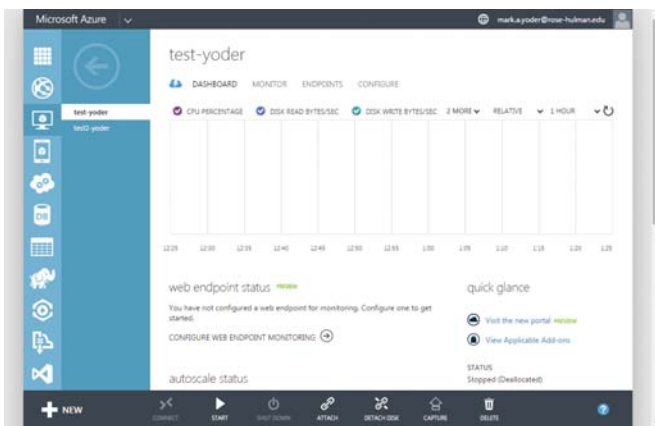
Select the OS You Want



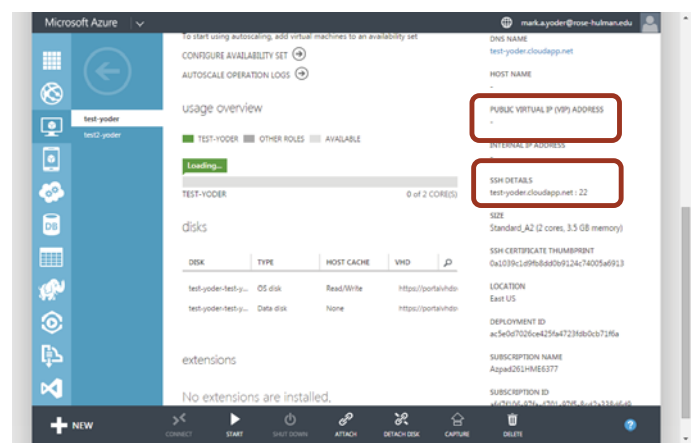
Select Your VM



VM Status



Scroll Down



Login

```
$ ssh -XC azureuser@'test-yoder'.cloudapp.net
Warning: Permanently added 'test-yoder.cloudapp.net,139.91.113.249' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 14.04.1 LTS (GNU/Linux 3.13.0-36-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

System information as of Mon Oct  6 22:01:12 UTC 2014

System load: 0.79           Memory usage: 2%   Processes:    208
Usage of / : 16.4% of 28.80GB Swap usage:   0%   Users logged in: 0

Graph this data and manage this system at:
https://landscape.canonical.com/

Get cloud support with Ubuntu Advantage Cloud Guest:
http://www.ubuntu.com/business/services/cloud

Last login: Mon Oct  6 18:05:12 2014 from 137.112.44.233
azureuser@test-yoder:~$
```

Controlling VM's from Command Line

- Install the software
\$ **npm install -g azure-cli**
- Once configured you can start your virtual machine with
\$ **azure vm start test-yoder**
- Or stop it with
\$ **azure vm shutdown test-yoder**