

Azure Virtual Machine

Key Notes

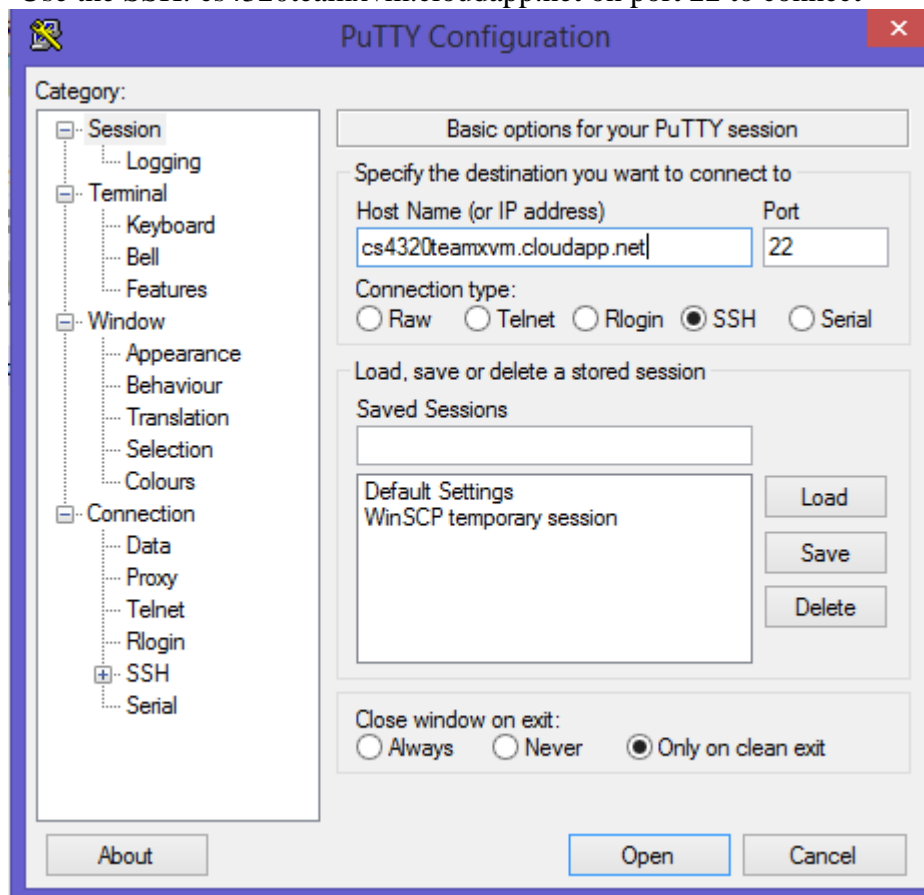
- Azure Virtual is continuously online/being deployed
- You will always be able to connect to it unless the Azure Server is offline/down

Virtual Machine Information

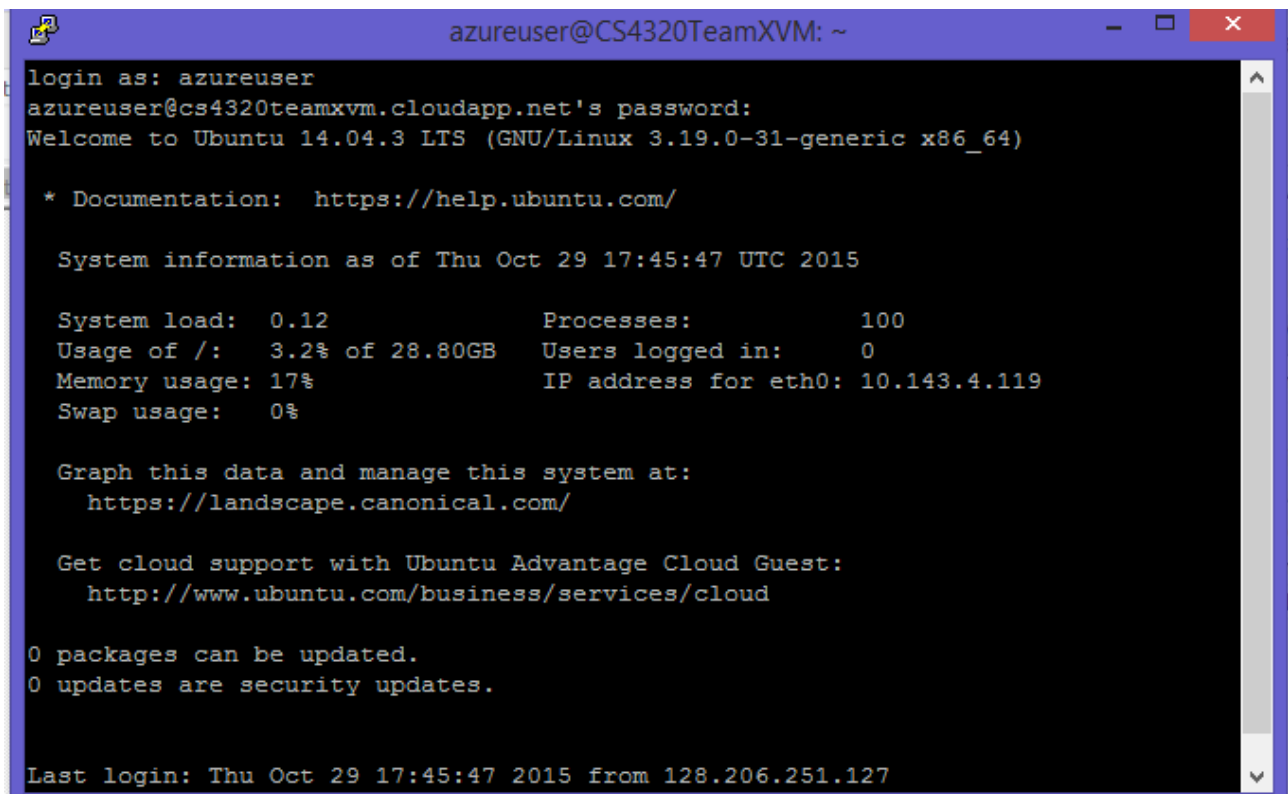
- OS: Ubuntu Server 14.04 LTS
- DNS: cs4320teamxvm.cloudapp.net
- Public Virtual IP: 40.78.158.213
- Internal IP: 10.143.4.119
- SSH: cs4320teamxvm.cloudapp.net : 22
- INPUT ENDPOINTS:
 - CS4320TeamXVM : 40.78.158.213:5432
 - CS4320TeamXVM : 40.78.158.213:80
 - CS4320TeamXVM : 40.78.158.213:22

How To Connect to The VM

- Open Putty
- Use the SSH: cs4320teamxvm.cloudapp.net on port 22 to connect



- Username to use: azureuser
- Password to use: PokemonRocks! (case sensitive)



A terminal window titled "azureuser@CS4320TeamXVM: ~" with standard window controls. The terminal displays the login process for the "azureuser" on a cloud instance. It shows the system version as Ubuntu 14.04.3 LTS (GNU/Linux 3.19.0-31-generic x86_64). System information is printed, including system load (0.12), memory usage (17%), and IP address (10.143.4.119). It also provides links for documentation, system management, and cloud support. At the bottom, it states that 0 packages can be updated and 0 security updates are available. The last login was on Thu Oct 29 17:45:47 2015 from IP 128.206.251.127.

```
login as: azureuser
azureuser@cs4320teamxvm.cloudapp.net's password:
Welcome to Ubuntu 14.04.3 LTS (GNU/Linux 3.19.0-31-generic x86_64)

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

System information as of Thu Oct 29 17:45:47 UTC 2015

System load:  0.12                Processes:            100
Usage of /:   3.2% of 28.80GB      Users logged in:     0
Memory usage: 17%                 IP address for eth0: 10.143.4.119
Swap usage:   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

0 packages can be updated.
0 updates are security updates.

Last login: Thu Oct 29 17:45:47 2015 from 128.206.251.127
```

PostgreSQL

Key Notes

- Because our VM is continuously deployed, PostgreSQL is being continuously deployed as well.

PostgreSQL Information

- Version: 9.3

How do I Use PostgreSQL?

- Log into the Virtual Machine (Refer to How to Connect to The Virtual Machine above).
- Use the command: `sudo -u postgres psql postgres`
- This will enable "psql mode".

```
azureuser@CS4320TeamXVM:~$ sudo -u postgres psql postgres
psql (9.3.10)
Type "help" for help.

postgres=# \dt
               List of relations
 Schema |   Name   | Type  | Owner
-----+-----+-----+-----
 public | company | table | postgres
(1 row)

postgres=# █
```