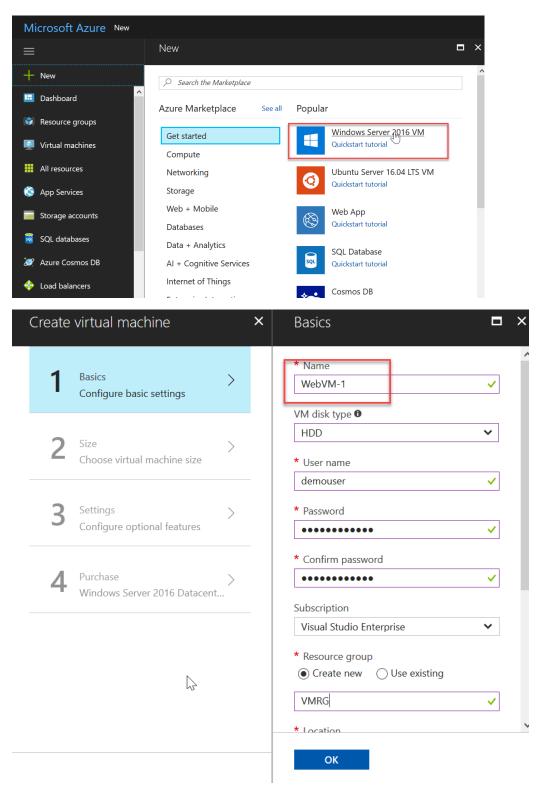
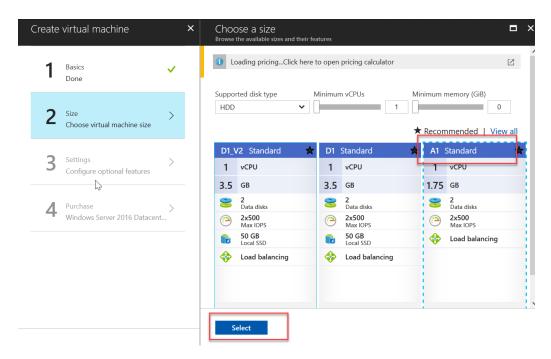
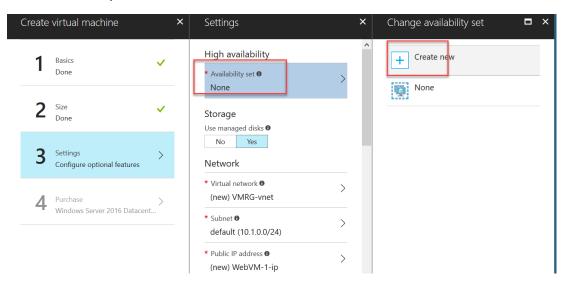
External (Public Facing) Load Balancer

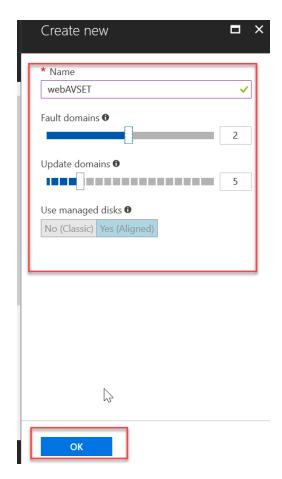
Step – To Setup Public Facing Load Balancer we need to create 2 Virtual Machines, WebVM-1 and WebVM-2 and we need to install IIS Web Server in that both machines, First Login to Azure Portal and Create Windows 2016 Server OS Vms.



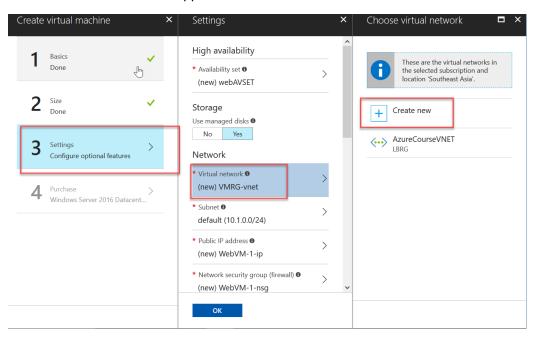


Create Availability Set





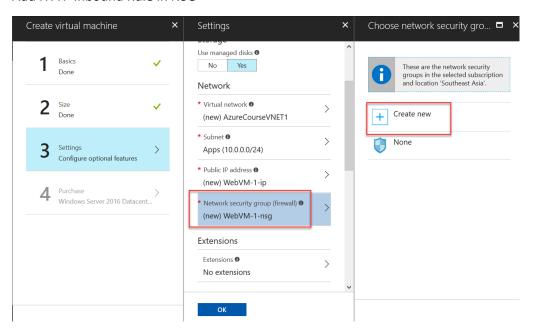
Create Virtual Network and App Subnet

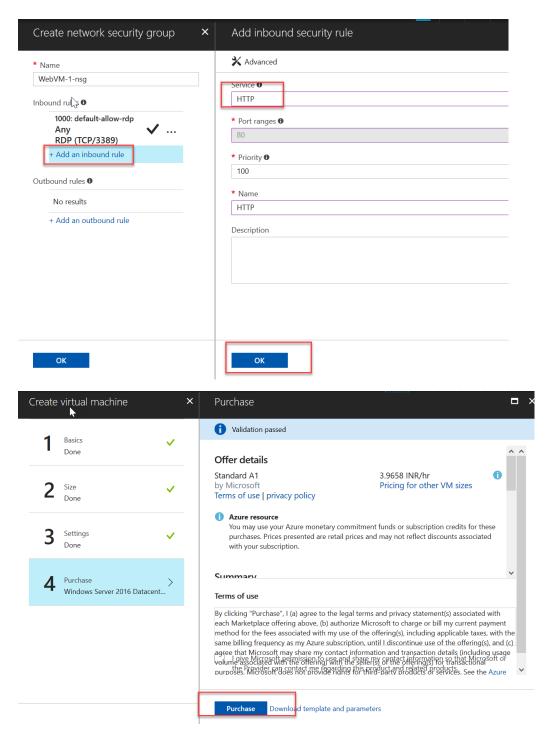


Create VNET and App Subnet



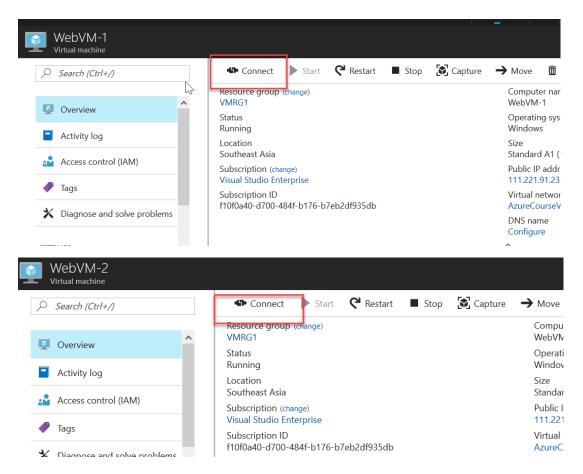
Add HTTP Inbound Rule in NSG





Like same as WebVM - 1, Start Creating WebVM-2 Windows Server 2016 OS and WebVM-2 should be in same Availability Set and Same VNET and Same App Subnet. Also in NSG add inbound rule HTTP.

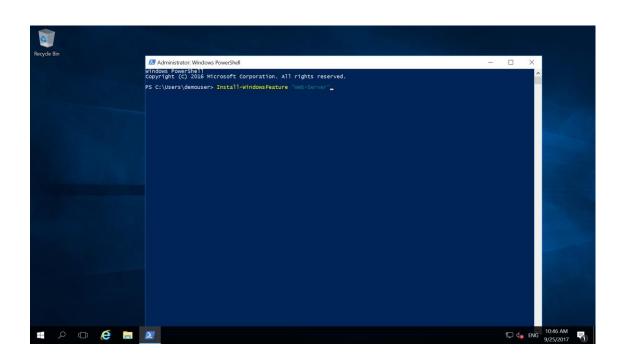
Now Download RDP files of both WebVM-1 and WebVM-2 and Remotely access both the VMs and Open PowerShell and Install Web Server (IIS).

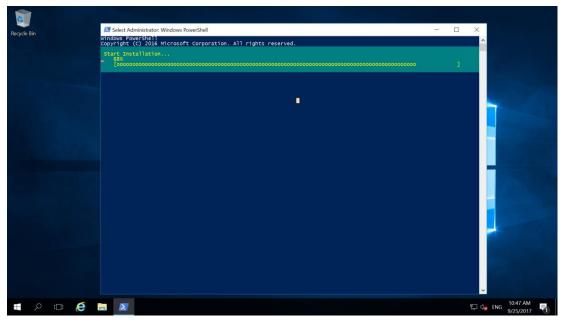


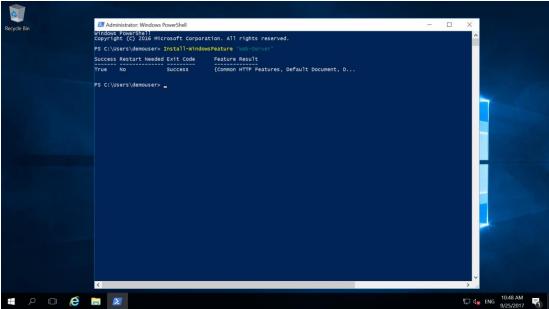
Open PowerShell and Type Following Command:

Install-WindowsFeature "Web-Server"

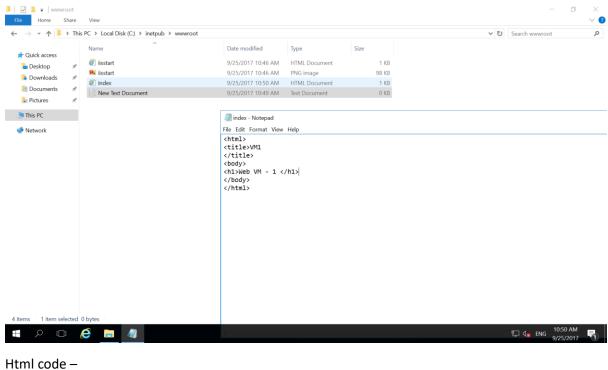
In Both the VMs







Create Simple index.html page inside VM, C Drive -> inetpub -> wwwroot folder



<html>

<title>VM1

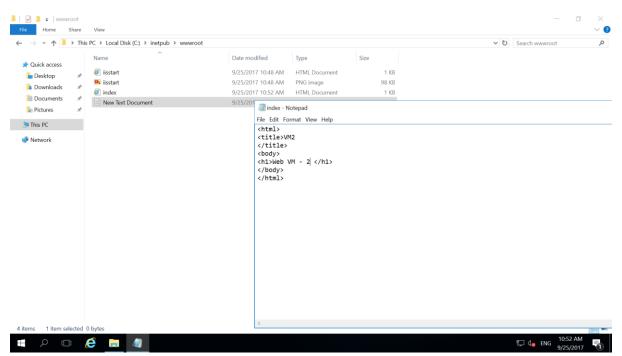
</title>

<body>

<h1>Web VM - 1 </h1>

</body>

</html>



<html>

<title>VM2

</title>

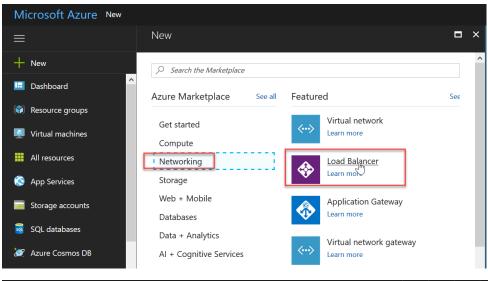
<body>

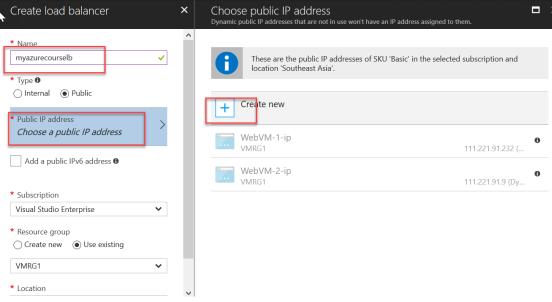
<h1>Web VM - 2 </h1>

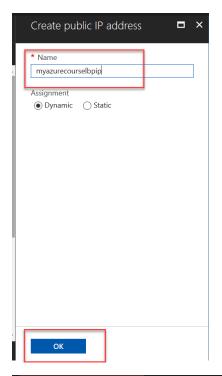
</body>

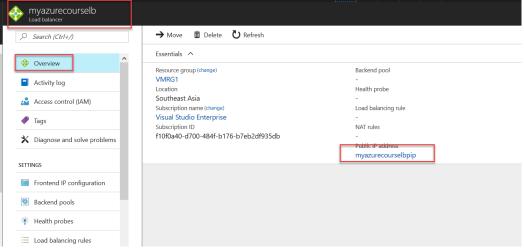
</html>

Create Load Balancer

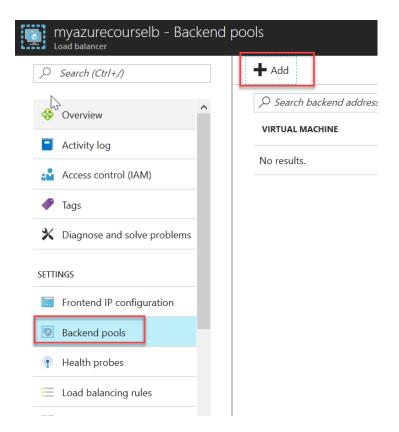




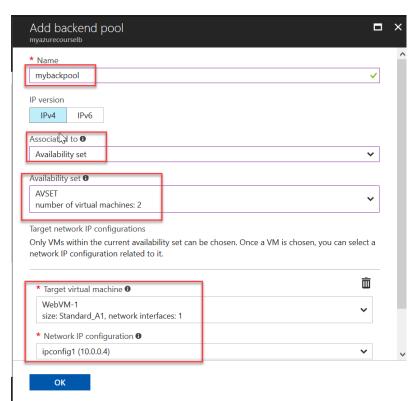




Add Backend Pool (Both VMs)



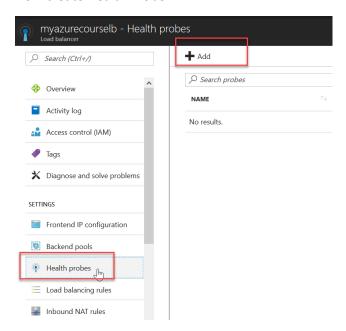
Add Both the VMs in Backend Pool



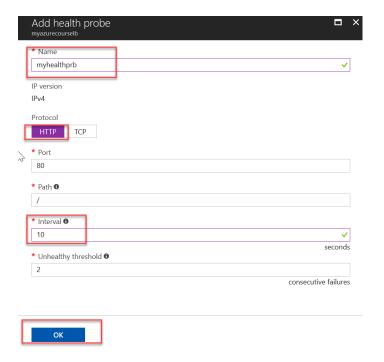
Add Second WebVM-2 by Clicking on Add a target network IP configuration



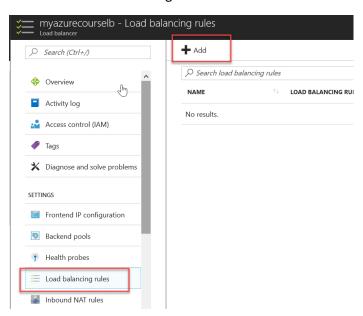
Now create Health Probe

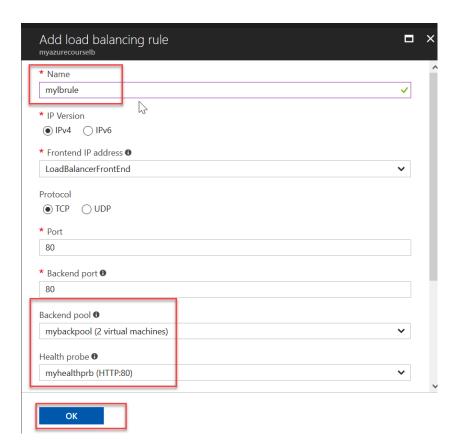


Add Health Probe

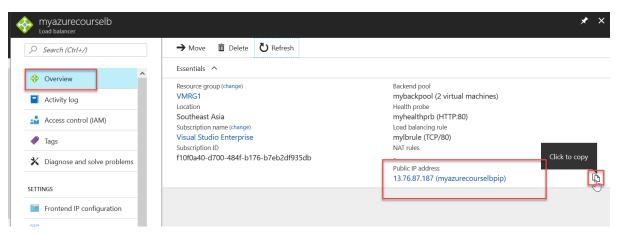


Now Create Load Balancing Rules -> Add





Copy Public IP of Load Balancer and paste in deferent browsers to check LB is working or not?



Check LB is working



Web VM - 1

