CAD – App Service

Hands-on Lab Setup Guide

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# Exercise 1: Create a new virtual machine

In this exercise you will create a Lab VM that will be used for the CAD PPE Hands-on lab.

## Task 1: Login

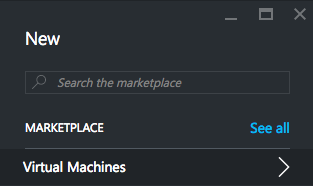
* 1. Launch a browser and navigate to <https://portal.azure.com>. Once prompted, login with your Microsoft Azure credentials. If prompted, choose whether your account is an organization account or just a Microsoft Account.
     1. **Note:** You may need to launch an "in-private" session in your browser if you have multiple Microsoft Accounts.

## Task 2: Create a new virtual machine

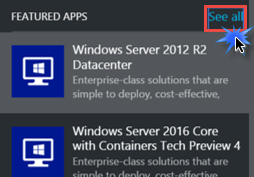
1. Click on the **+NEW** link.



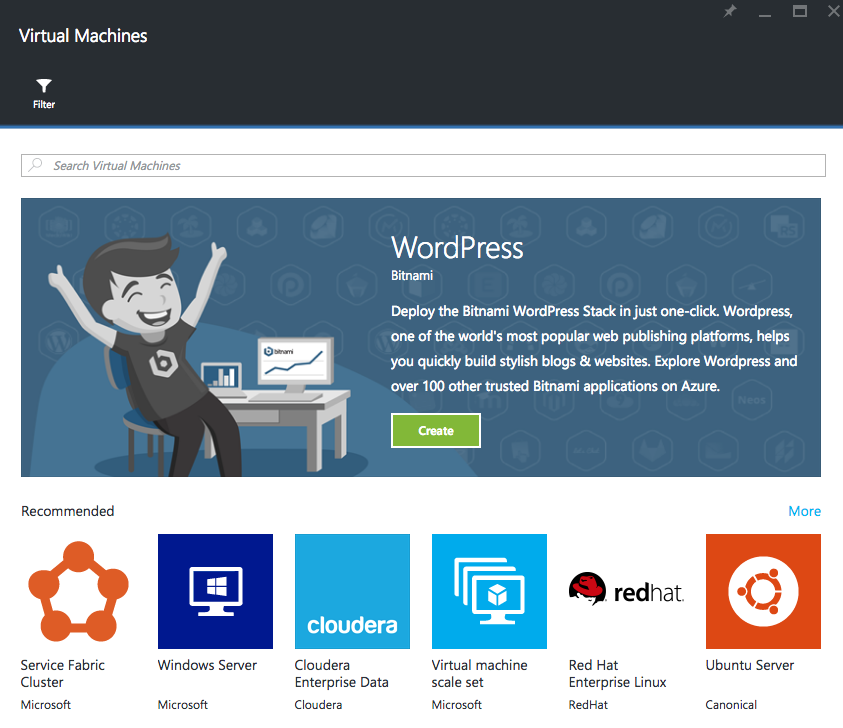
1. Select ‘Virtual Machines in the blade that comes up.



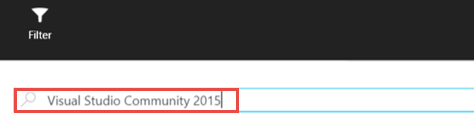
1. In the Virtual Machines blade select ‘see all’.



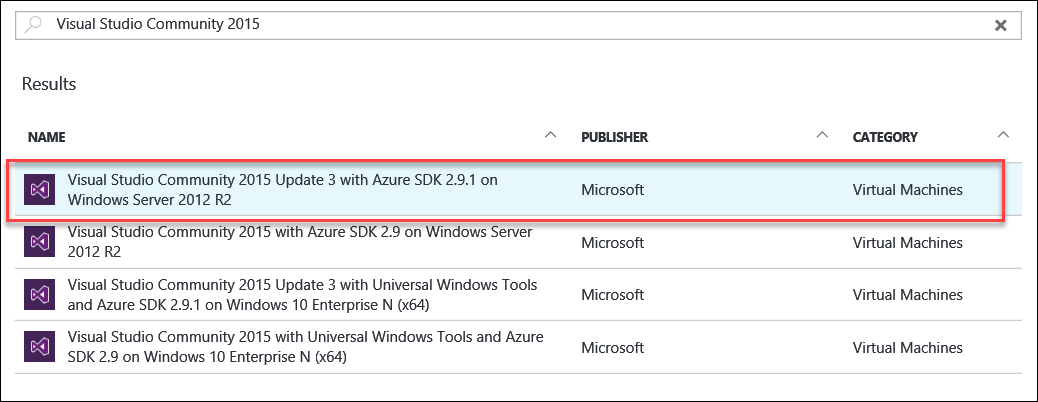
1. This will present the compute related gallery of resources from which you can select a particular image and create an instance.



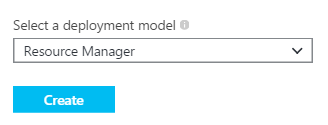
You can use the Search feature to filter the image that you are interested in. Enter **Visual Studio Community 2015** in the search box.



1. Then click on **Visual Studio Community 2015 Update 3 with Azure SDK 2.9.1 on Windows Server 2012 R2**.

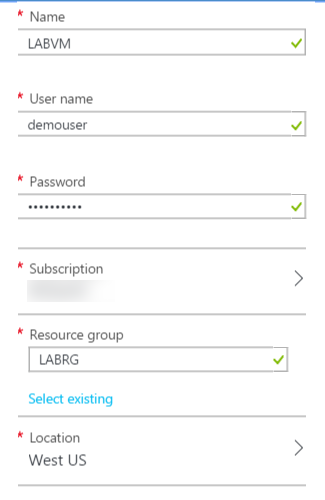


1. In the blade that comes up, at the bottom of ensure the deployment model is set to **Resource Manager** and click **Create**.



1. Set the following configuration on the Basics tab.

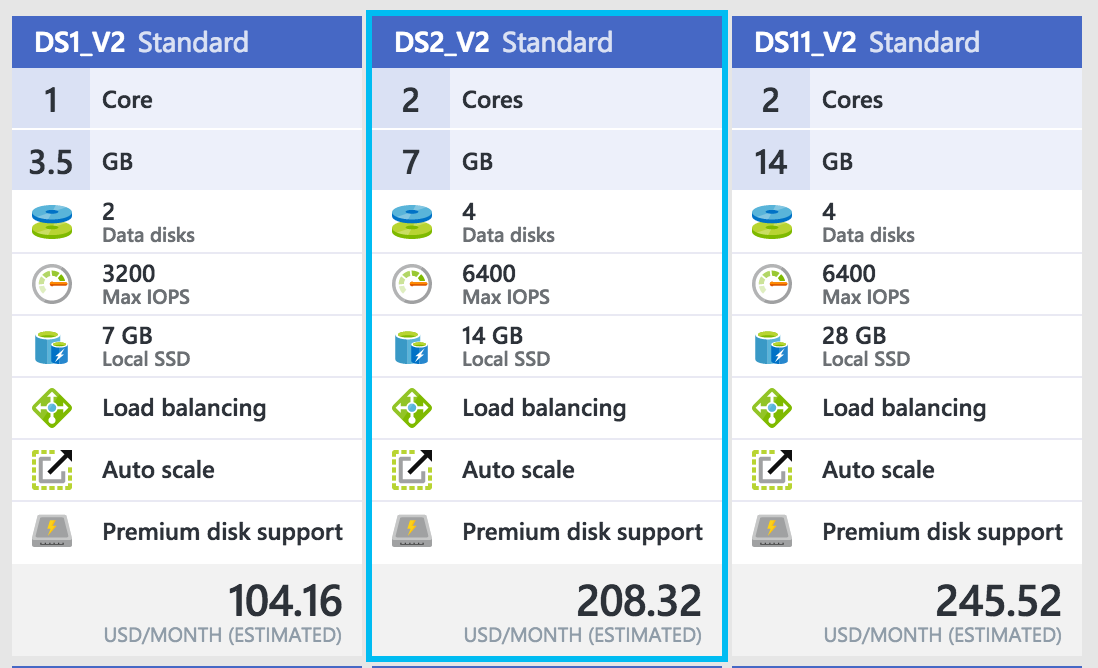
* Name: LABVM
* User name: demouser
* Password: demo@pass12345
* Subscription: If you have multiple subscriptions choose the subscription to execute your labs in.
* Resource Group: LABRG
* Location: Choose the closest Azure region to you.



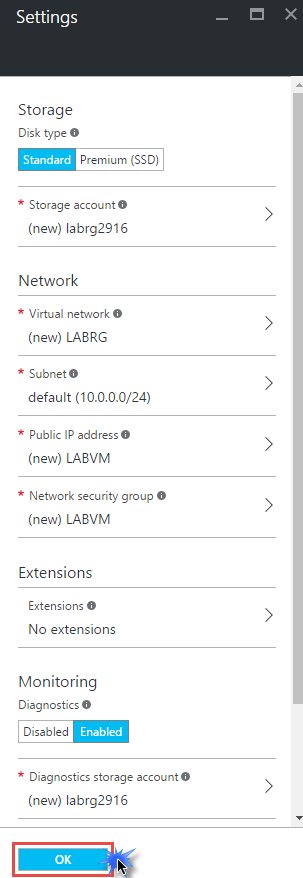
1. Click **OK** to move to the next step.
2. On the Choose a Size blade, click **View all**



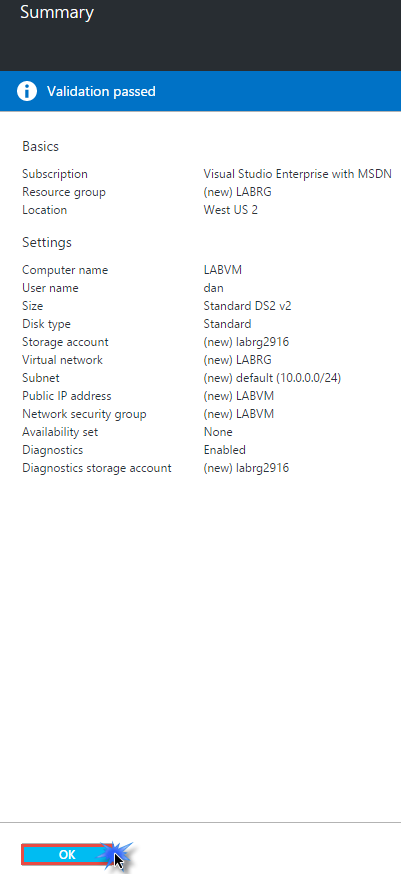
1. Choose the instance size on the Size blade. We recommend at a machine with at least 7 GB of RAM to accommodate Visual Studio, so a **DS2 V2** standard is a good baseline option.



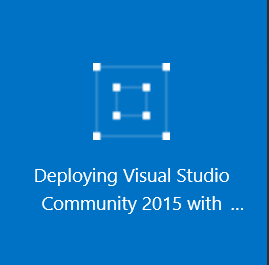
1. Accept the default values on the Settings blade by clicking **OK**.



1. Click **OK** on the Summary blade to provision the virtual machine



1. It may take 10+ minutes for the virtual machine to complete provisioning.



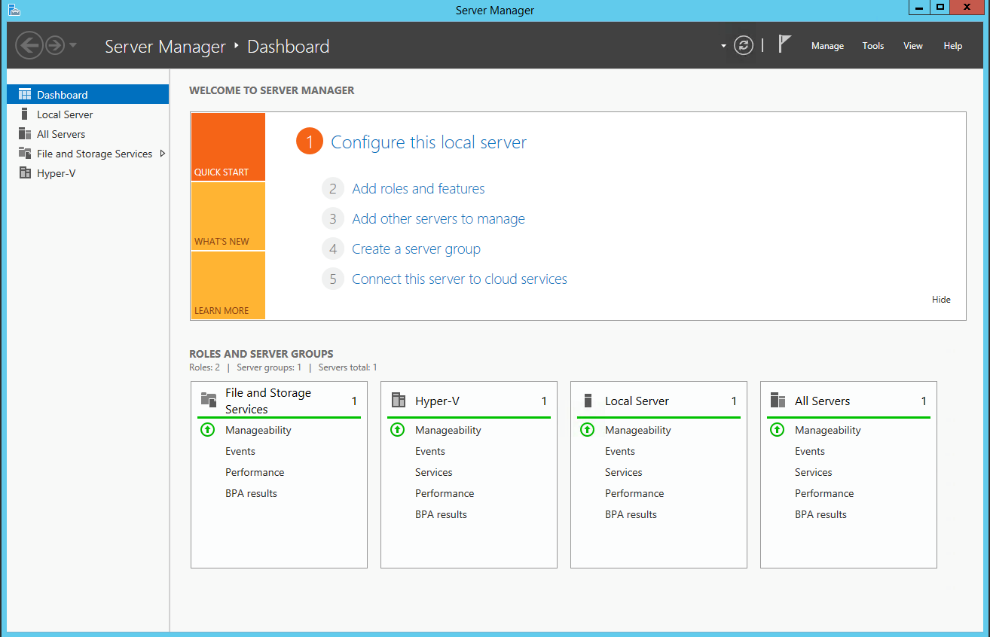
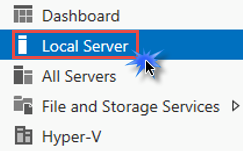
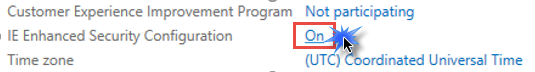
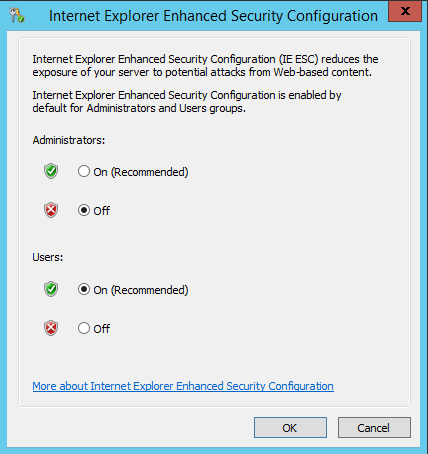
1. After the virtual machine is created, click the Connect button on the toolbar.



1. Depending on your remote desktop protocol client and browser configuration you will either be prompted to open an RDP file or you will need to download it and then open it separately to connect.
2. Login with the credentials specified during creation:
   1. User: demouser
   2. Password: demo@pass12345

## Task 3: Install the required Azure components.

In this task, you will install the Azure SDK, the Azure PowerShell cmdlets, the Azure Cross Platform Command Line Interface (azurecli) and the Chrome browser.

1. After you connect to the VM, the Server Manager application should launch automatically.   
   
2. Click on the Local Server tab on the left hand navigation bar.  
   
3. In the Properties pane, click the On link next to IE Enhanced Security Configuration.  
   
4. Change Administrators to the **Off** setting and click **OK**.  
   
5. Download and install the **Chrome** browser from: <https://www.google.com/chrome/browser/index.html>
6. **Restart the lab machine when the installations are complete.**
7. Validate Connectivity to Azure portal – <https://portal.azure.com> with your Microsoft Account to use for the lab.
8. Validate Connectivity to Azure from withing Visual Studio 2015
   1. Launch Visual Studio 2015 and validate that you can login with your Microsoft Account when prompted.
   2. Validate connectivity to your Azure subscription. Launch Visual Studio, open Server Explorer from the View menu, and ensure that you can connect to your Azure subscription.

