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## Blog



# Creating A Linux Virtual Machine In the New Azure Portal

By [Abdul Rasheed Feroz Khan](#) on Jul 08 2016

## Introduction

Azure allows you to work with Virtual Machines like Linux, Windows Server, SQL Server, Oracle, IBM, and SAP providing different supports with a large range of computing solutions, running applications, development, testing, etc. Here Azure also supports you to work with Open Source for your flexibility.

## Requirements

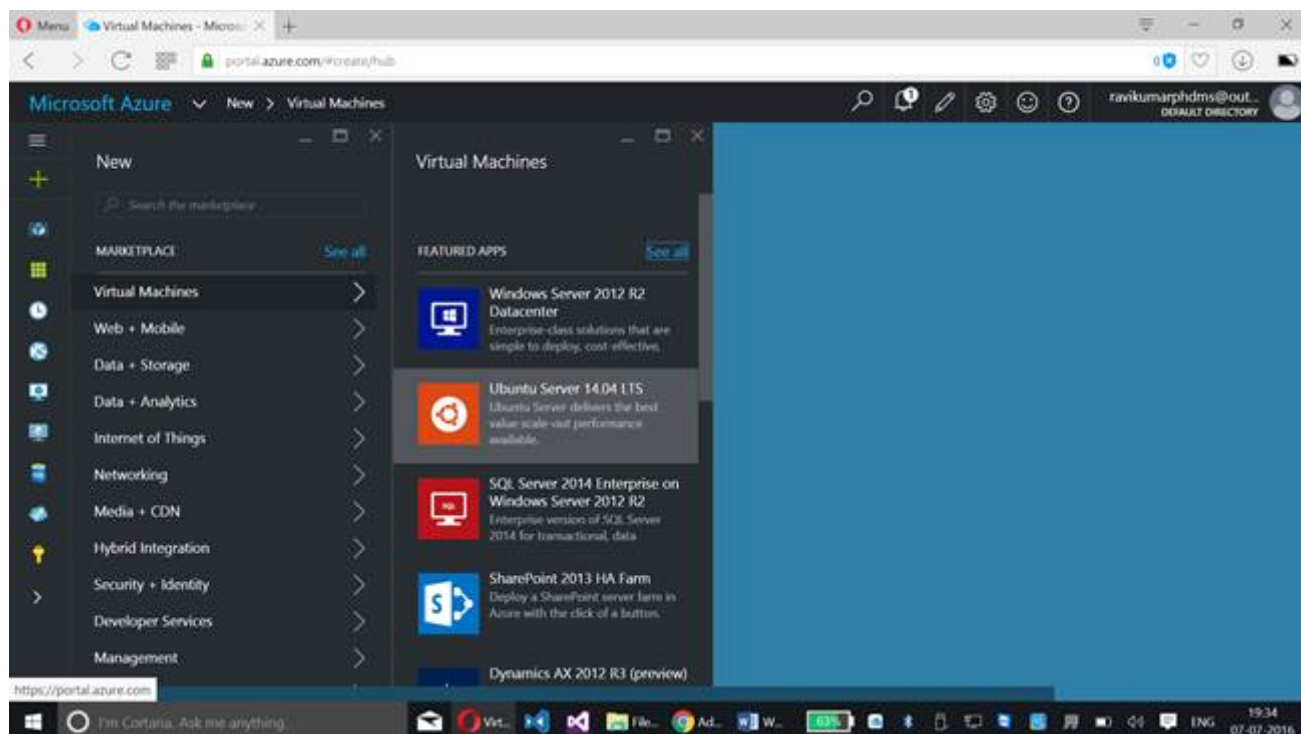
1. Windows Azure account

Follow the following steps to create a VM and attach a disk to it:

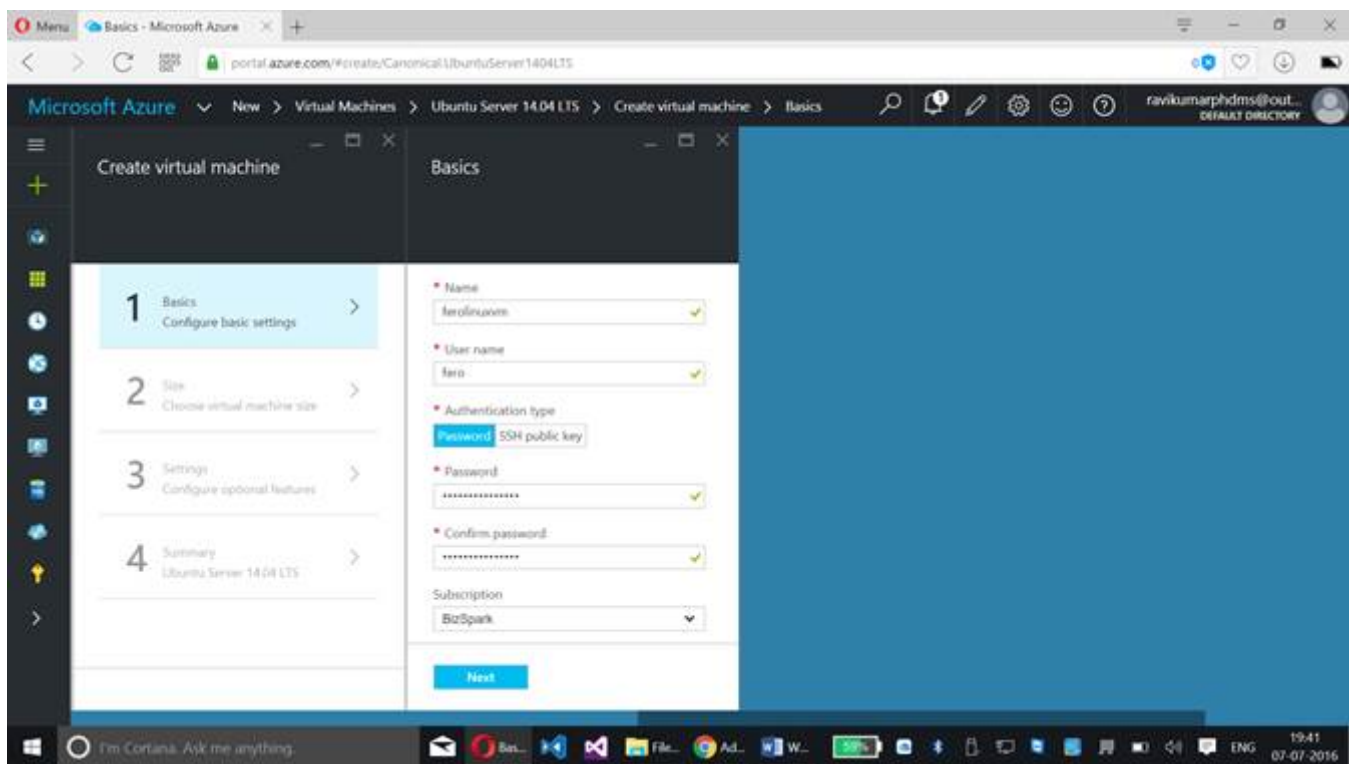
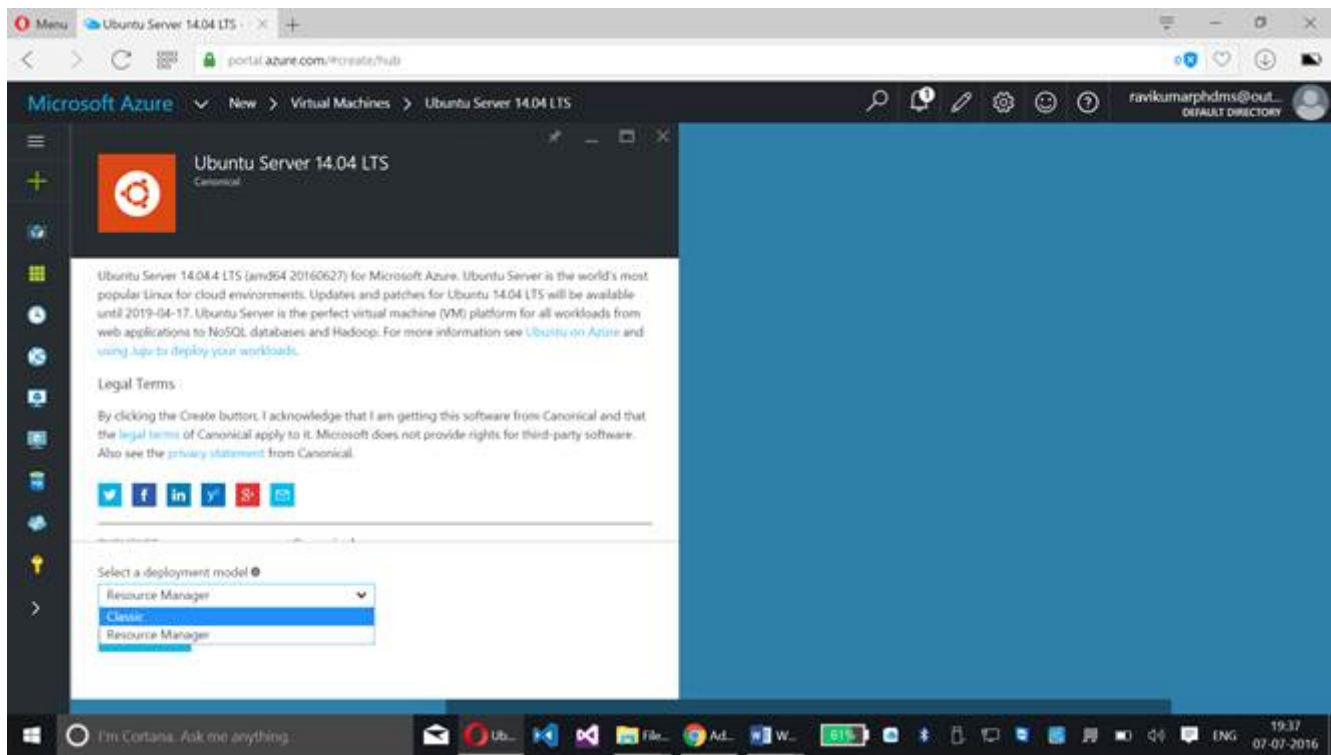
**Note:** Here we will be using Ubuntu Server

**Step 1:** Login to the [Azure Management Portal](#).

New -> Virtual Machines -> Ubuntu Server 14.04 LTS,



**Step 2:** Select Deployment model as Classic,



**Step 3:** Select the pricing tier,

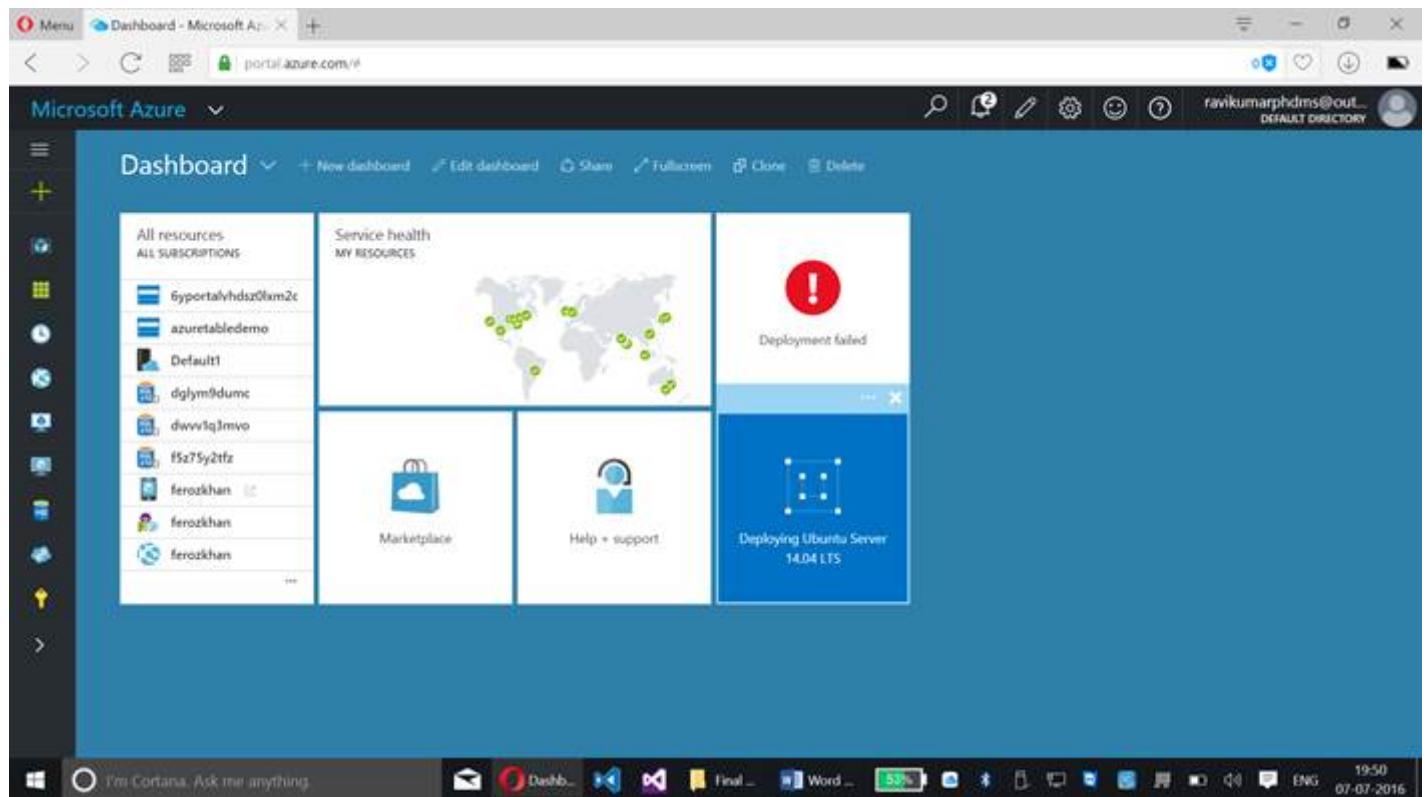
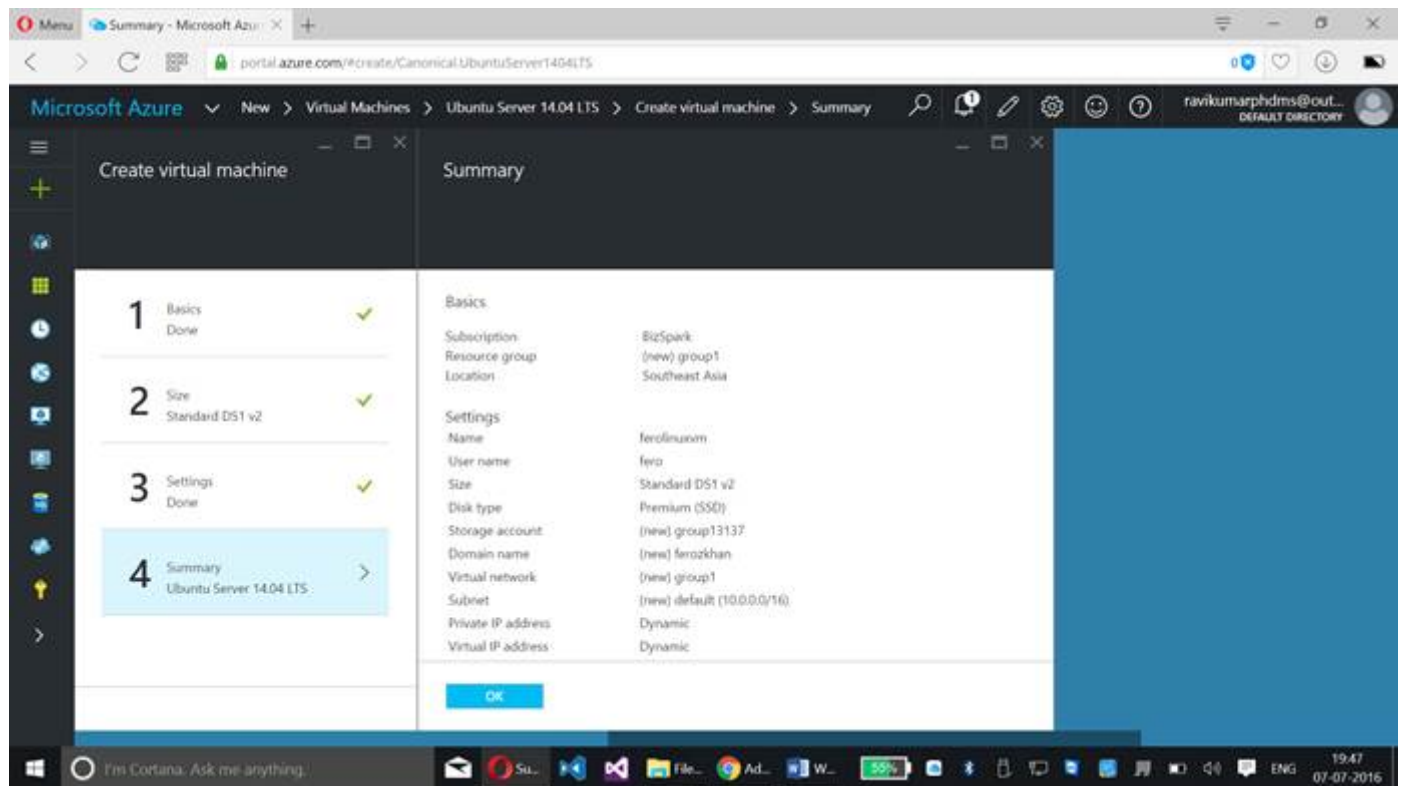
The screenshot shows the 'Choose your virtual machine size' page in the Azure portal. The left sidebar indicates the progress: 1. Basics (Done), 2. Size (Choose virtual machine size), 3. Settings (Configure optional features), and 4. Summary (Ubuntu Server 14.04 LTS). The main area displays three recommended VM sizes: DS1\_V2 Standard, DS2\_V2 Standard, and DS11\_V2 Standard. Each size is compared to a baseline of 1 Core, 3.5 GB memory, 2 data disks, 3200 Max IOPS, and 7 GB Local SSD. The DS1\_V2 Standard is selected, showing a price of 4,068.16 INR/MONTH ESTIMATED. The DS2\_V2 Standard shows 7,733.98 INR/MONTH ESTIMATED, and the DS11\_V2 Standard shows 8,941.02 INR/MONTH ESTIMATED. All sizes include features like Load balancing, Auto scale, and Premium disk support. A 'Select' button is at the bottom.

Size	Cores	Memory	Data disks	Max IOPS	Local SSD	Price (INR/MONTH ESTIMATED)
DS1_V2 Standard	1	3.5 GB	2	3200	7 GB	4,068.16
DS2_V2 Standard	2	7 GB	4	6400	14 GB	7,733.98
DS11_V2 Standard	2	14 GB	4	6400	28 GB	8,941.02

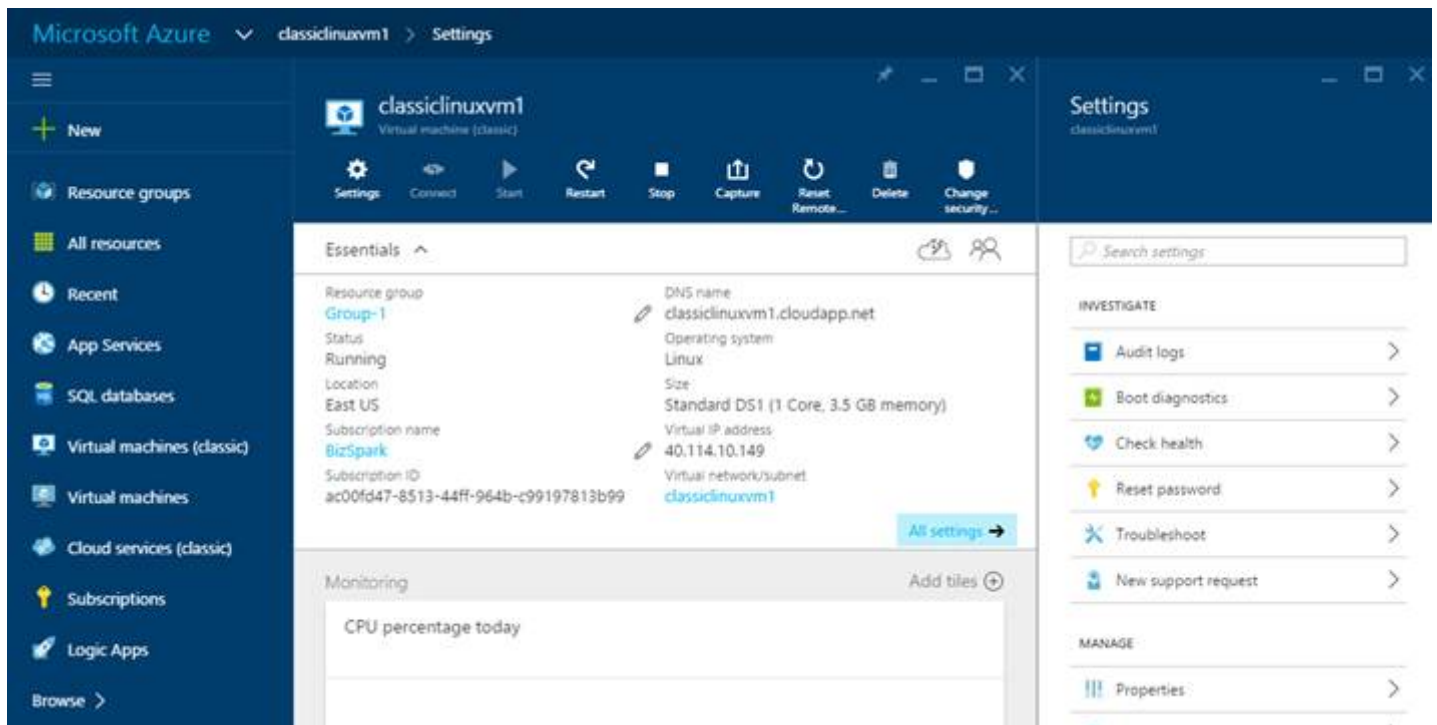
Give the Domain name and click on OK.

The screenshot shows the 'Settings' page in the Azure portal. The left sidebar indicates the progress: 1. Basics (Done), 2. Size (Standard DS1 v2), 3. Settings (Configure optional features), and 4. Summary (Ubuntu Server 14.04 LTS). The main area displays configuration options for Storage, Network, and Virtual network. Under Storage, 'Disk type' is set to 'Premium (SSD)'. Under Network, 'Domain name' is set to '(new) group13137'. Under Virtual network, 'Virtual network' is set to '(new) group1' and 'Subnet' is set to 'default (10.0.0.0/24)'. An 'OK' button is at the bottom.

Setting	Value
Disk type	Premium (SSD)
Storage account	(new) group13137
Domain name	(new) group13137
Virtual network	(new) group1
Subnet	default (10.0.0.0/24)



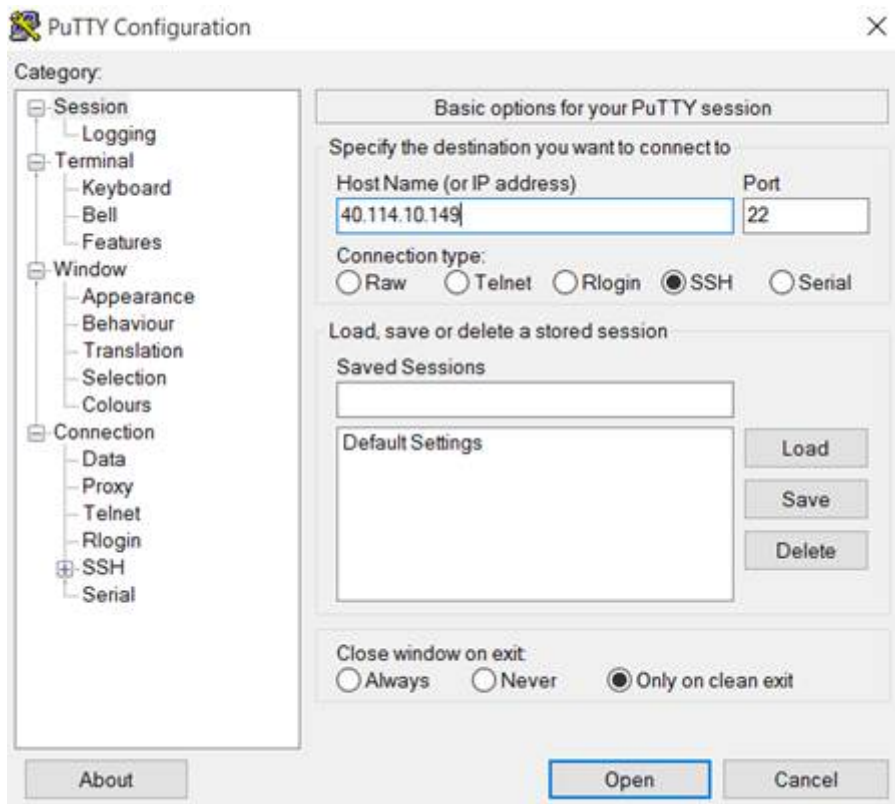
Here is the Linux Virtual Machine Settings,



To connect with Linux VM you need to install any SSH Client.

- [PuTTY](#)

Enter Virtual IP address available on settings blade,



Enter VM login username & password.



```
linuxadmin@classiclinuxvm1: ~  
login as: linuxadmin  
linuxadmin@40.114.10.149's password:  
Welcome to Ubuntu 14.04.3 LTS (GNU/Linux 3.19.0-37-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com/  
  
System information as of Sat Jan  9 14:55:08 UTC 2016  
  
System load: 0.23           Memory usage: 2%    Processes:      80  
Usage of /:  45.4% of 1.94GB 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  
  
0 packages can be updated.  
0 updates are security updates.  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
linuxadmin@classiclinuxvm1:~$
```

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