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Article



Azure DevTest - Create A Claimable Virtual Machine

By **Abdul Rasheed Feroz Khan** on **Jul 10 2017**

Introduction

This article is a continuation of my previous one in which we were dealing with Azure DevTest for creating a Lab environment for testers and developers to host their applications on the cloud which will walk with a smart path for them. Click [here](#) to surf for it.

In this article we will be working with creating a claimable virtual machine on the same devtest lab which we have created by the previous demo. Click [here](#) to know more about Claimable Virtual Machines and pooling them.

At the end of this article you will be achieving the following objective:

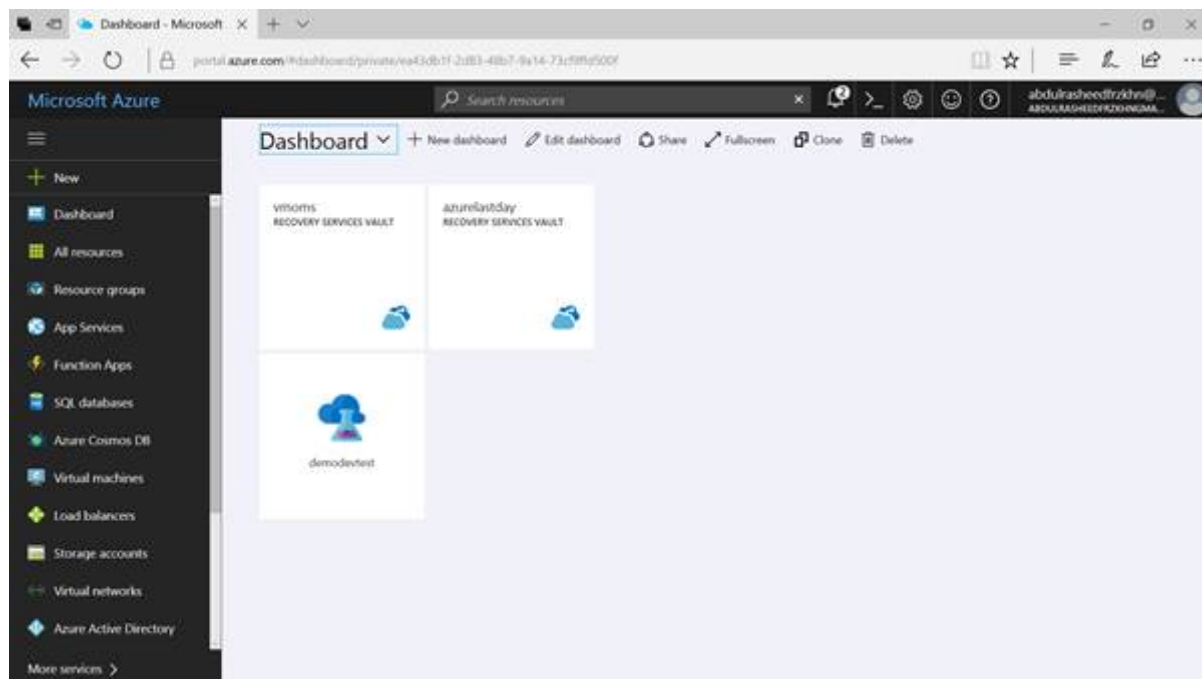
1. Creating a claimable Virtual Machine on Azure DevTest labs.

Follow the below steps now,

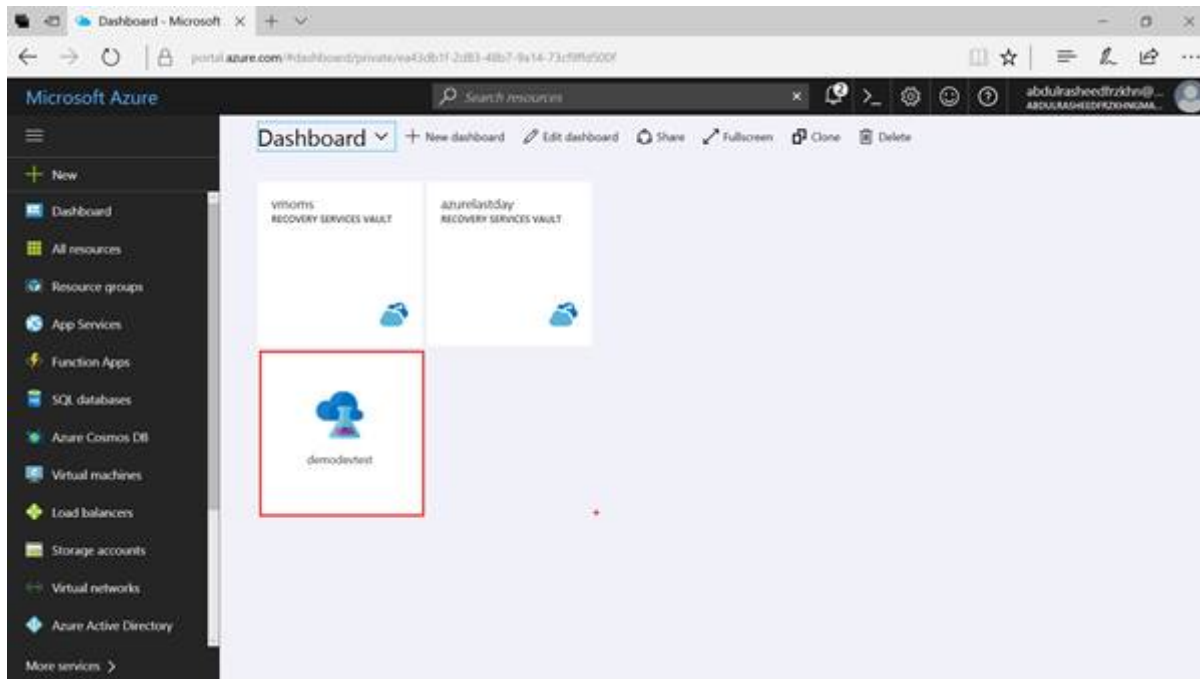
CREATING A CLAIMABLE VIRTUAL MACHINE

Login to the Azure Portal – www.portal.azure.com

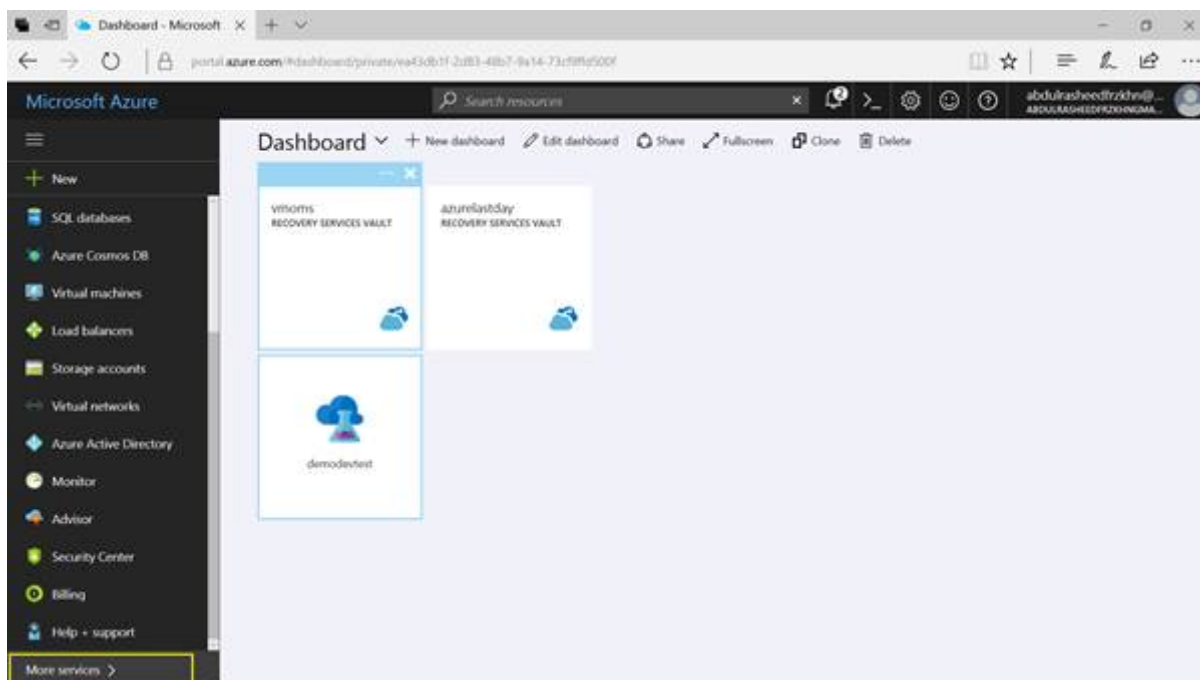
Here goes my azure portal with the devtest lab which I have already created in the previous demo.



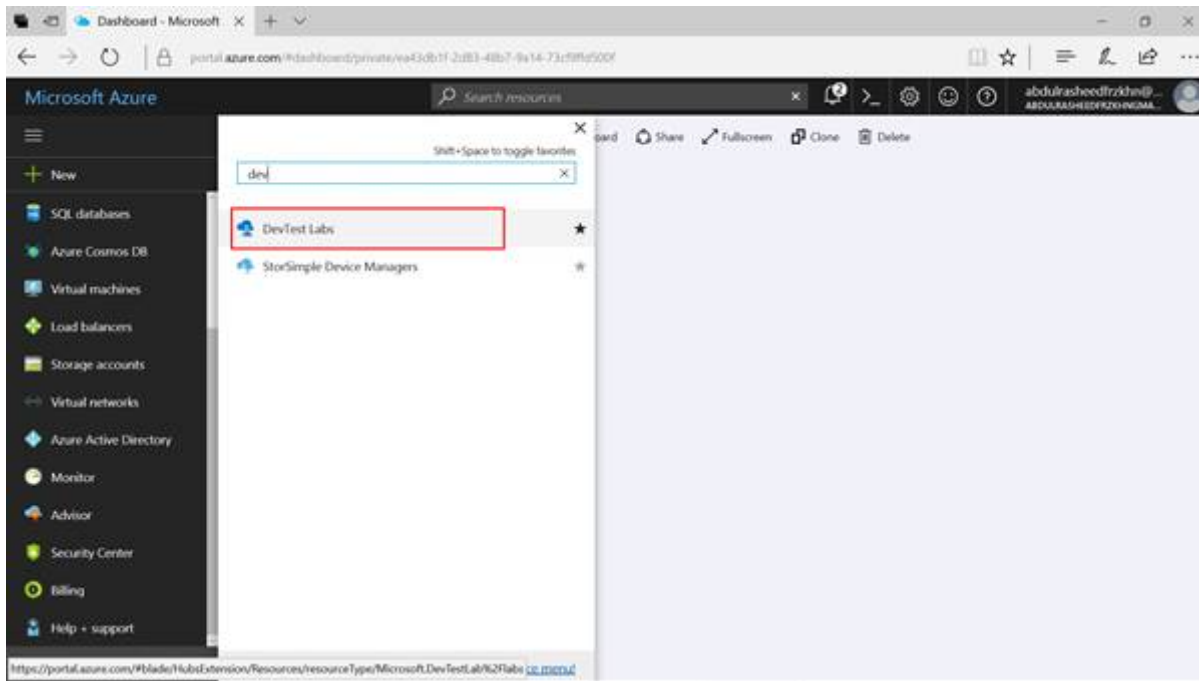
Lets click on the DevTest lab named “demodevtest” over here.



Now let's click on More Services from the Service blade of azure portal

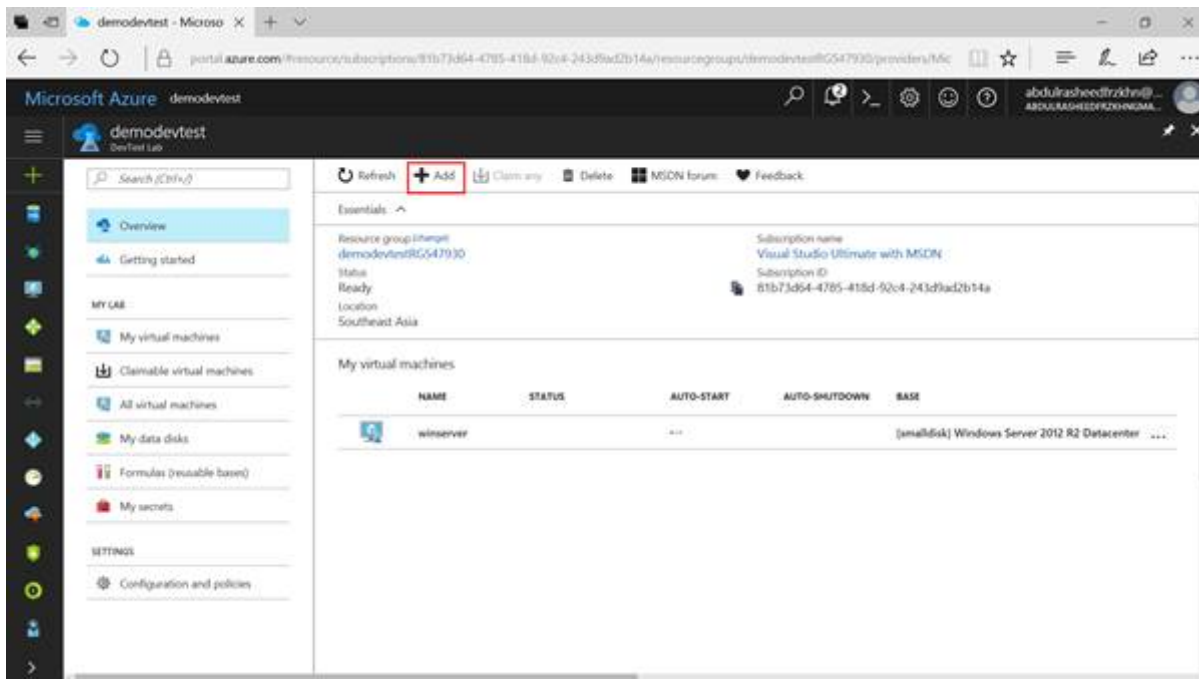


Search for DevTest labs in the search bar and click on the same as shown below,

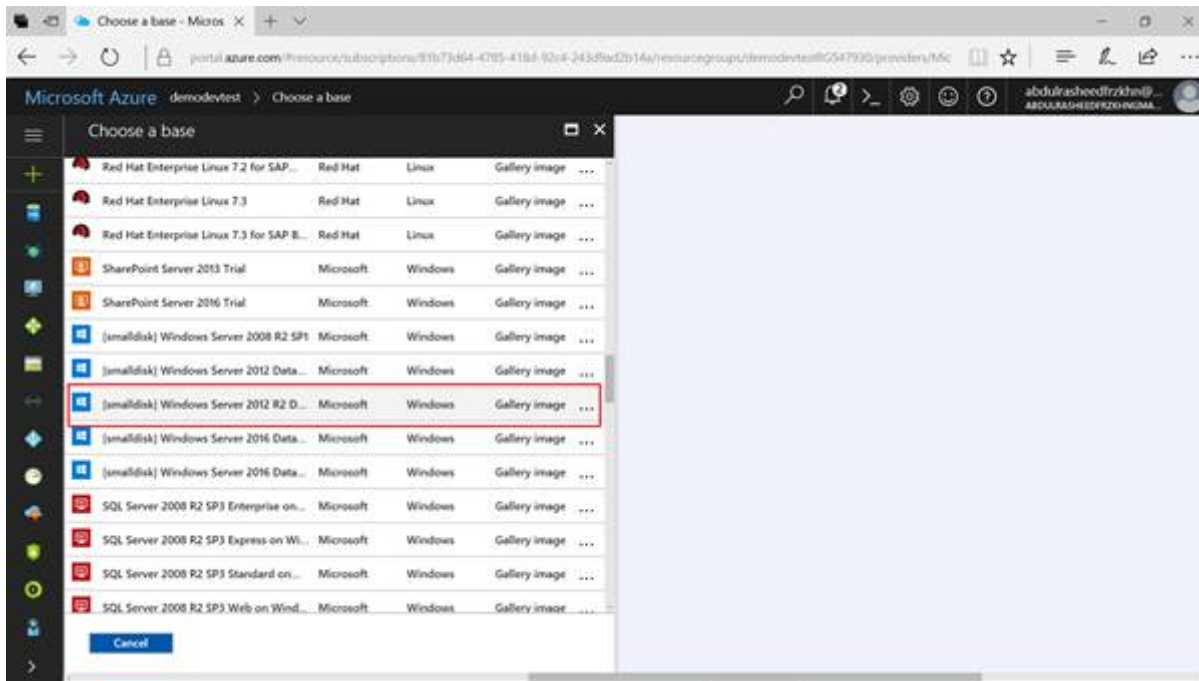


And even from this DevTest Lab environment you can move for the DevTest Lab environment which you have created as shown above.

Now here at this “demodevtest” click on Add to add the Claimable Virtual Machine on the same devtest lab environment.



Here at this Choose a Base blade select the image of the virtual machine for which you want to add it as shown below,

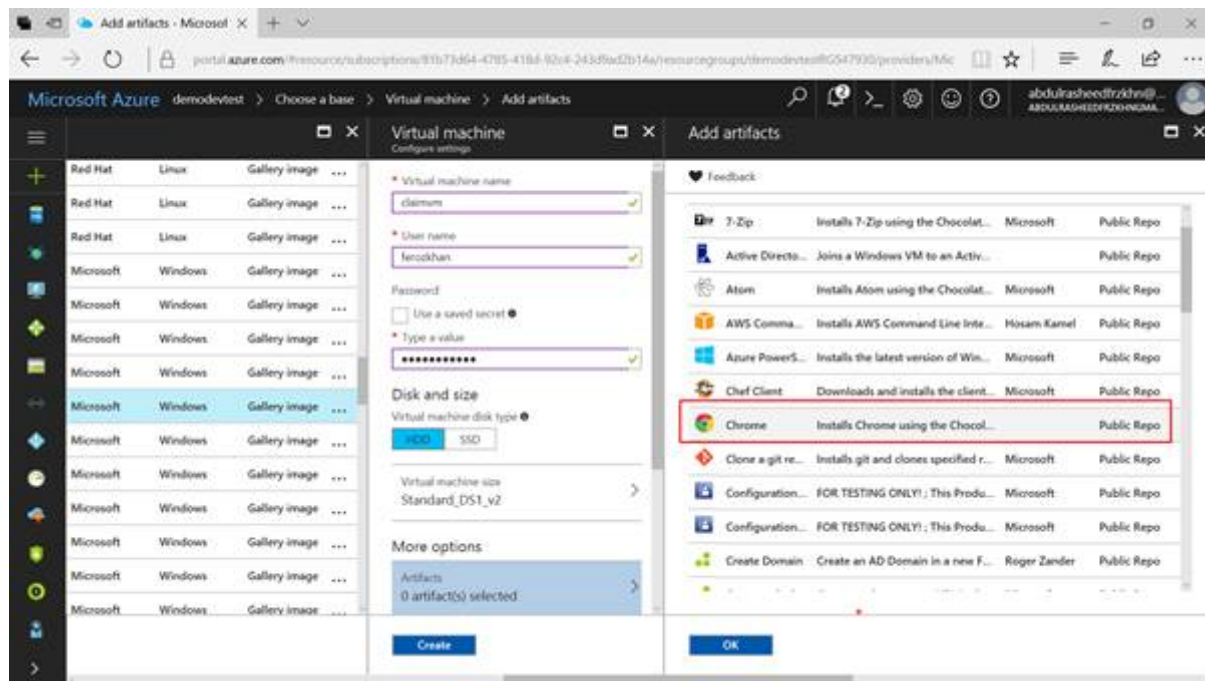


Configure the below details for it.

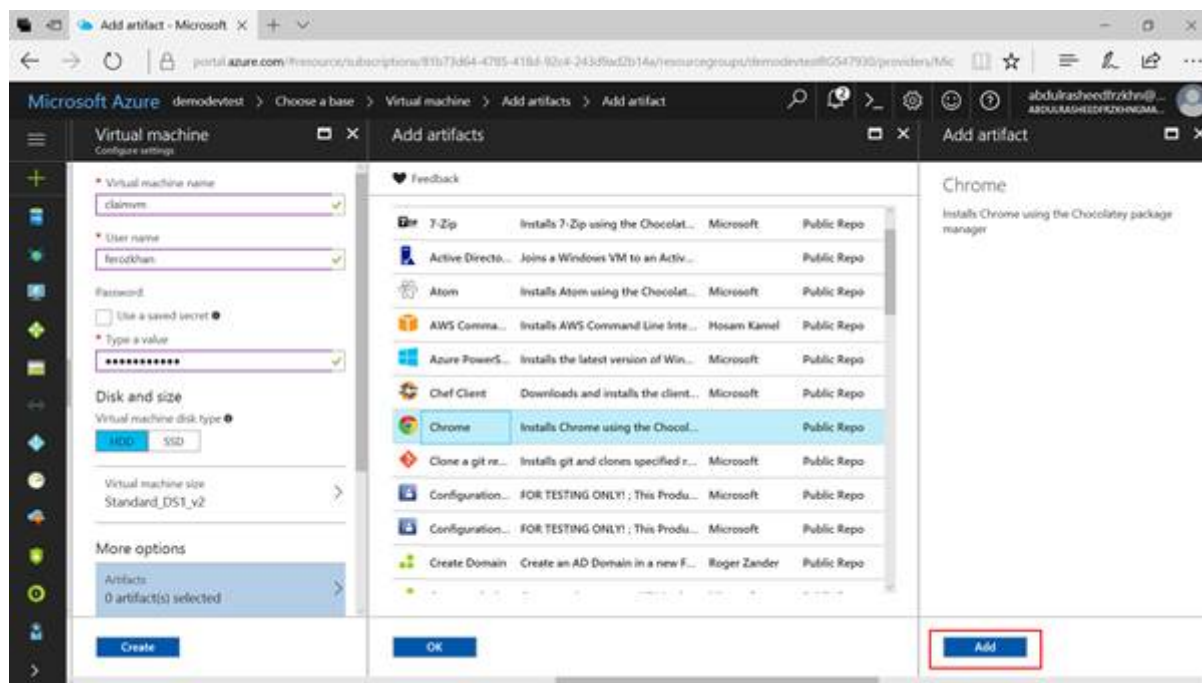
- Name the Virtual Machine.
- User name for the Virtual Machine.
- Disk and size of the Virtual Machine.
- Artifacts to be added.
- Advanced settings (surf for the steps below)

I have configured here with the below details as shown,

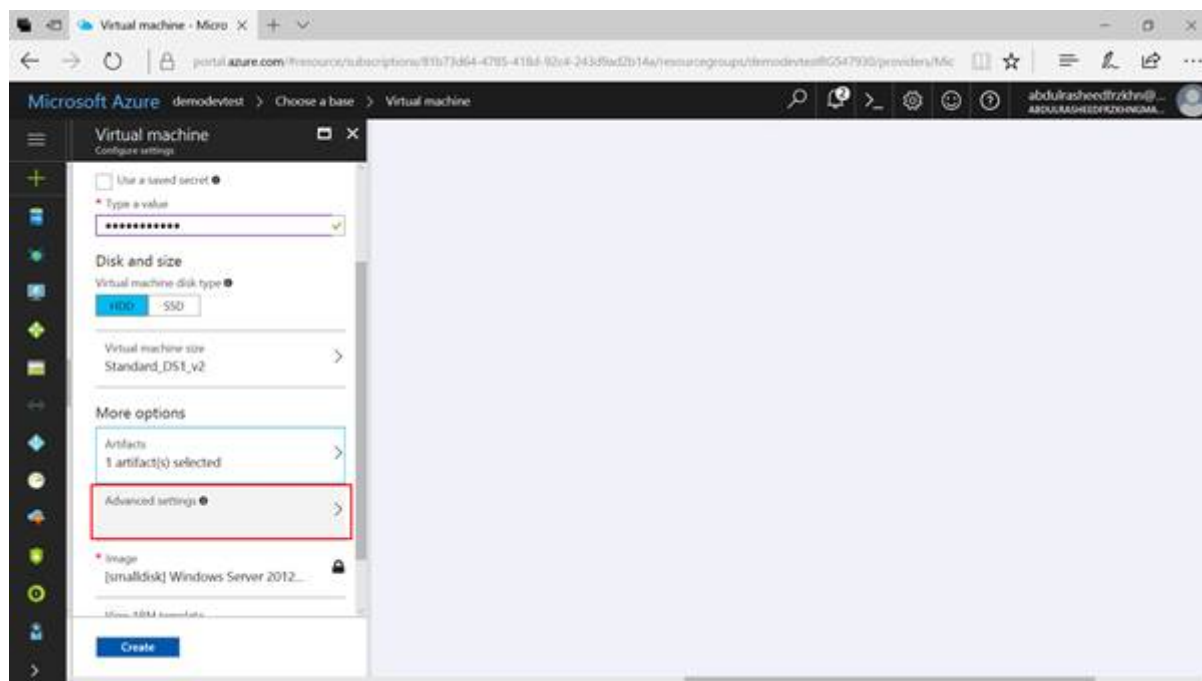
- VM name – claimvm
- User Name – ferozkhan
- Password –
- Disk – HDD
- Size – Standard_DS1_v2
- Artifacts – Google Chrome



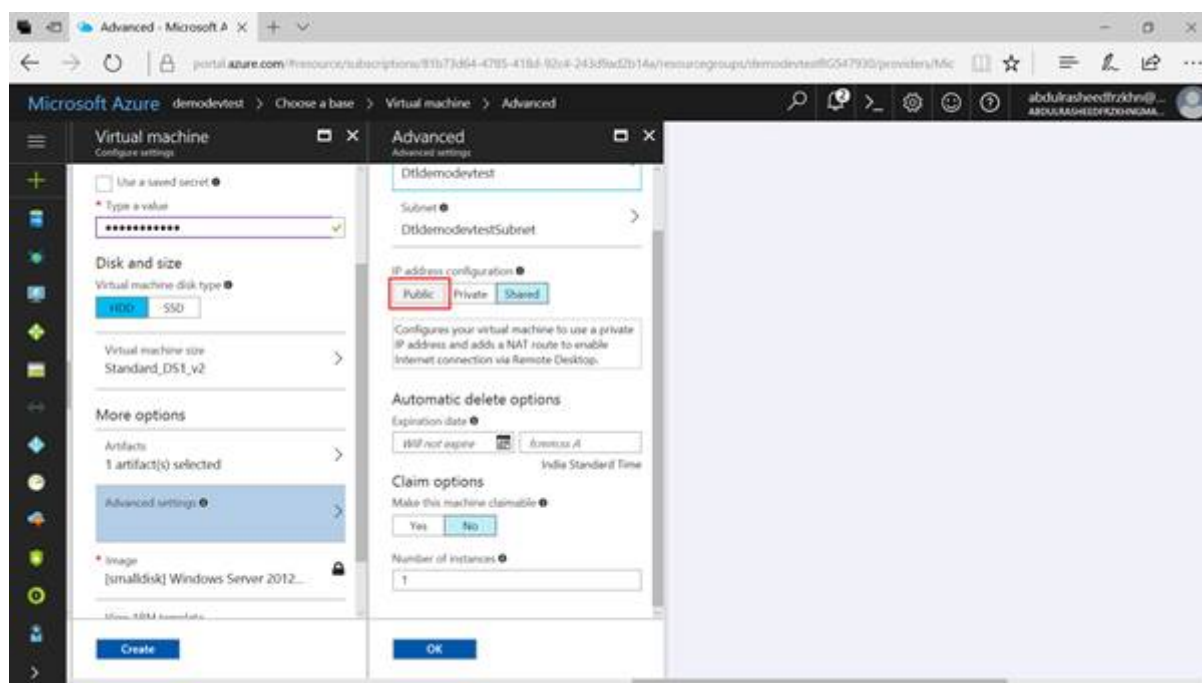
Click on Add for adding the Artifact



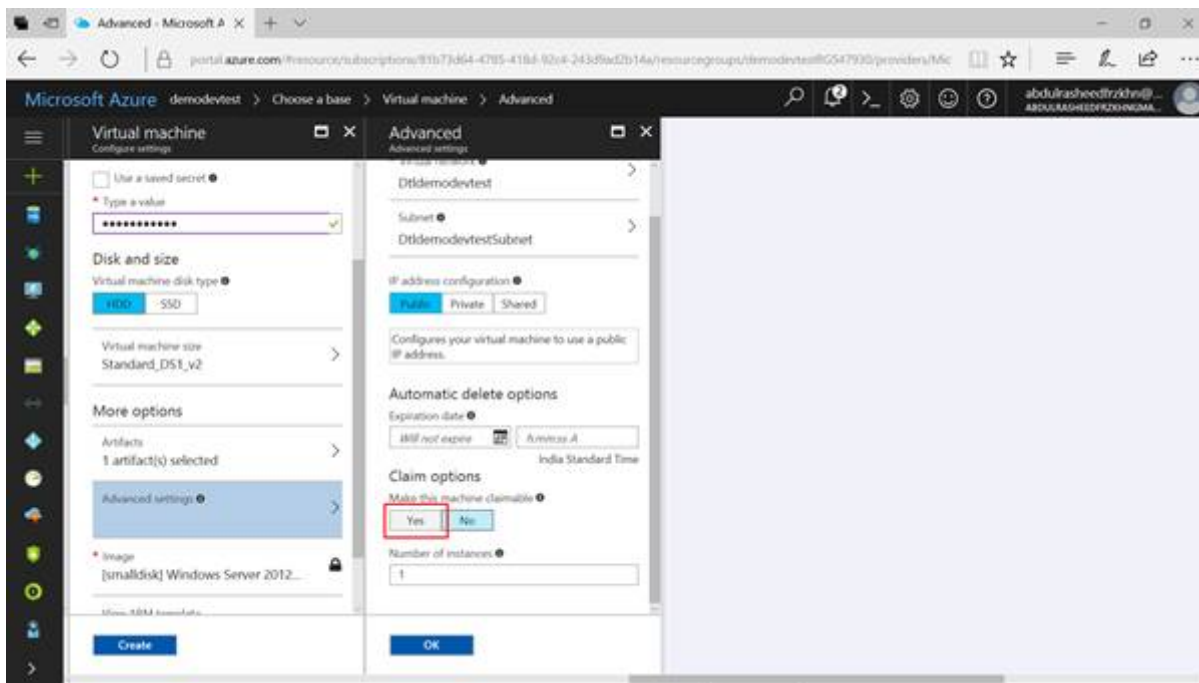
Lets move for Advanced Settings now.



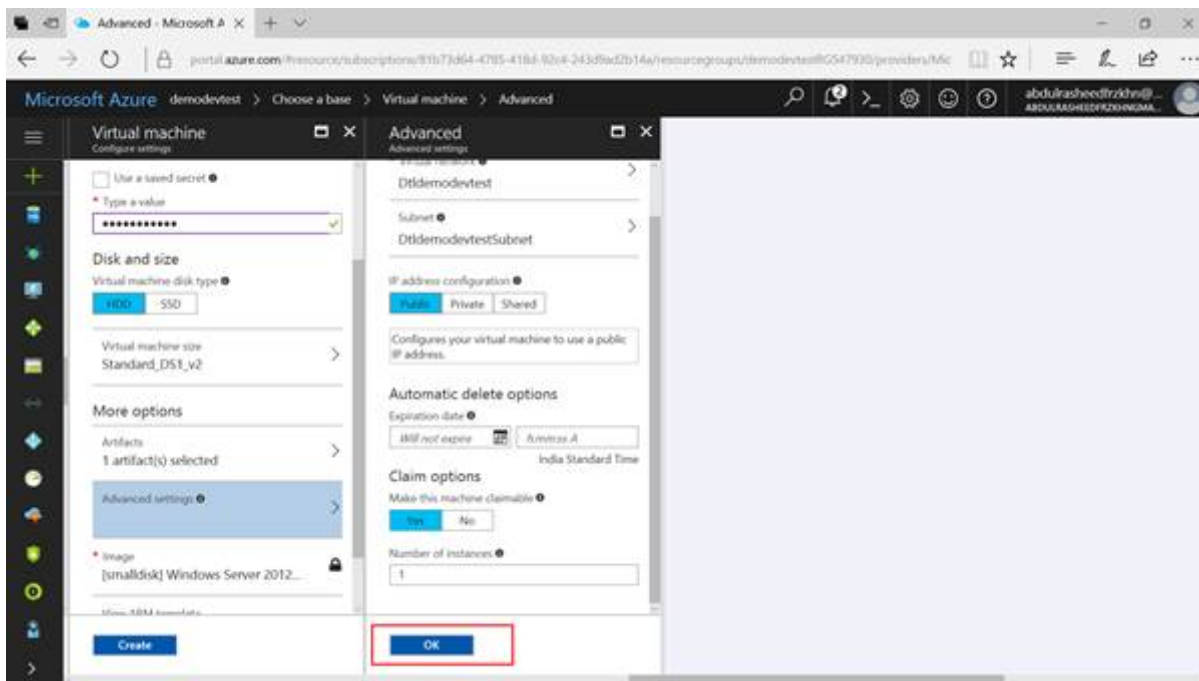
Make IP address to be available as a Public one



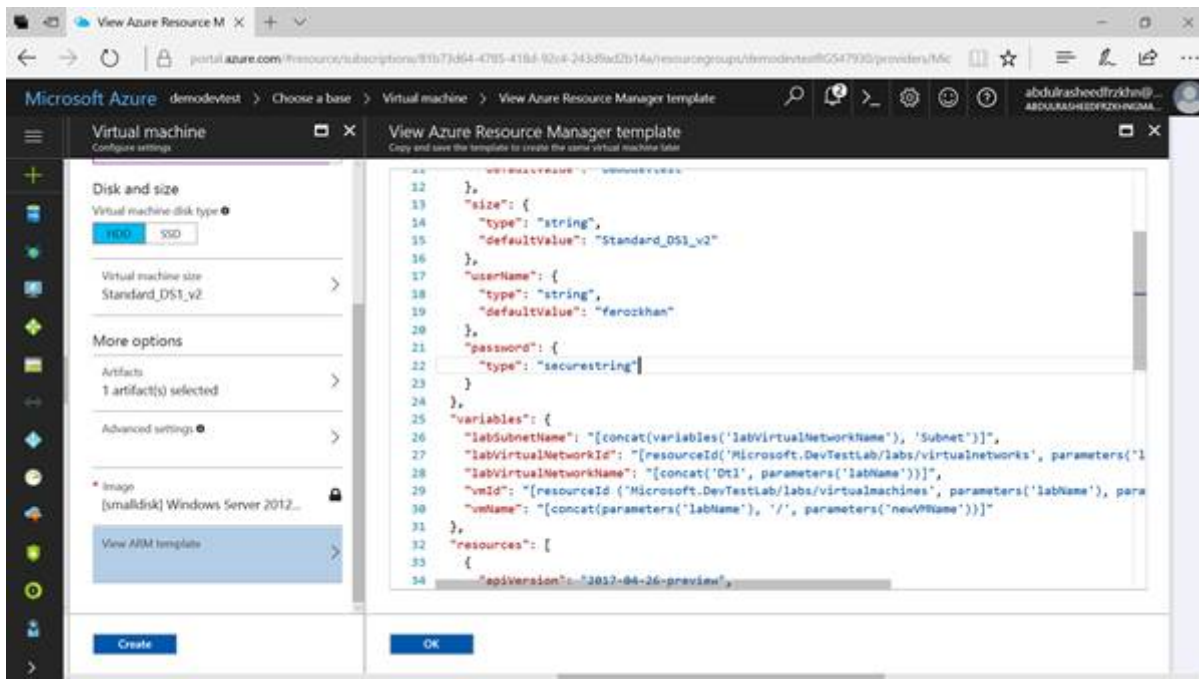
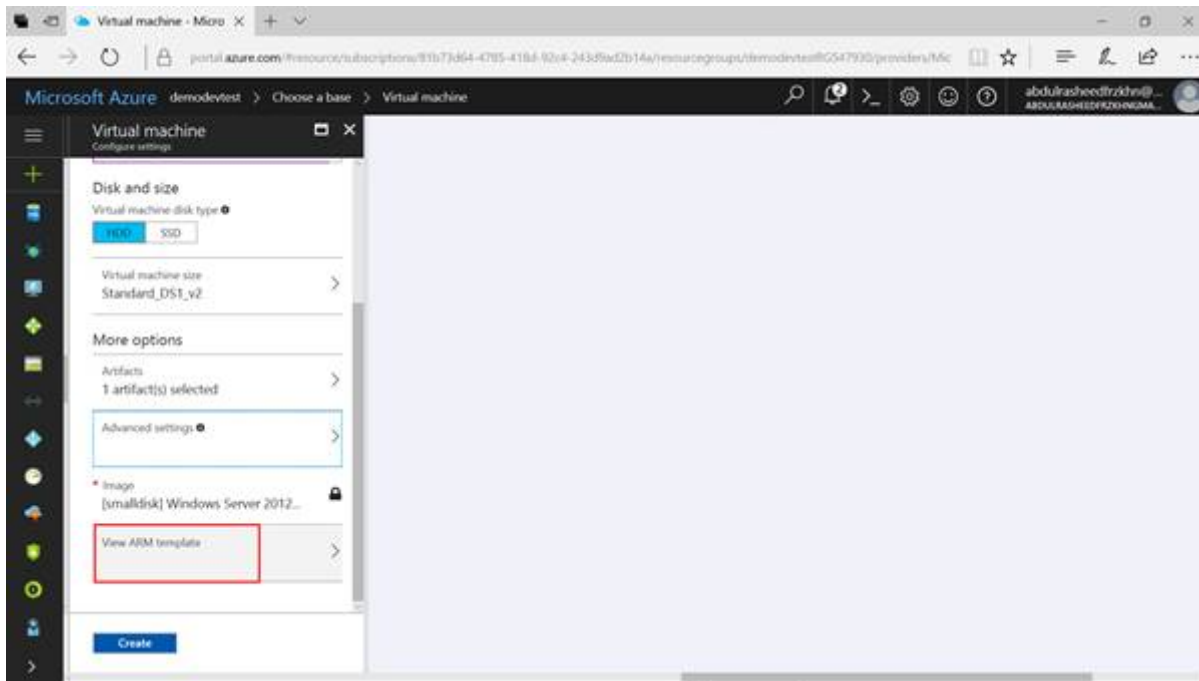
Set the machine to be claimable one by clicking on Yes

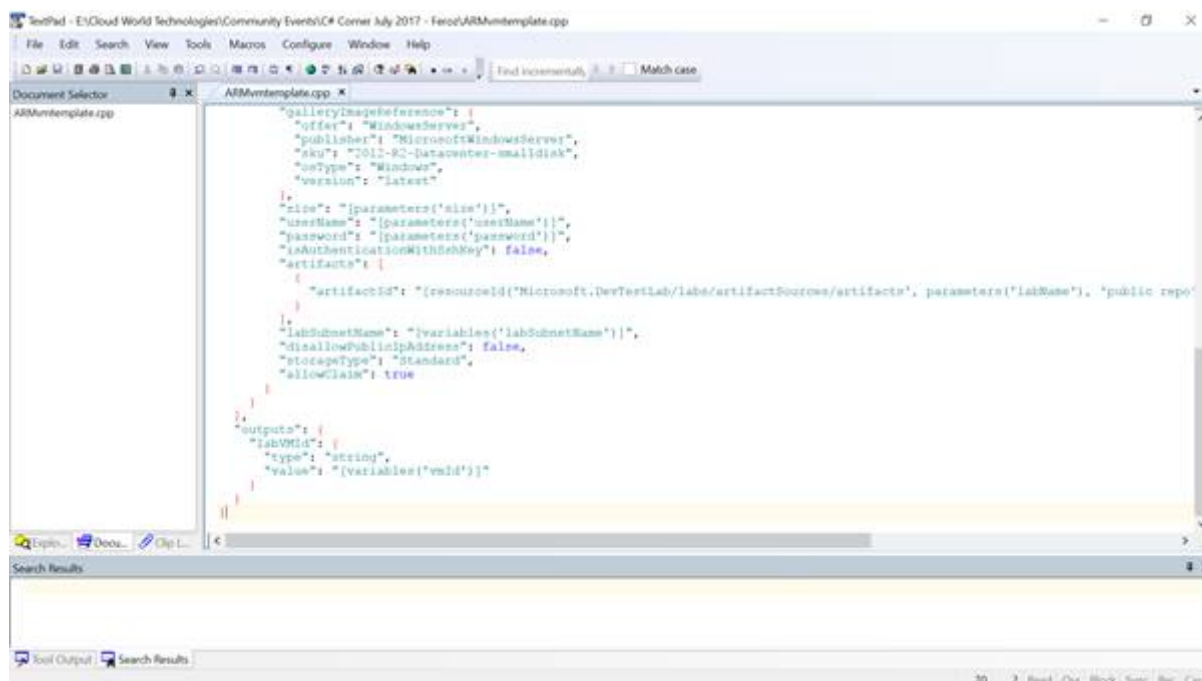


Click on OK to close this Advanced blade which has been configured for Claimable Virtual Machine

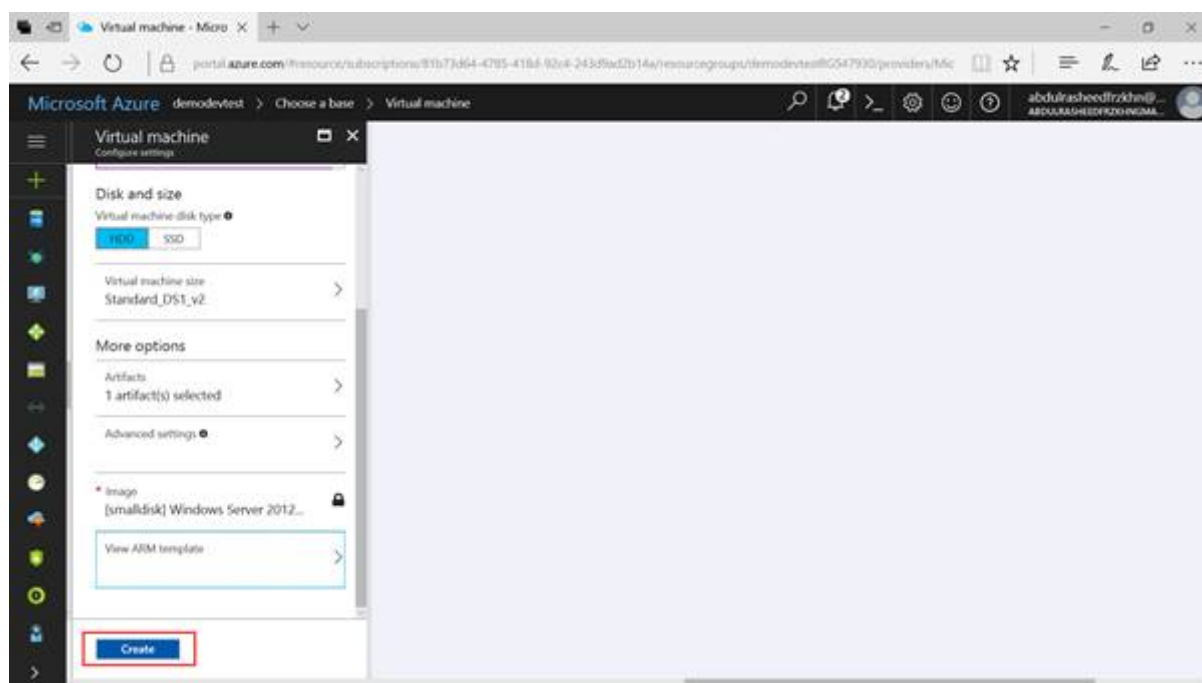


Click on View Azure Resource Manager Template to copy the template script which you can use it later for deployment purposes. (We will be working for the same in below steps)

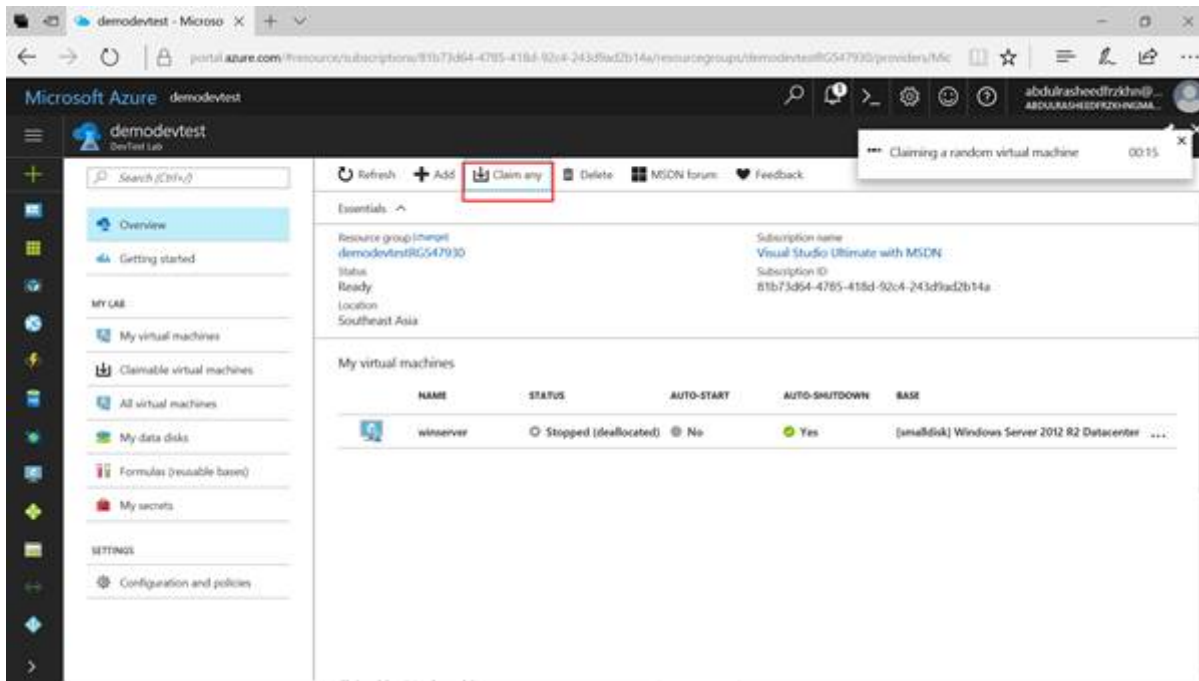




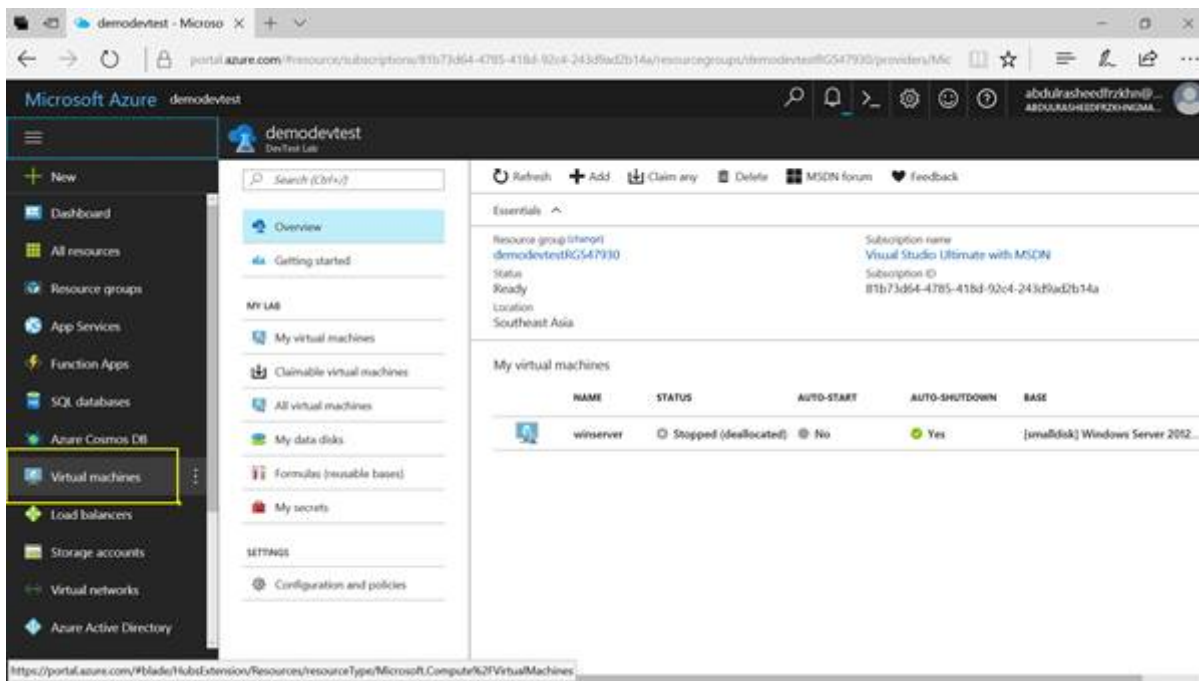
Click on Create to Create this Claimable Virtual Machine.



Once after the deployment is completed you can click on Claim Any on the DevTest Lab as shown,



To make sense whether the Claimable Virtual Machine has been deployed or not click on Virtual Machines from the Master Blade which will help you to find the available virtual machines.



Virtual machines and Virtual machines (classic) can now be managed together in the combined list below.

Subscriptions: All 2 selected

Filter by name: All subscriptions All types All locations No grouping

NAME	TYPE	STATUS	RESOURCE GROUP	LOCATION	SUBSCRIPTION
claimablevm	Virtual machine		demovest-claimable...	Southeast Asia	Visual Studio Ultimate with...
claimvm	Virtual machine		demovest-claimvm-30...	Southeast Asia	Visual Studio Ultimate with...
winserver	Virtual machine		demovest-winserver-5...	Southeast Asia	Visual Studio Ultimate with...

Search (Ctrl+F)

Overview

Getting started

MY LAB

- My virtual machines
- Claimable virtual machines
- All virtual machines
- My data disks
- Formulas (reusable boxes)
- My secrets

SETTINGS

- Configuration and policies

Refresh + Add Claim any Delete MSDN forum Feedback

Essentials

Resource group (name): demovestRG547930

Subscription name: Visual Studio Ultimate with MSDN

Status: Ready

Subscription ID: 81b73d54-4765-418d-92c4-243d9ad2b14a

Location: Southeast Asia

My virtual machines

NAME	STATUS	AUTO-START	AUTO-SHUTDOWN	BASE
winserver		...		[small disk] Windows Server 2012 R2 Datacenter ...
claimablevm		...		[small disk] Windows Server 2012 R2 Datacenter ...

Here we go with the Claimable Virtual Machine on the DevTest Lab.

Notifications

Dismiss: **Informational** Completed All

- Successfully claimed a random virtual ma... 00:21
 Claiming a random virtual machine.
- ₹ 7,750.25 credit remaining 00:19
 Subscription 'BizSpark' has a remaining credit of ₹ 7,750.25
- ₹ 9,983.64 credit remaining 00:19
 Subscription 'Visual Studio Ultimate with MSDN' has a remaining credit of ₹ 9,983.64

AUTO-START AUTO-SHUTDOWN

allocated) ☐ No ☒ Yes

You can connect to the Claimable Virtual Machine by right clicking on the same and Clicking on Connect.

Microsoft Azure demovettest

demovettest DevTest Lab

Search (Ctrl+F)

Refresh + Add Claim any Delete MSDN forum Feedback

Essentials

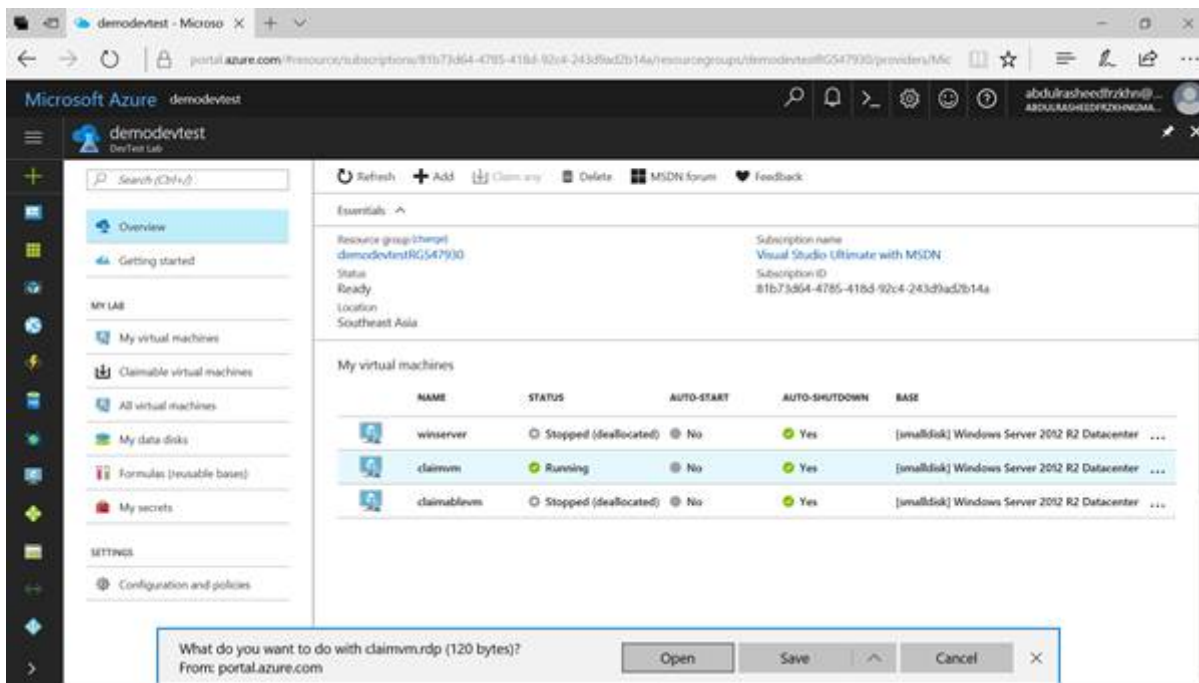
Resource group (changed) demovettestRG547930 Subscription name Visual Studio Ultimate with MSDN
 Status Ready Subscription ID 81b73d64-4785-418d-92c4-243d9ad7b14a
 Location Southeast Asia

My virtual machines

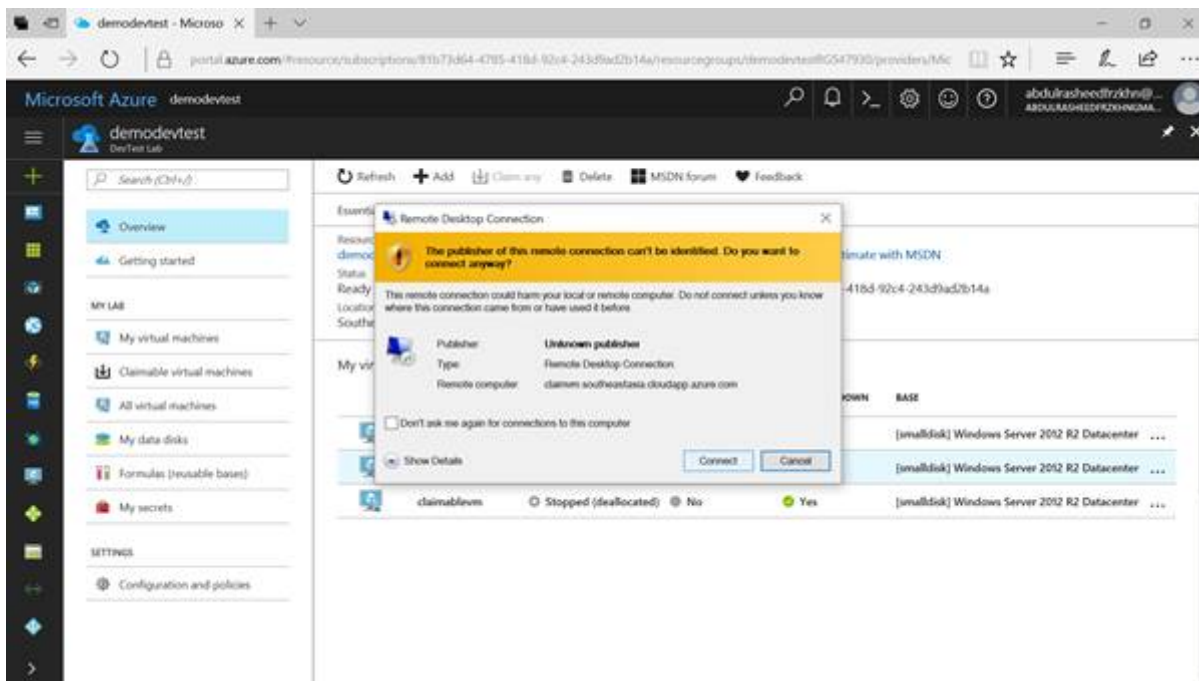
NAME	STATUS	AUTO-START	AUTO-SHUTDOWN	BASE
winserver	Stopped (deallocated)	<input type="radio"/> No	<input checked="" type="radio"/> Yes	[small disk] Windows Server 2012 R2 Datacenter ...
claimvm	Running	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> Yes	[small disk] Windows Server 2012 R2 Datacenter ...
claimablevm	Running	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> Yes	[small disk] Windows Server 2012 R2 Datacenter ...

Context menu options: Connect, Stop, Artifacts, Delete, Pin to dashboard

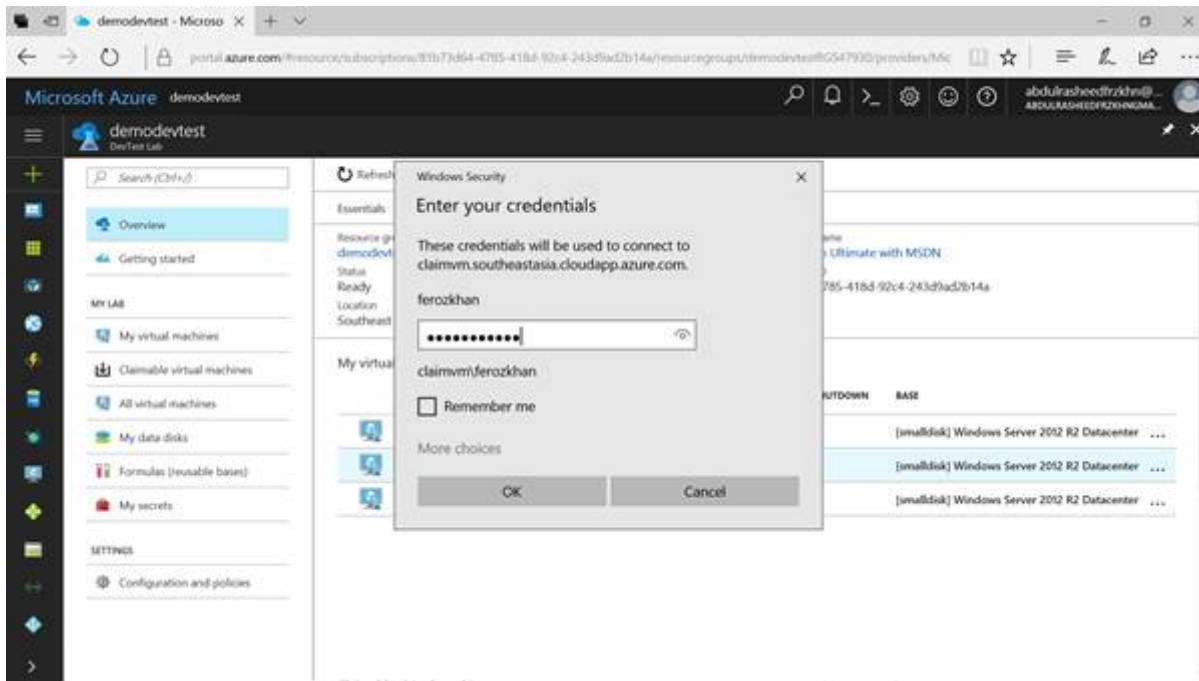
Connect it with help of Remote Desktop Connection as shown below



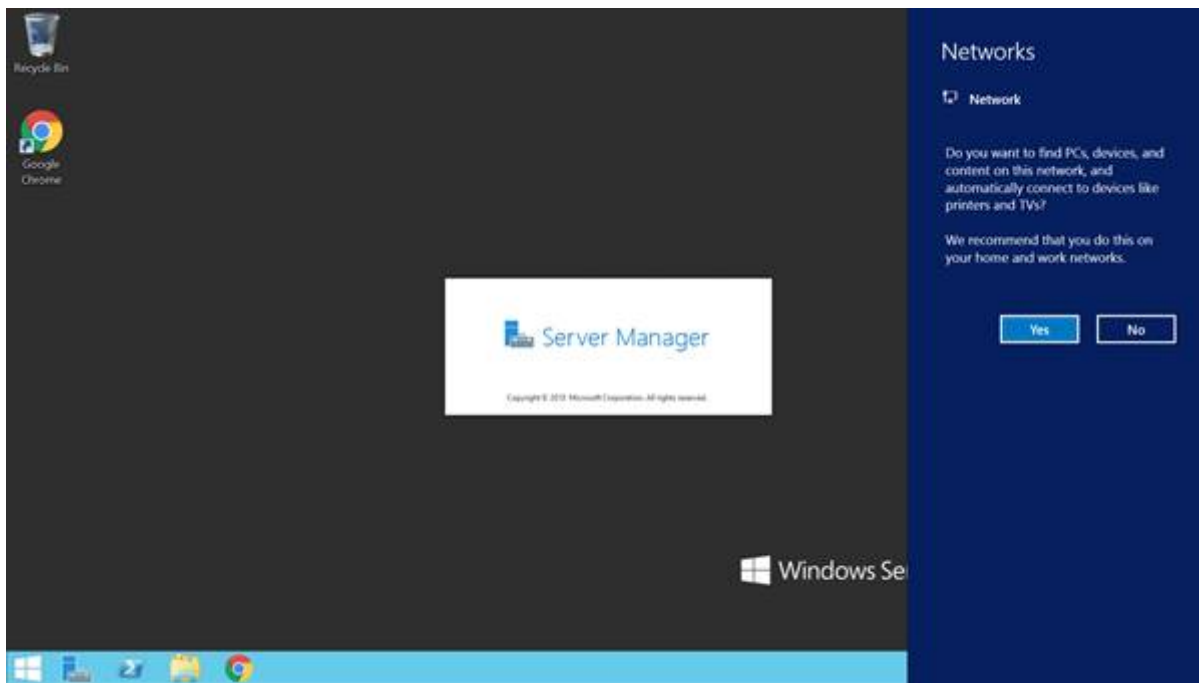
Click on Connect



Enter the password for the Remote Desktop Connection to get connected with the Claimable Virtual Machine,



Here goes your Claimable Virtual Machine Deployed for the Azure DevTest Lab.



Follow my next article to work on deploying a Virtual Machine from ARM json template.

Thank you for using C# Corner