**Need to install for use Node JS in VS**

**Step 1:**

Download & install the Node.js source code or a pre-built installer for **Windows platform**

<https://nodejs.org/en/download/>

After install -> open cmd (Run as Administrator) -> Run (for check version of Node and npm)

**Step 2:**

Download & install Node.js Tool

<https://www.visualstudio.com/es/vs/node-js/>

**Node.js Tools 1.1 for Visual Studio 2015**

<https://marketplace.visualstudio.com/items?itemName=NodejsToolsforVisualStudio.NodejsTools11forVisualStudio2015>

**Node.js Tools 1.1 for Visual Studio 2013**

<https://marketplace.visualstudio.com/items?itemName=NodejsToolsforVisualStudio.NodejsTools11forVisualStudio2013>

**Mainly Required Node Command**

------------------------------------Install express pkg--------------------------

E:\Richa\NodeJS> npm install express -g

---------------------Check npm & node version -----------------

E:\Richa\NodeJS>npm –v

E:\Richa\NodeJS>node –v

**Source code:**

<https://myproject7677.visualstudio.com/defaultcollection/Node/NodeTeam>

**Node on IIS for hosting & deploy**

Open cmd & check version of node & npm Run command

node –v & npm -v

Demo video:

<https://www.youtube.com/watch?v=JUYCDnqR8p0>

**Step: 1**

iisnode install

<https://github.com/tjanczuk/iisnode/wiki/iisnode-releases>

Download -> iisnodeforiis7/8 (x64)

**Step: 2**

url rewrite

<https://www.iis.net/downloads/microsoft/url-rewrite>

Install this extension

**Step: 3**

Install above two setup in your system.

You can also see install iisnode -> C:\Program Files\iisnode

C:\Websites\ProjectISS deploy project here path only.

**Step: 4**

Open cmd and Run this line

c:\Program Files\iisnode>setupsamples.bat -> enter -> continue ->close

**Step: 5**

Open iss(inetmgr) -> see default web site -> node website ->

Open in browser (http://localhost/node/)

Project site: <https://github.com/tjanczuk/iisnode>

**Step: 6**

Hosting path for angular app and node app

C:\Websites\ProjectISS\Angular  
C:\Websites\ProjectISS\Node

**Server web.config**

<configuration>

<system.webServer>

<!-- indicates that the server.js file is node.js

application to be handled by the iisnode module -->

<handlers>

<add name="iisnode" path="app.js" verb="\*" modules="iisnode"/>

</handlers>

<rewrite>

<rules>

<rule name="app">

<match url="/\*" />

<action type="Rewrite" url="app.js" />

</rule>

</rules>

</rewrite>

</system.webServer>

</configuration

**Server app.js**

Added only this code for listen port:  
 app.listen(process.env.PORT);

**Server change port for angular & Node**

C:\Websites\ProjectISS\Node\public\content\scripts\common.js

var NodeAPIBaseUrl = 'http://192.168.2.62:8050/';

C:\Websites\ProjectISS\Angular\Scripts\common.js

NodeAPIBaseUrl: 'http://192.168.2.62:8000/'