**Create Visual Studio Lab Environment**

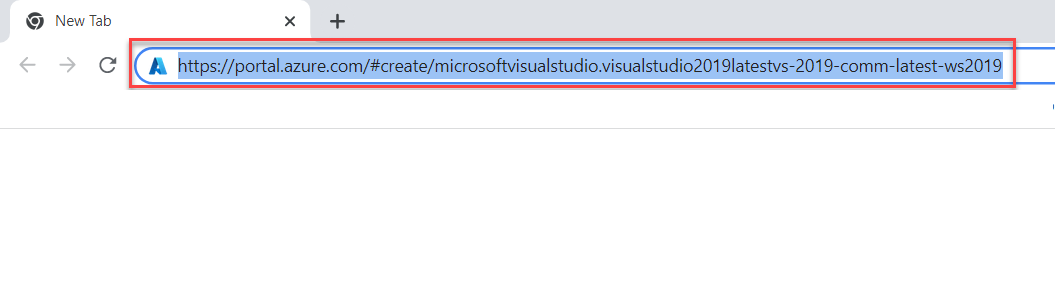
**Step 1:** Open Microsoft Azure Portal

[https://portal.azure.com](https://portal.azure.com/)

**Step 2:** Click on **Visual Studio 2019 Virtual Machine**

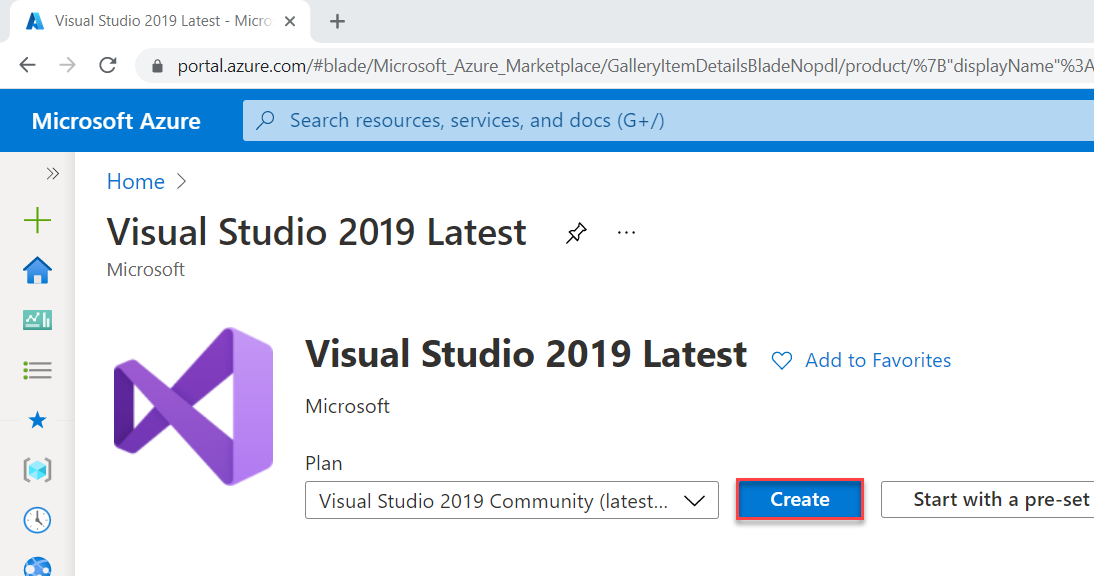
Open below link browser

<https://portal.azure.com/#create/microsoftvisualstudio.visualstudio2019latestvs-2019-comm-latest-ws2019>



Go with default **Visual Studio 2019 Community (latest release) on Windows Server 2019 (x64)**

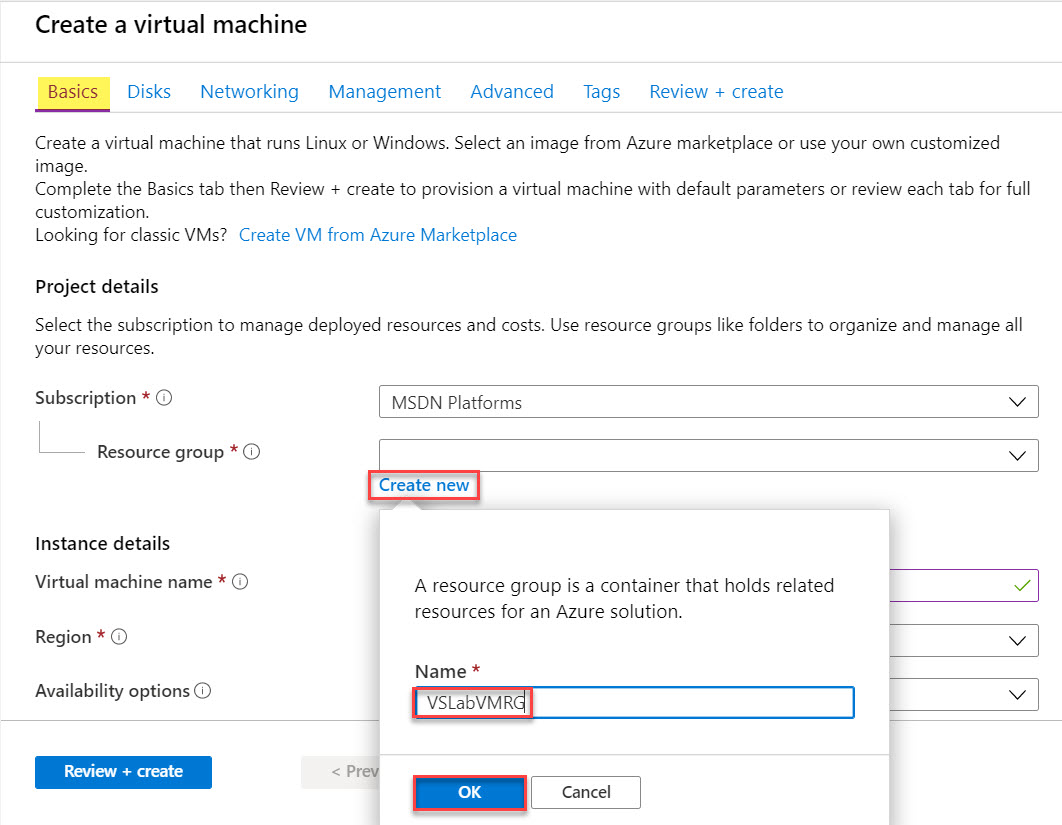
Click on **Create** button



**Step 3:** Create Virtual Machine

Subscription: **Choose active Subscription**

Resource Group: **Create New** Ex. **VSLabVMRG**



Virtual Machine Name: **demovsvm**

Region: **Choose any nearest region Ex. East US**

Image: **Visual Studio 2019 Community (latest release) on Windows Server 2019 (x64)**

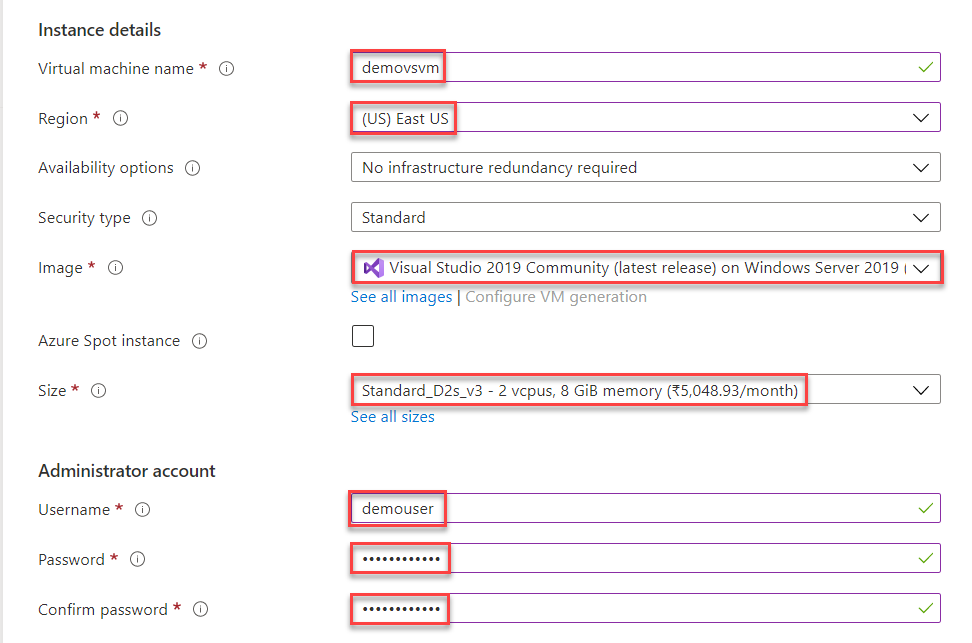
Size: **Standard D2s v3** or **2 Core VM**

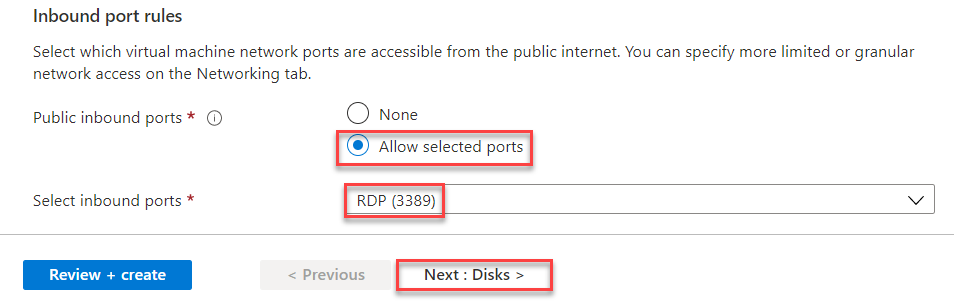
Username: **demouser**

Password: **demo@pass123**

Public inbound ports: **Allow Selected ports**.

Select inbound ports: **RDP (3389)**



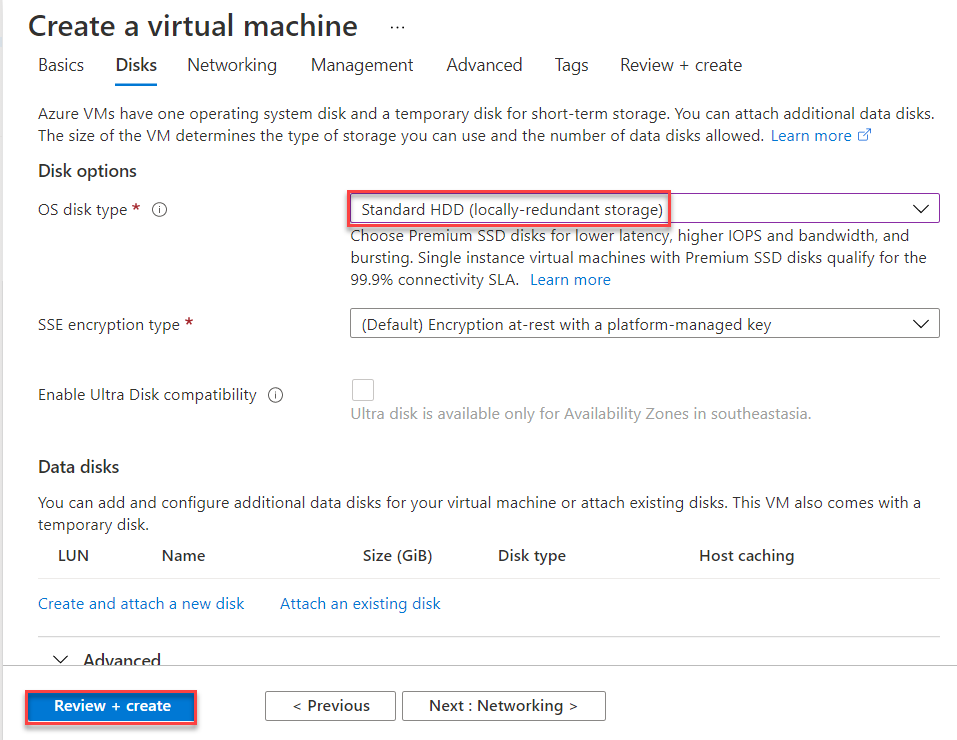


Click on **Next: Disks >**

**Step 4:** Disk tab

OS disk type: **Standard HDD**

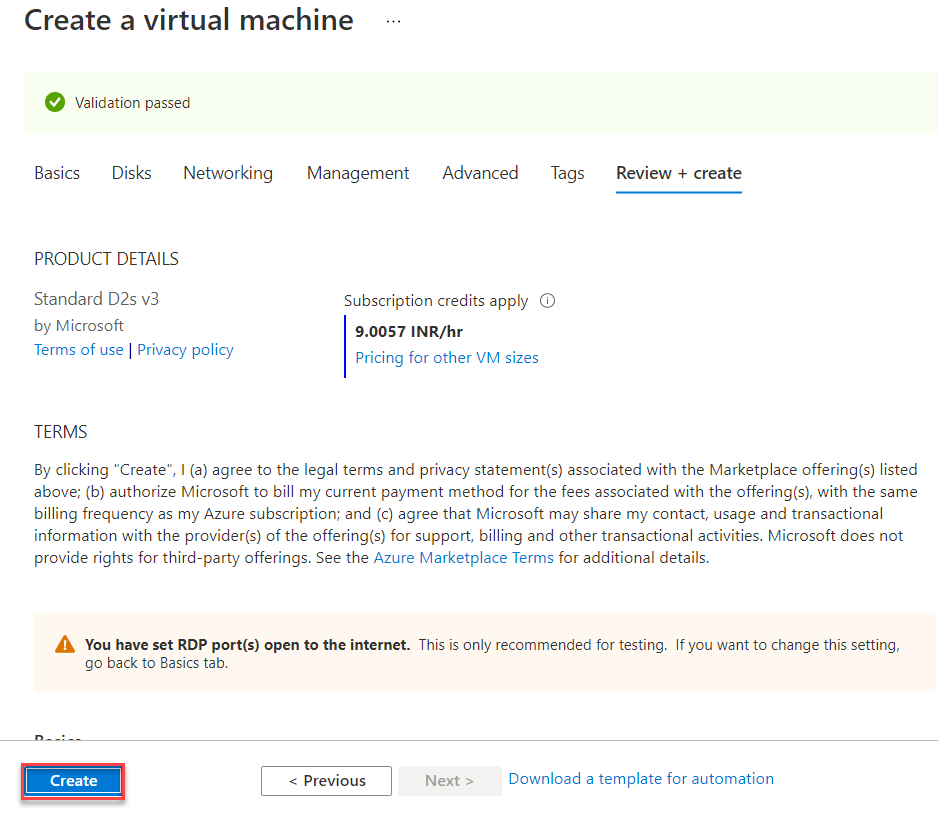
Click on **Next: Review + Create**



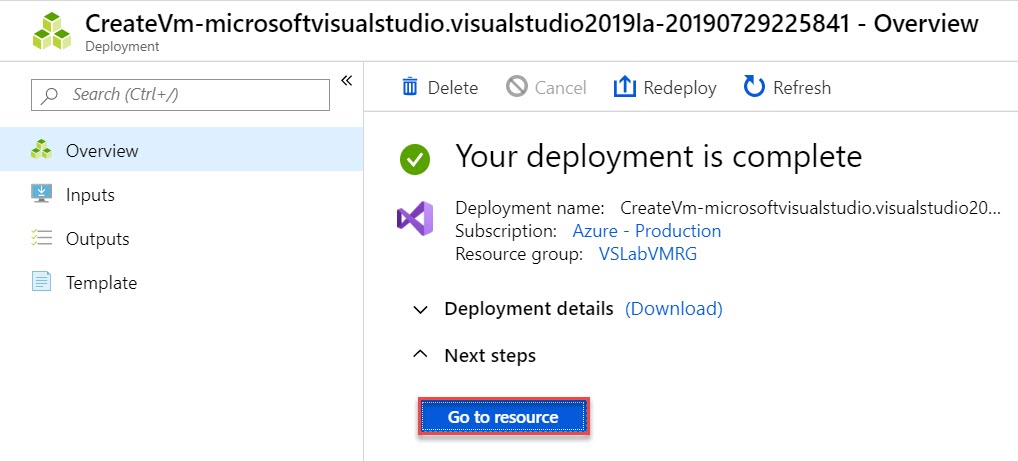
**Step 5:** Review + create tab

Click on **Create** button.

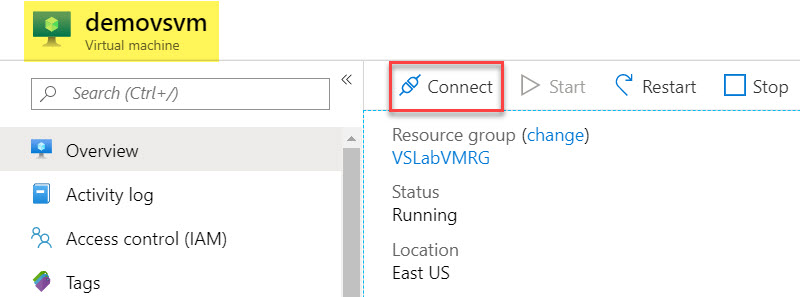
**Note: Cost might be different due to different subscription and different region.**



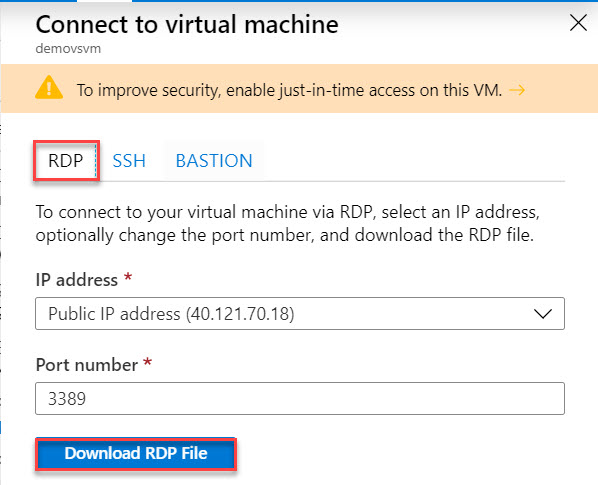
Wait for minutes to deploy Visual Studio Virtual Machine on Microsoft Azure. Click on **Go to resource**.



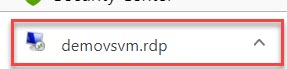
**Step 6:** Virtual Machine Blade will open. Click on **Connect** option.



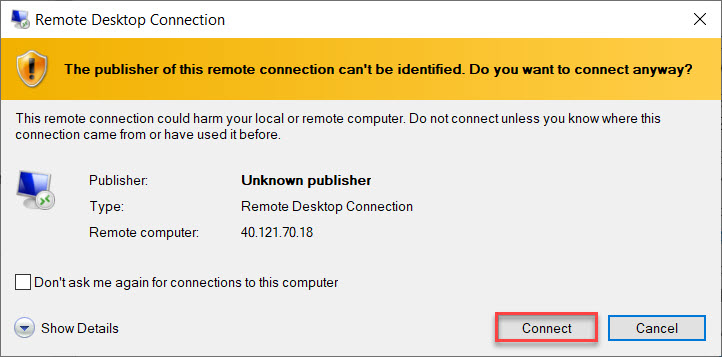
**Step 7:** Click on **Download RDP File** button.



Click on **demovsvm.rdp** file or run file.



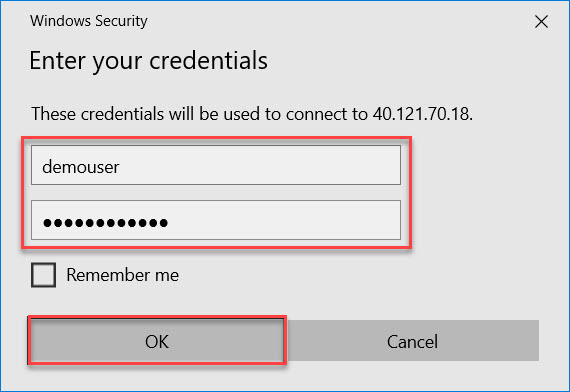
**Step 8:** Click on **Connect** button.



Enter Virtual Machine Credentials:

Username: **demouser**

Password: **demo@pass123**



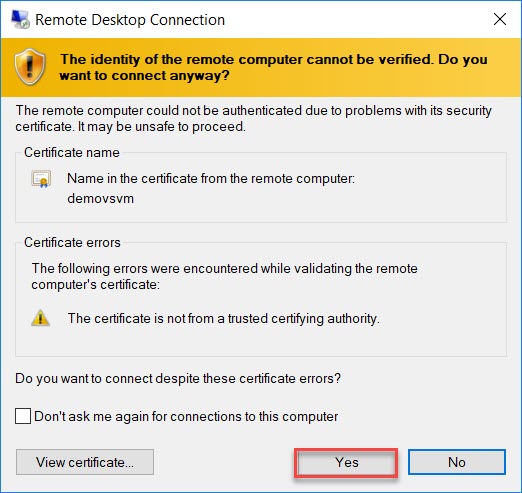
**Note: if you are using organization device so follow below steps:**

Select **another user** option

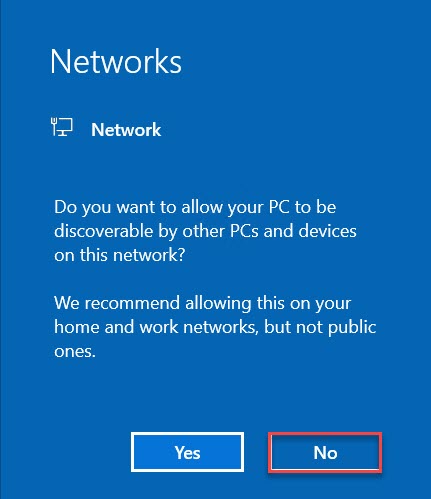
Username: .\demouser

Password: demo@pass123

Click on **Yes**.



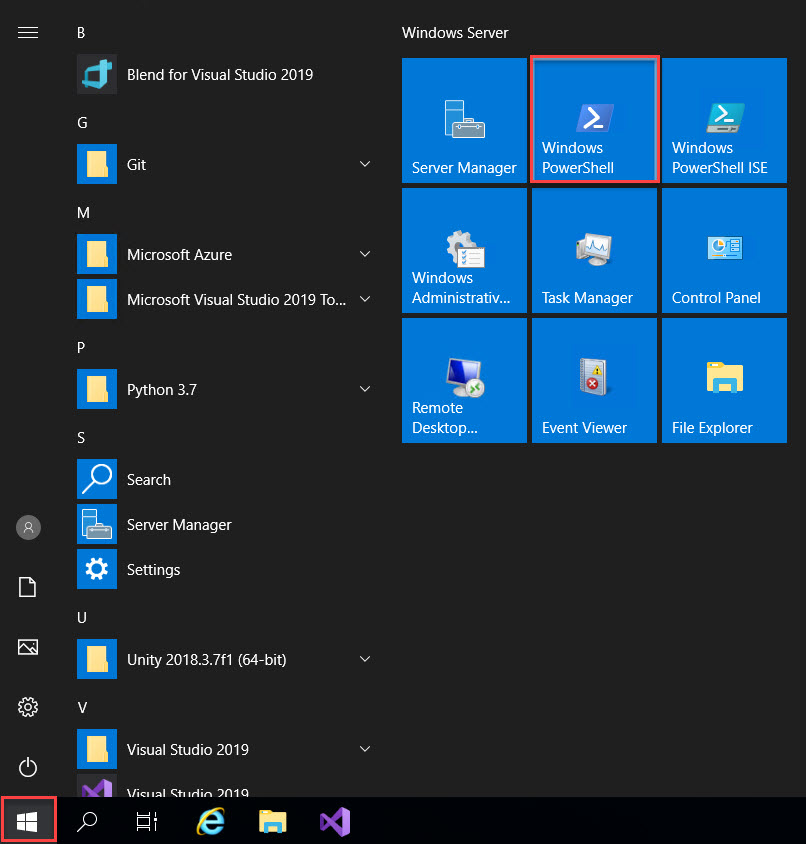
Windows Server 2019 will load. Wait for few minutes to load OS. Click on **No** option in Networks



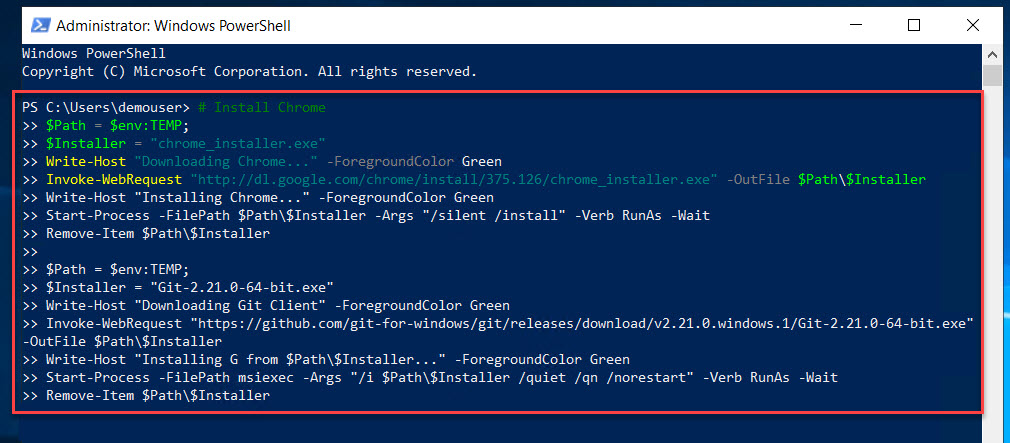
**Also, close Server Manager.**

**Step 9:** Run Windows PowerShell

**Start button -> Click on Windows PowerShell**



Run Below Command to Install **Chrome Browser & Github**



# Install Chrome

$Path = $env:TEMP;

$Installer = "chrome\_installer.exe"

Write-Host "Downloading Chrome..." -ForegroundColor Green

Invoke-WebRequest "http://dl.google.com/chrome/install/375.126/chrome\_installer.exe" -OutFile $Path\$Installer

Write-Host "Installing Chrome..." -ForegroundColor Green

Start-Process -FilePath $Path\$Installer -Args "/silent /install" -Verb RunAs -Wait

Remove-Item $Path\$Installer

$Path = $env:TEMP;

$Installer = "Git-2.31.0-64-bit.exe"

Write-Host "Downloading Git Client" -ForegroundColor Green

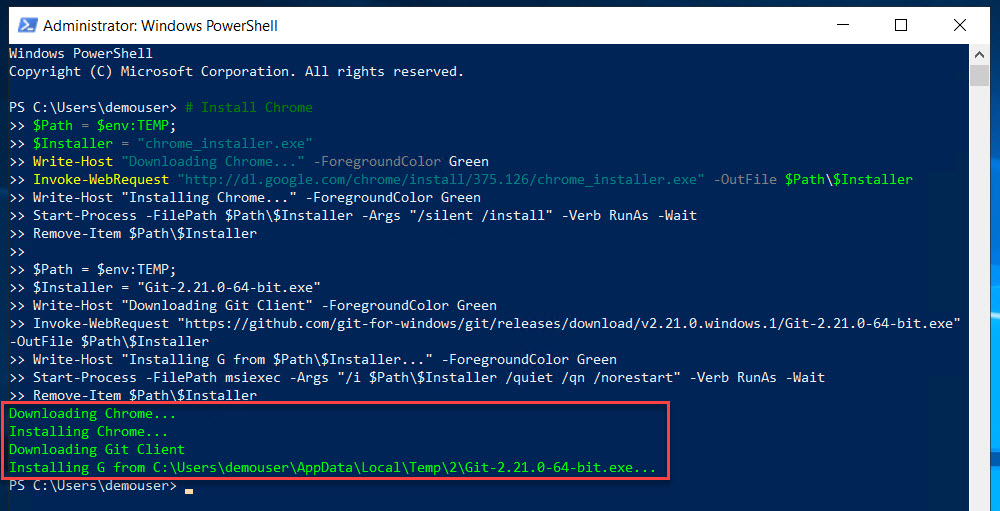
Invoke-WebRequest "https://github.com/git-for-windows/git/releases/download/v2.31.0.windows.1/Git-2.31.0-64-bit.exe" -OutFile $Path\$Installer

Write-Host "Installing G from $Path\$Installer..." -ForegroundColor Green

Start-Process -FilePath msiexec -Args "/i $Path\$Installer /quiet /qn /norestart" -Verb RunAs -Wait

Remove-Item $Path\$Installer

Wait for few seconds to install **Chrome Browser** & **Github**



Click on Start button or Windows Key to verify Chrome & Git successfully installed.

