## Module 2: Azure Virtual Machines and Networking

Demo - 1

# edurekal

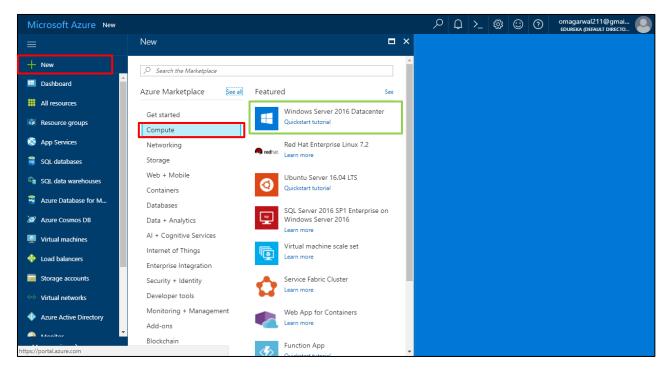
### edureka!

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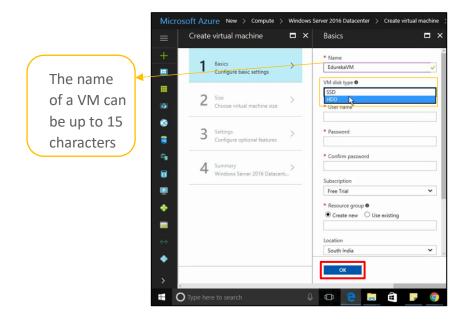
#### Demo 1 - Creating A Windows Virtual Machine And Connect To It

#### Creating a Windows Virtual Machine

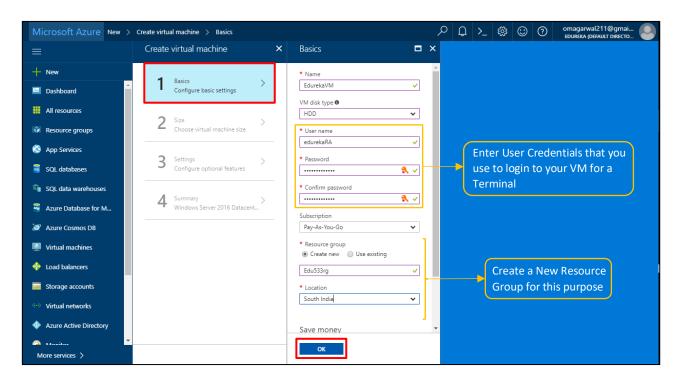
Step 1: In the Portal, Goto: **+New** > Compute > Select a Windows Server of your choice:



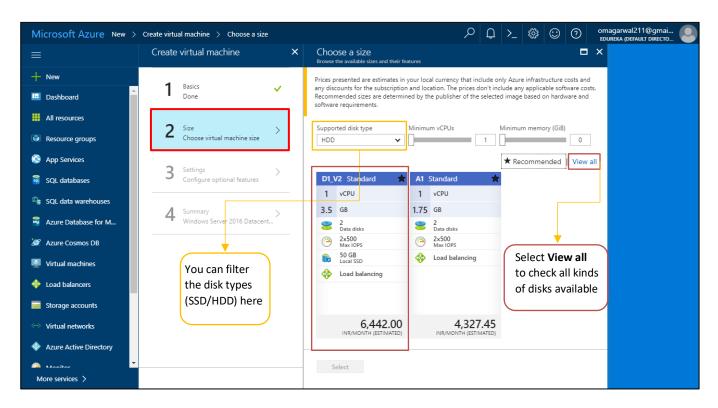
Step 2: In the VM Creation Basic blade, Enter the VM name and select the desired disk type as shown below:



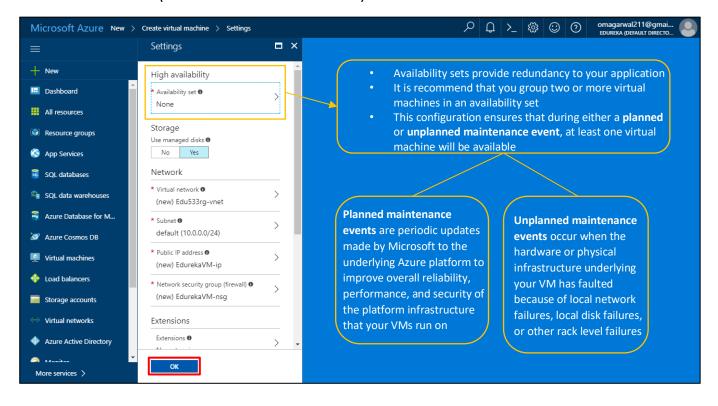
Step 3: After selecting the Disk type, Enter the Credentials for VM server login and other select the desired options:



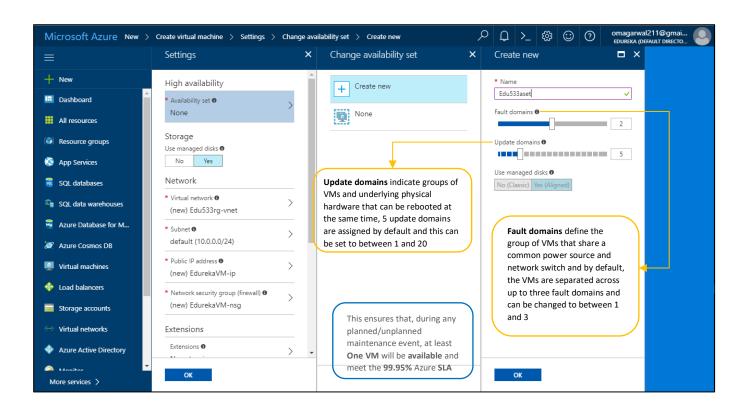
Step 4: In the VM Size blade, select the desired VM size from the list of different Tier listed below



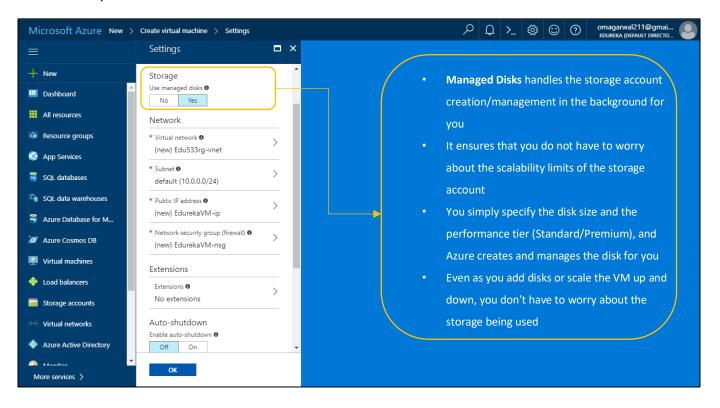
Step 5: In the VM settings blade, you can select an existing Availability set or create one (discussed in Mod-4 in detail):



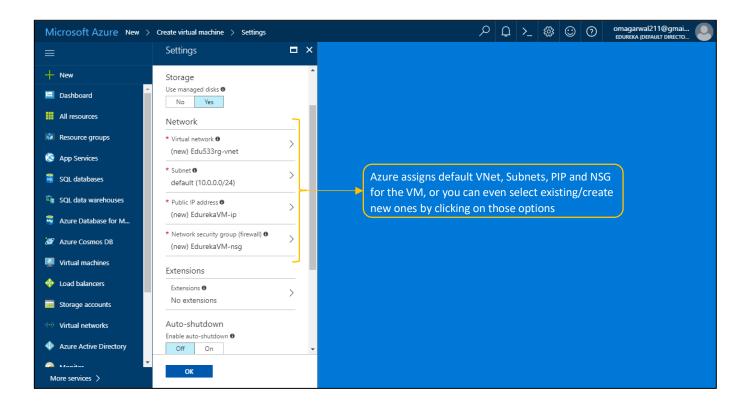
Step 6: To create an Availability Set, click on Availability set > Create new > Fill in the details and click **OK**:



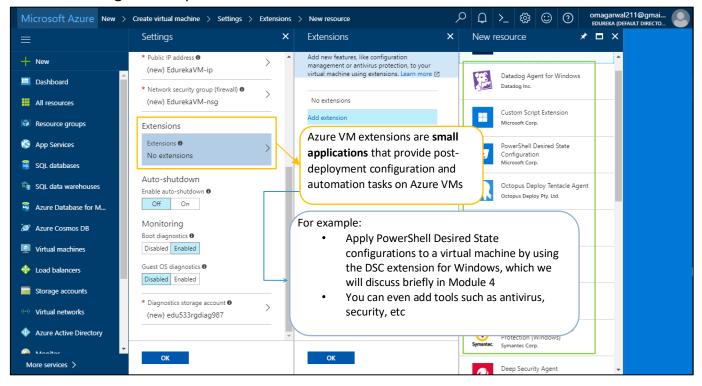
Step 7: In the Settings blade, select the options for Managed disks as per your requirements:



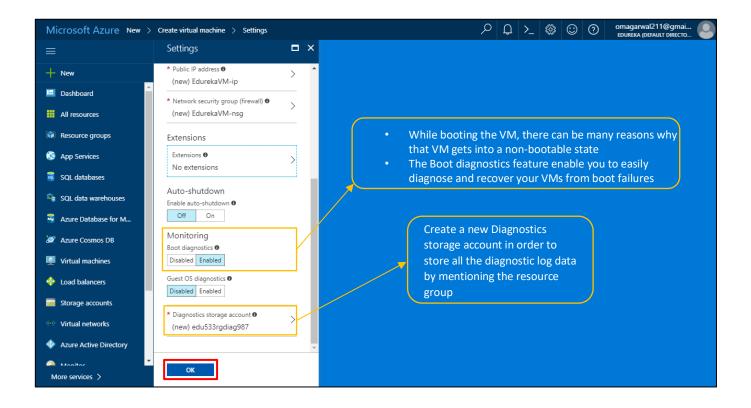
Step 8: In the Settings blade, you can either select any existing VNets/Subnets/PIP/NSG or Create new ones here:



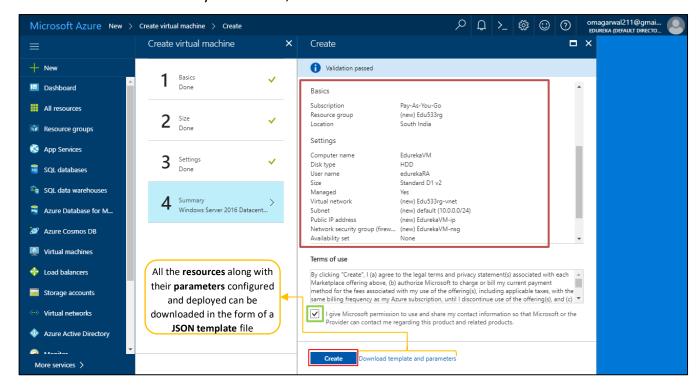
Step 9: In the VM setting blade, you can add any type of available **Extensions** by clicking on the option:



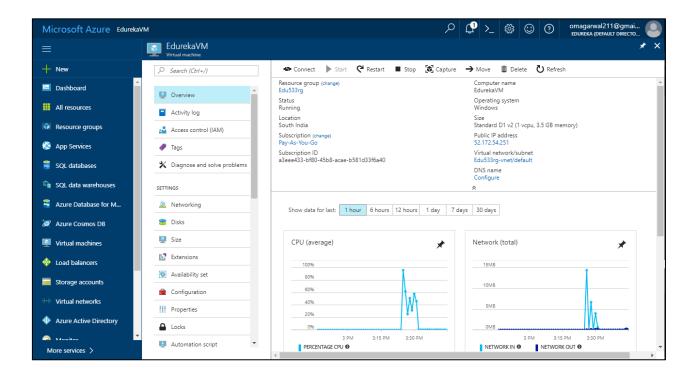
Step 10: At the end of the VM creation, let us configure the monitoring of the resources and click **OK**:



Step 11: You will directed to the **Summary** page after successful validation and below is the summary of our VM, click **Create**:

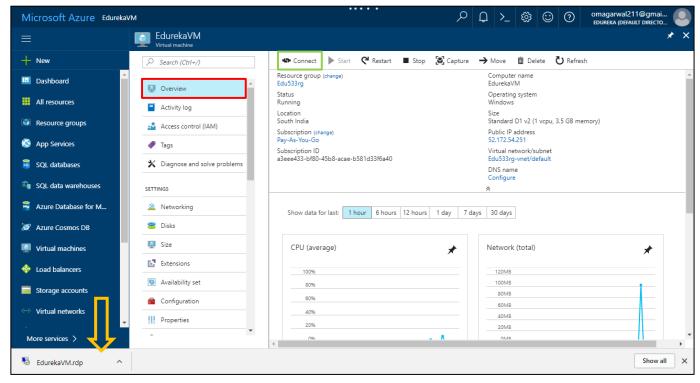


Step 12: Once the new VM is deployed and running, you will be redirected to the Overview window as shown below:

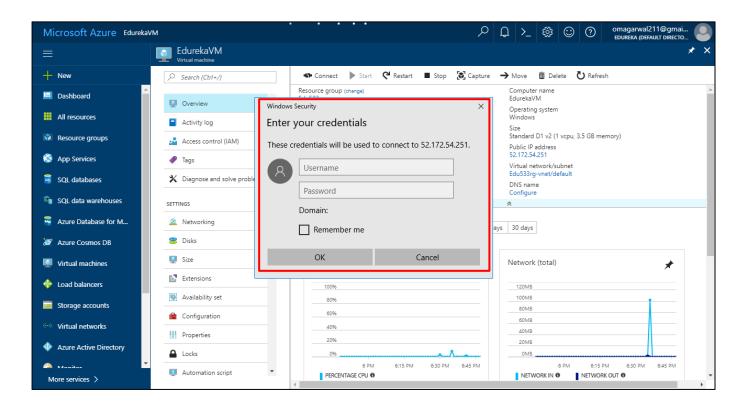


#### Connecting to a Windows VM

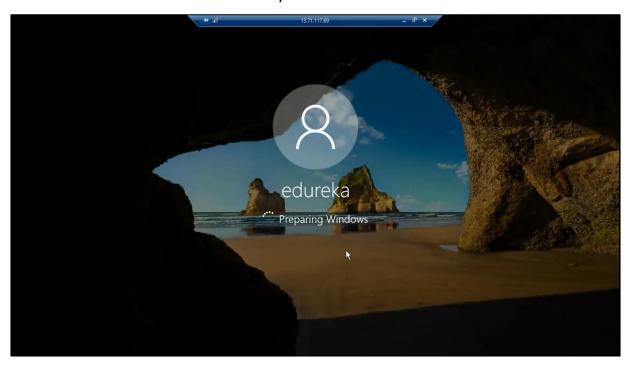
Step 1: In the VM **Overview** window, Click on the **Connect** option on the top to download the **RDP file**:



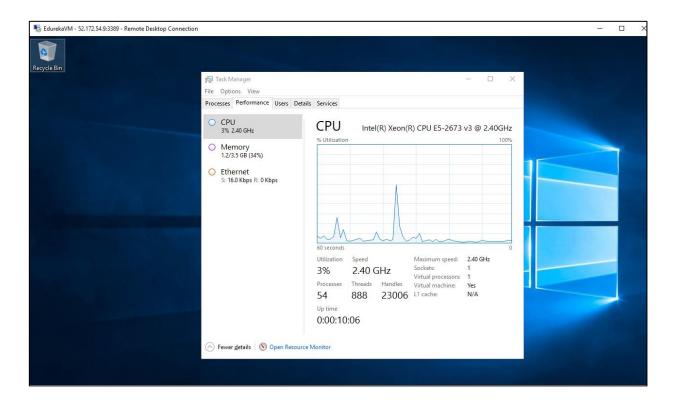
Step 2: Once downloaded, **Open** the **RDP file** > Allow Connection > Enter the login **Credentials**:



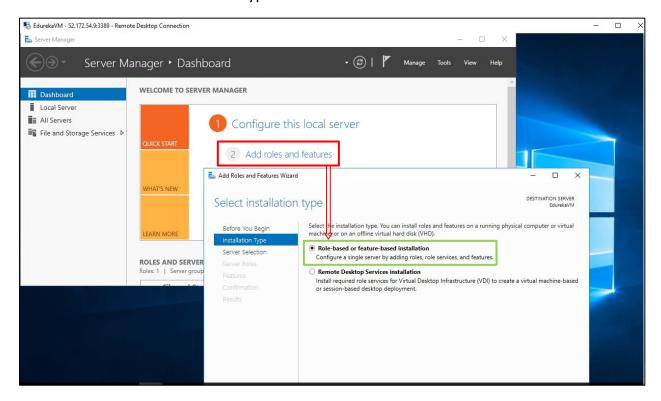
Step 3: Once you login with the Credentials, the Remote Desktop Connection to the Virtual Machine is successfully established:



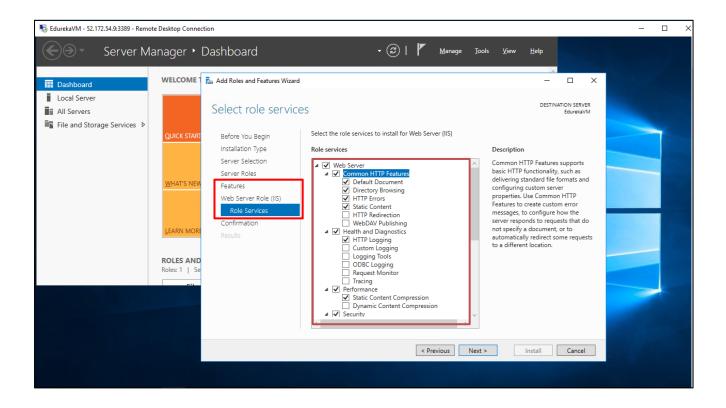
Step 4: In the New VM, Goto: Start Menu > Find Task Manager > Performance > Check Utilization and Throughput:



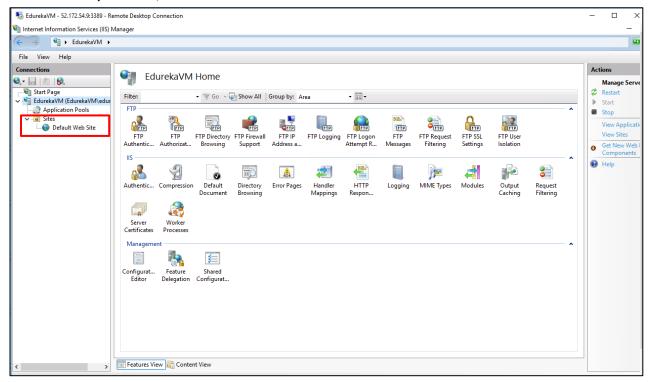
Step 5: Open the **Task Manager** from the Start Menu > Select **Add Roles** > Click Next > Select the desired Type:



Step 6: After selecting installation type, Select the desired Server (IIS Web) > Select the Role Services > Next > Install:



Step 7: Once the Installation is complete, Goto Start Menu > Open **IIS Manager** > Under your VM, Check the website:



Step 8: Open a browser > Enter "localhost" in the URL address to connect to IIS website internally:



Step 9: To connect to the IIS from any other devices, Enter the **Public IP Address** of the VM in the Browser:

