To complete the deployment need to following three step:

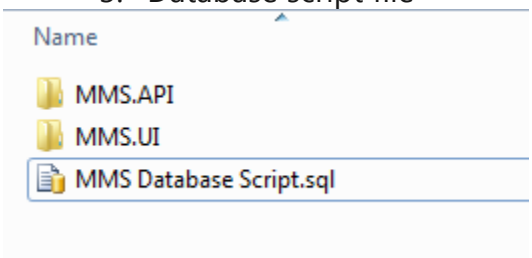
1. Database creation in MS SQL Server.
2. API (Backend) deployment in IIS.
3. UI (Frontend) deployment in IIS.

Prerequisite

4. IIS configure in windows.
5. MS SQL Server in window.
6. Hosting bundle .net core 2.1 in window.

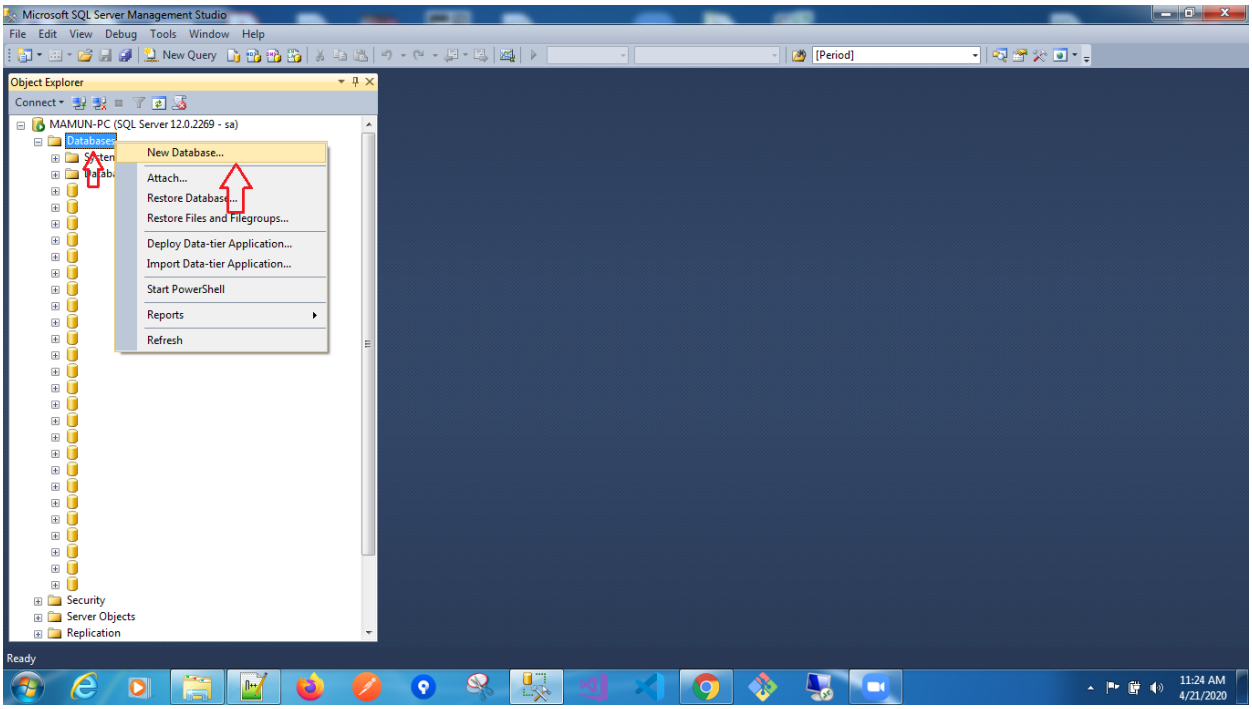
Deployment Contents

1. MMS.API
2. MMS.UI
3. Database script file

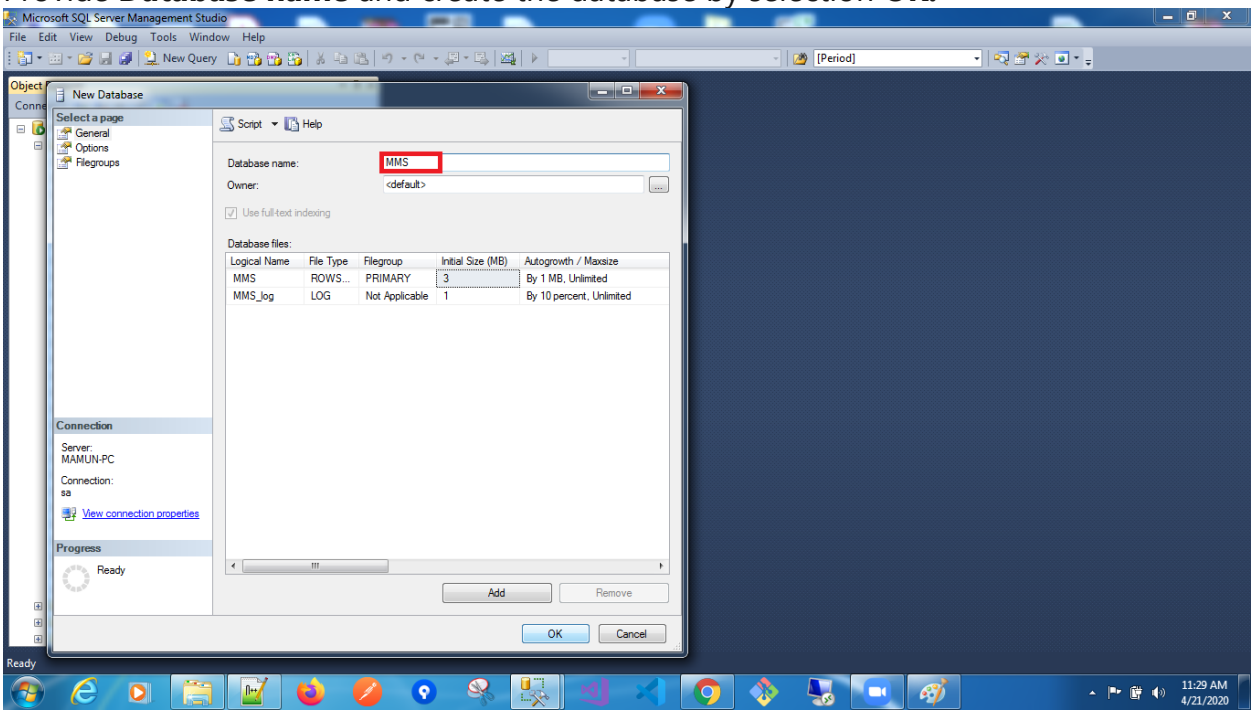


Database create in MS SQL Server

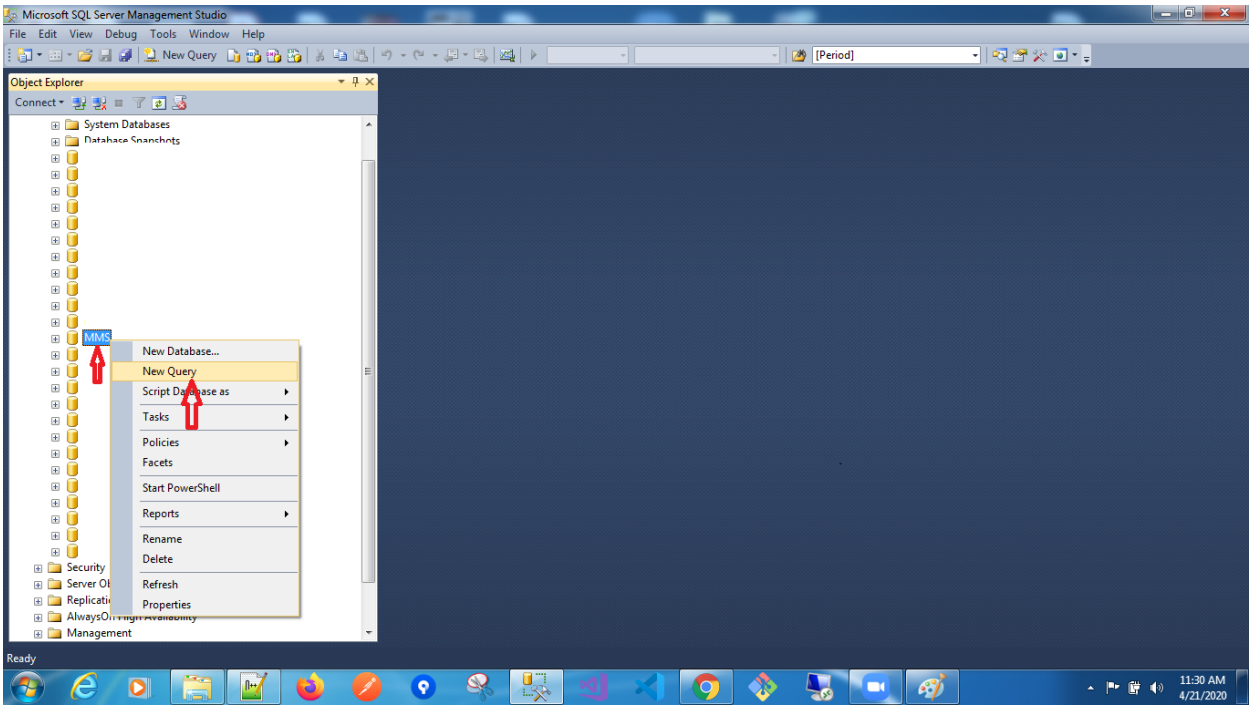
1. Open SQL Server Management Studio.
2. In Object Explore Manager right-click the **Databases** folder. Click **New Database** from the contextual menu.



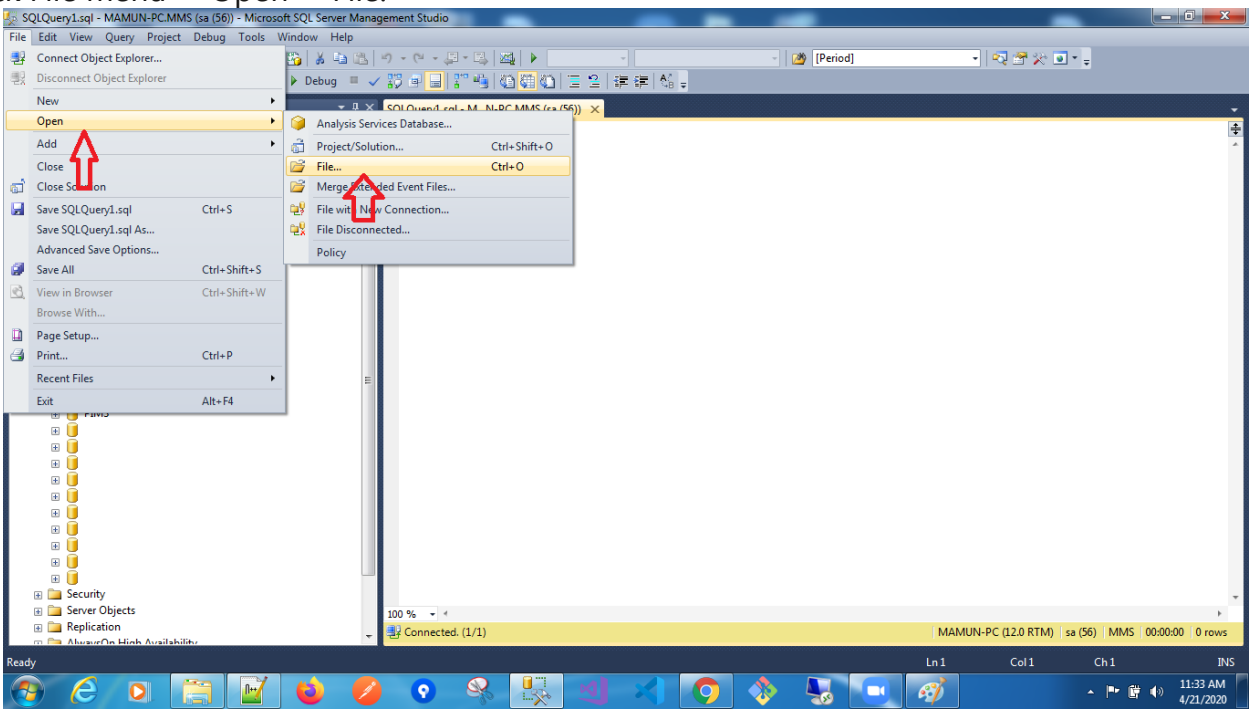
3. Provide **Database name** and create the database by selection **OK.**



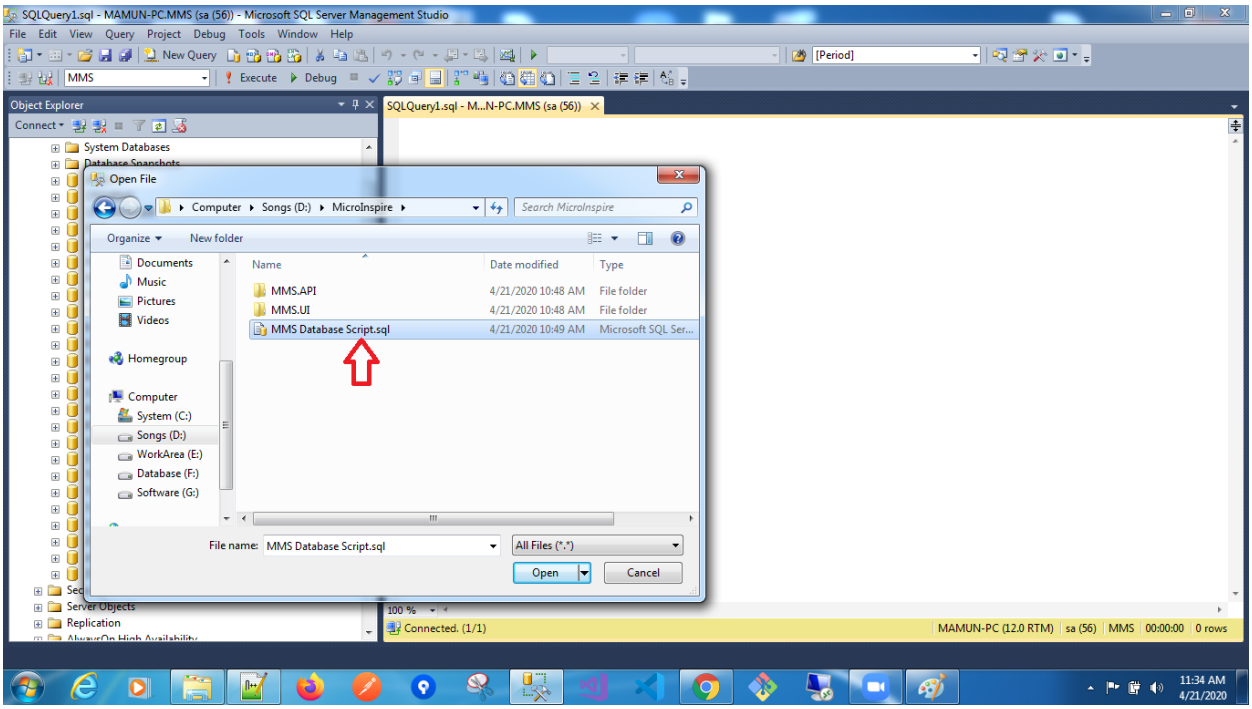
4. In Manager, open **Databases** node in the **Object Explore Manager** panel. Right-click the **Created Database**. Click **New Query** from the contextual menu.



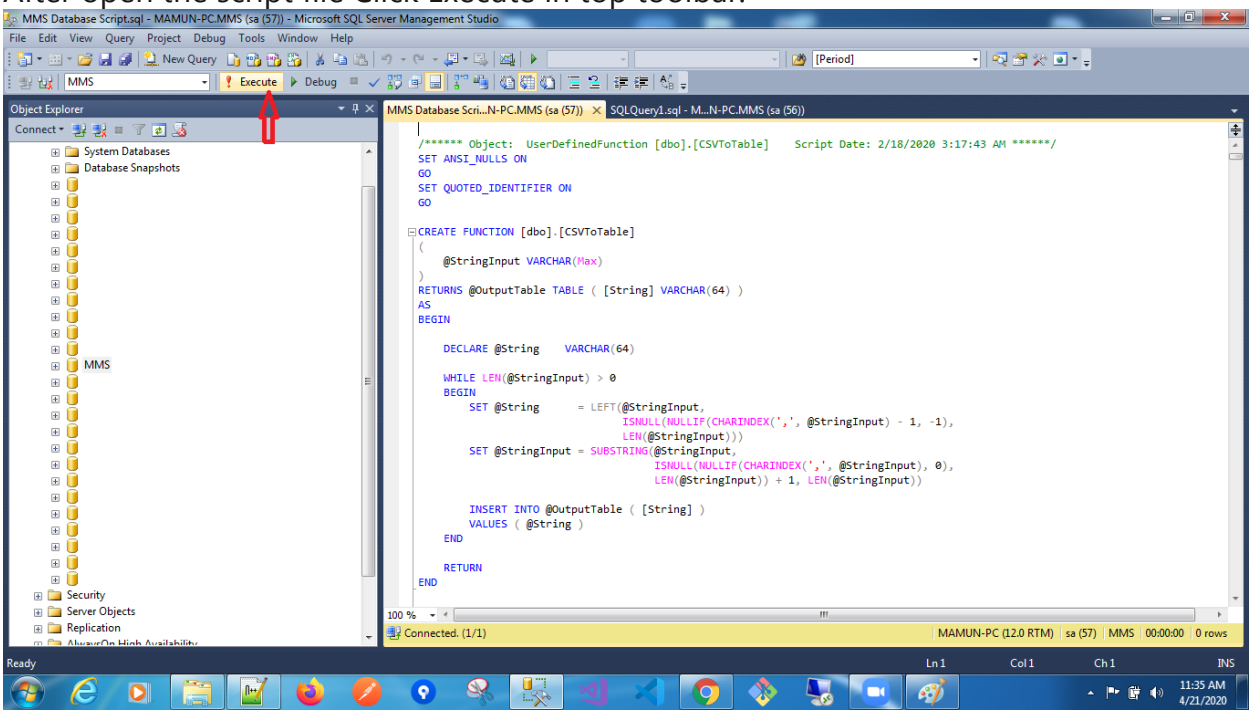
5. Click File menu=>Open=>File.



6. Select the provided database script file. Then click Open.

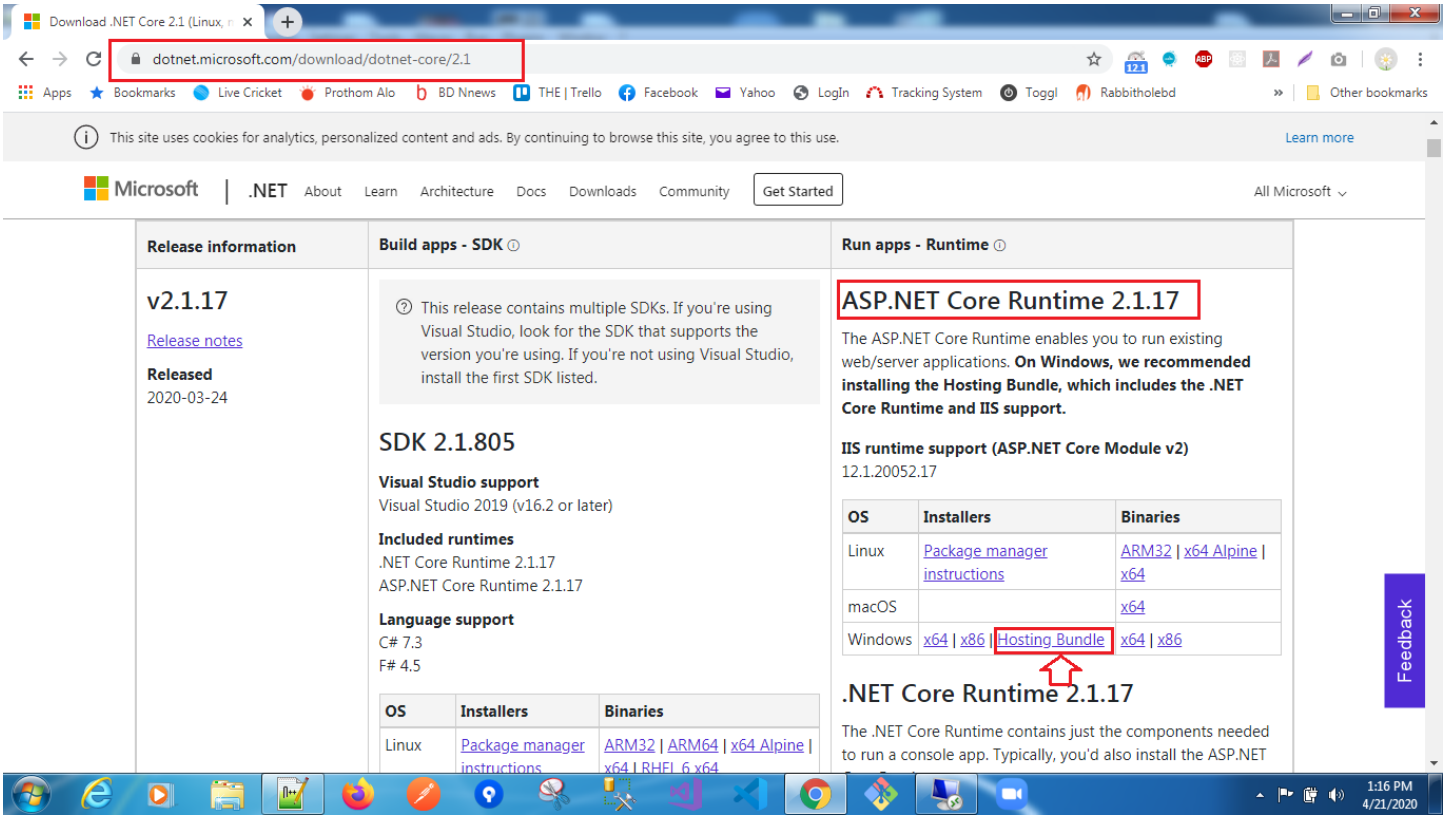


7. After open the script file Click Execute in top toolbar.

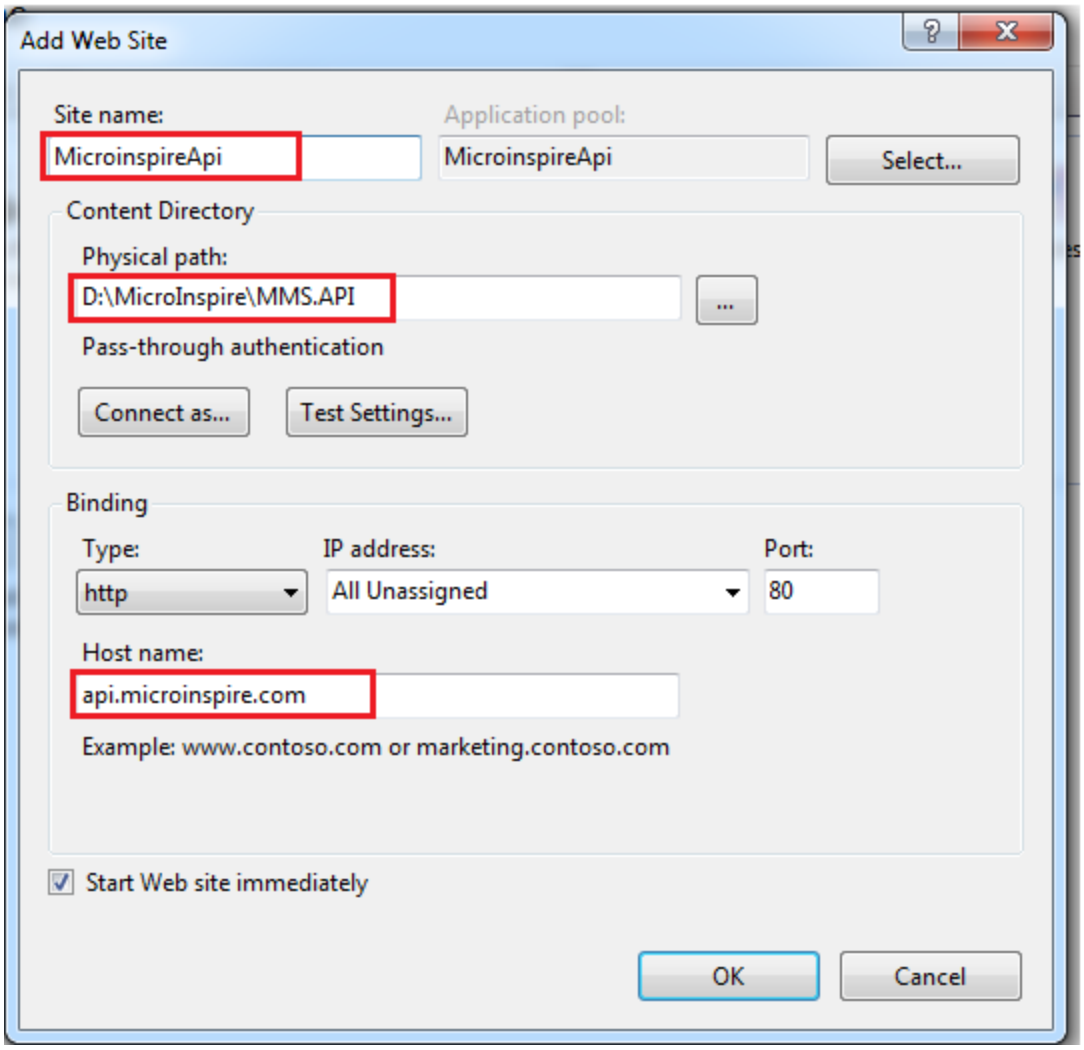


Deploy API (Backend) in IIS

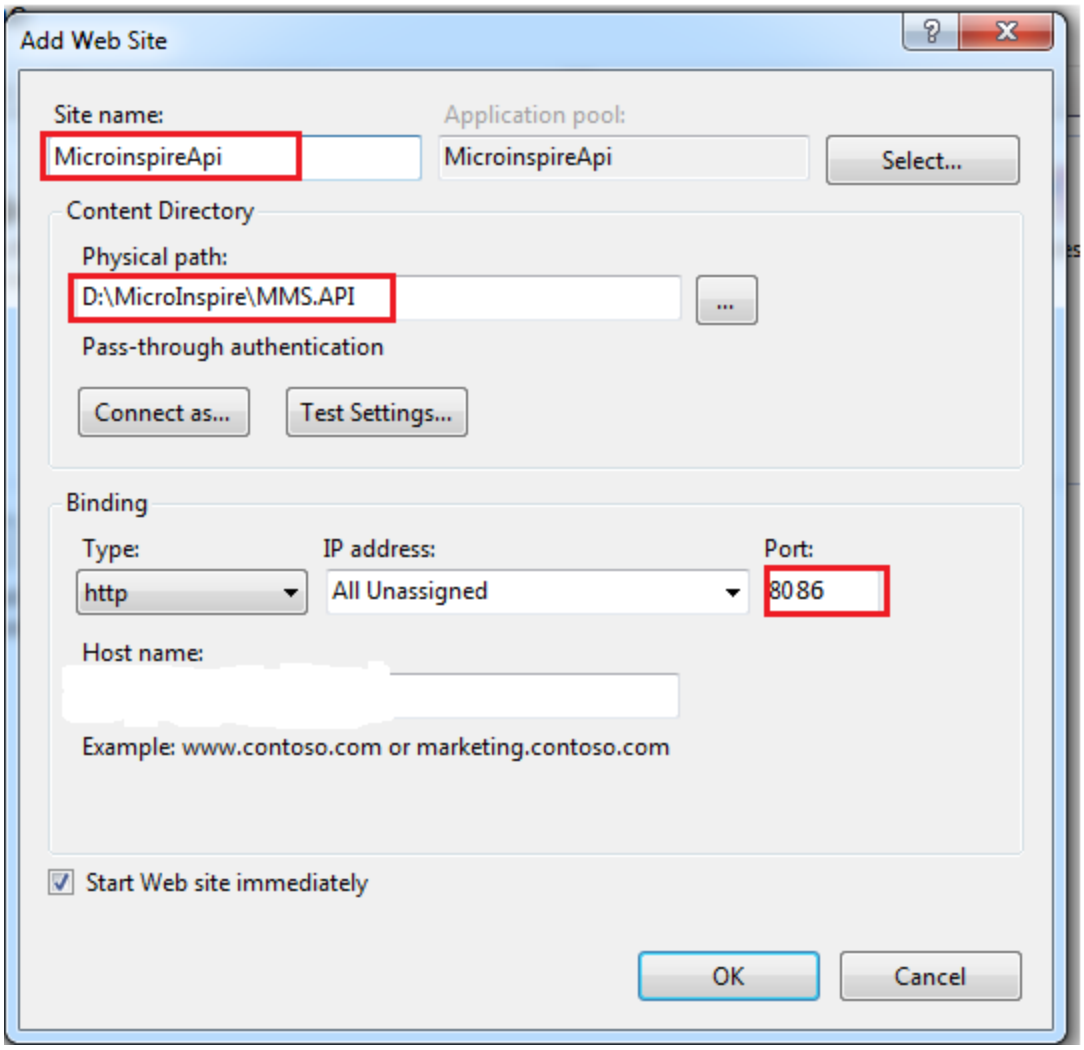
If not install hosting bundle .net core 2.1 in window.
Please download & install from bellow link:
https://dotnet.microsoft.com/download/dotnet-core/2.1

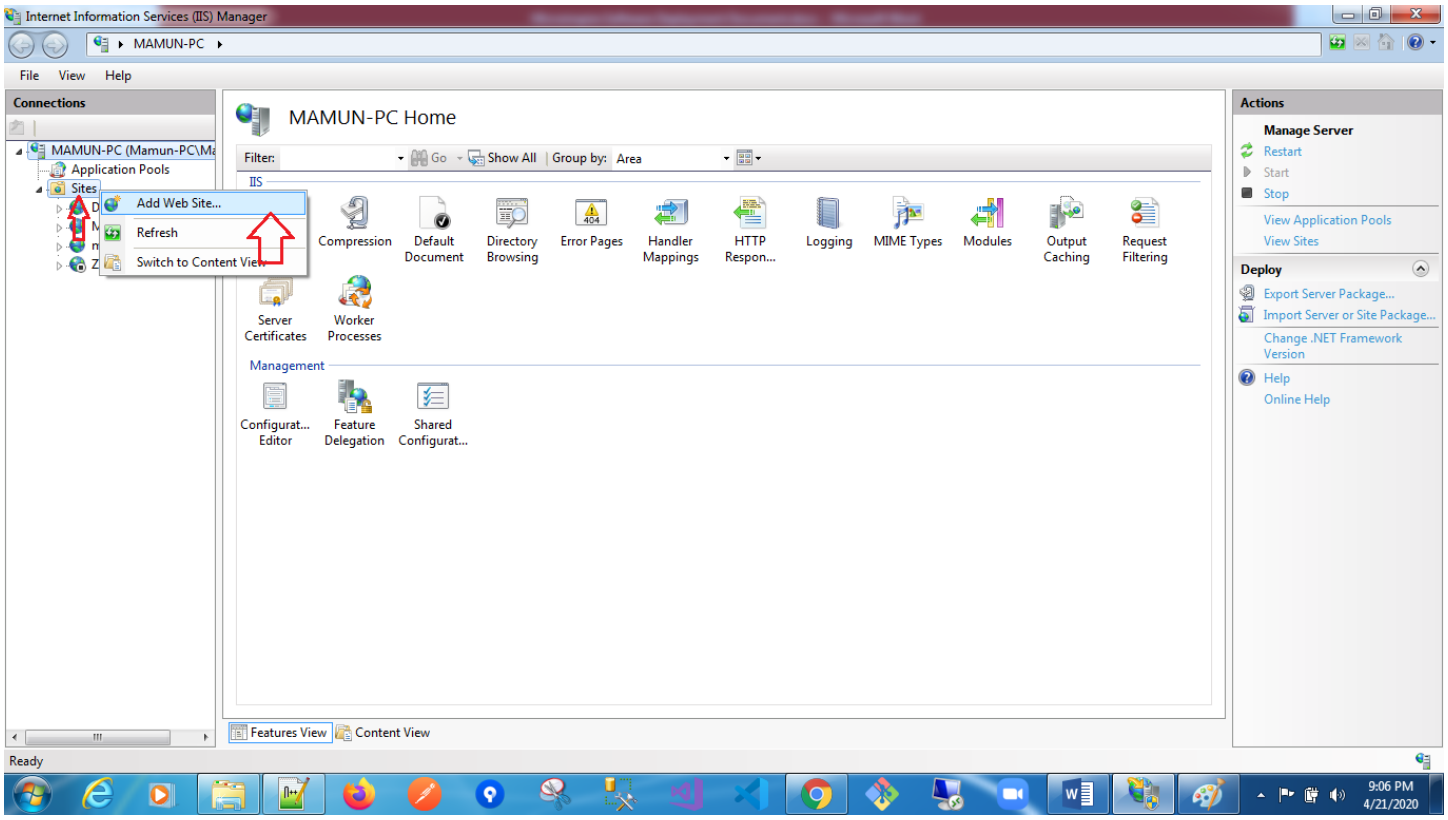


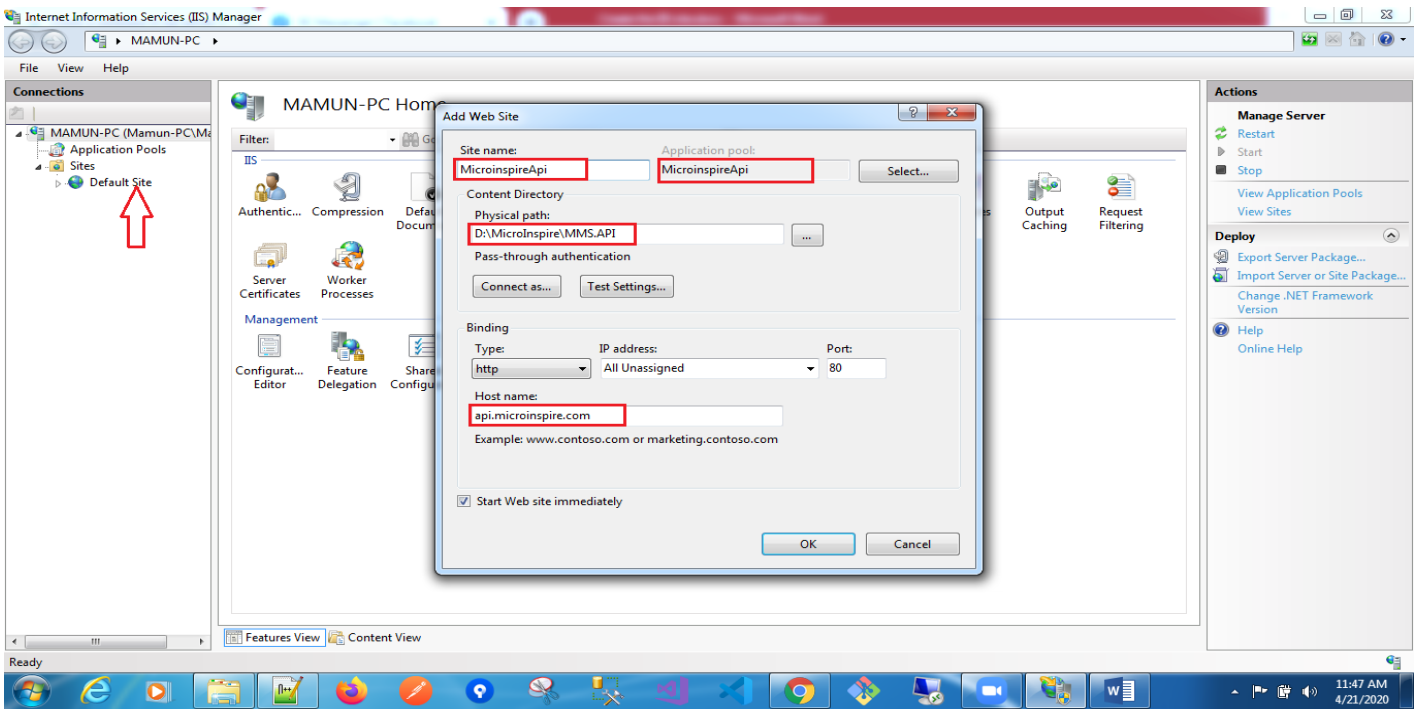
1. On the hosting system, create a folder to contain the app's published folders and files. In a following step, the folder's path is provided to IIS as the physical path to the app.
2. In IIS Manager, open the server's node in the **Connections** panel. Right-click the **Sites** folder. Select **Add Website** from the contextual menu.
3. Provide a **Site name** and set the **Physical path** to the app's deployment folder. Provide the **Binding** configuration and create the website by selecting **OK**:



Or http://localhost:8086


Add Web Site
Site name:
MicroinspireApi
Application pool:
MicroinspireApi
Select...
Content Directory
Physical path:
D:\MicroInspire\MMS.API
...
Pass-through authentication
Connect as...
Test Settings...
Binding
Type:
http
IP address:
All Unassigned
Port:
8086
Host name:
Example: www.contoso.com or marketing.contoso.com
Start Web site immediately
OK
Cancel


Internet Information Services (IIS) Manager
MAMUN-PC
File View Help
Connections
MAMUN-PC (Mamun-PC\Ma
Application Pools
Sites
Add Web Site...
Refresh
Switch to Content View
MAMUN-PC Home
Filter:
Go
Show All
Group by: Area
IIS
Compression
Default Document
Directory Browsing
Error Pages
Handler Mappings
HTTP Respon...
Logging
MIME Types
Modules
Output Caching
Request Filtering
Server Certificates
Worker Processes
Management
Configurat... Editor
Feature Delegation
Shared Configurat...
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Deploy
Export Server Package...
Import Server or Site Package...
Change .NET Framework Version
Help
Online Help
Features View
Content View
Ready
9:06 PM
4/21/2020


Internet Information Services (IIS) Manager
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File View Help
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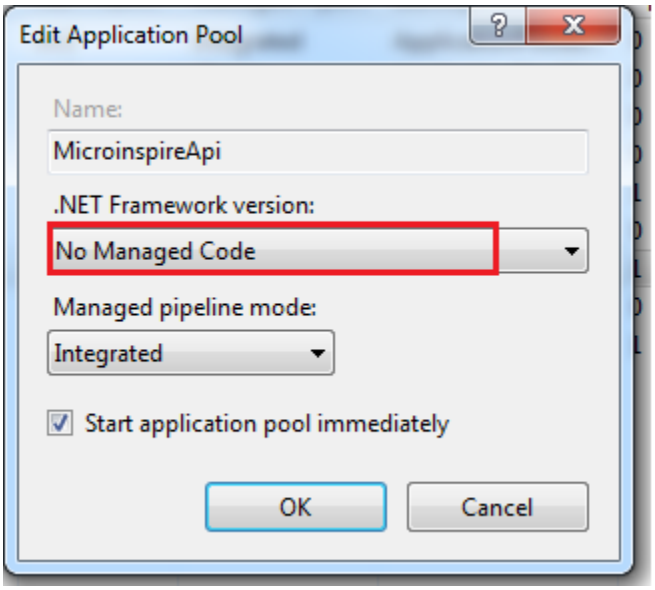
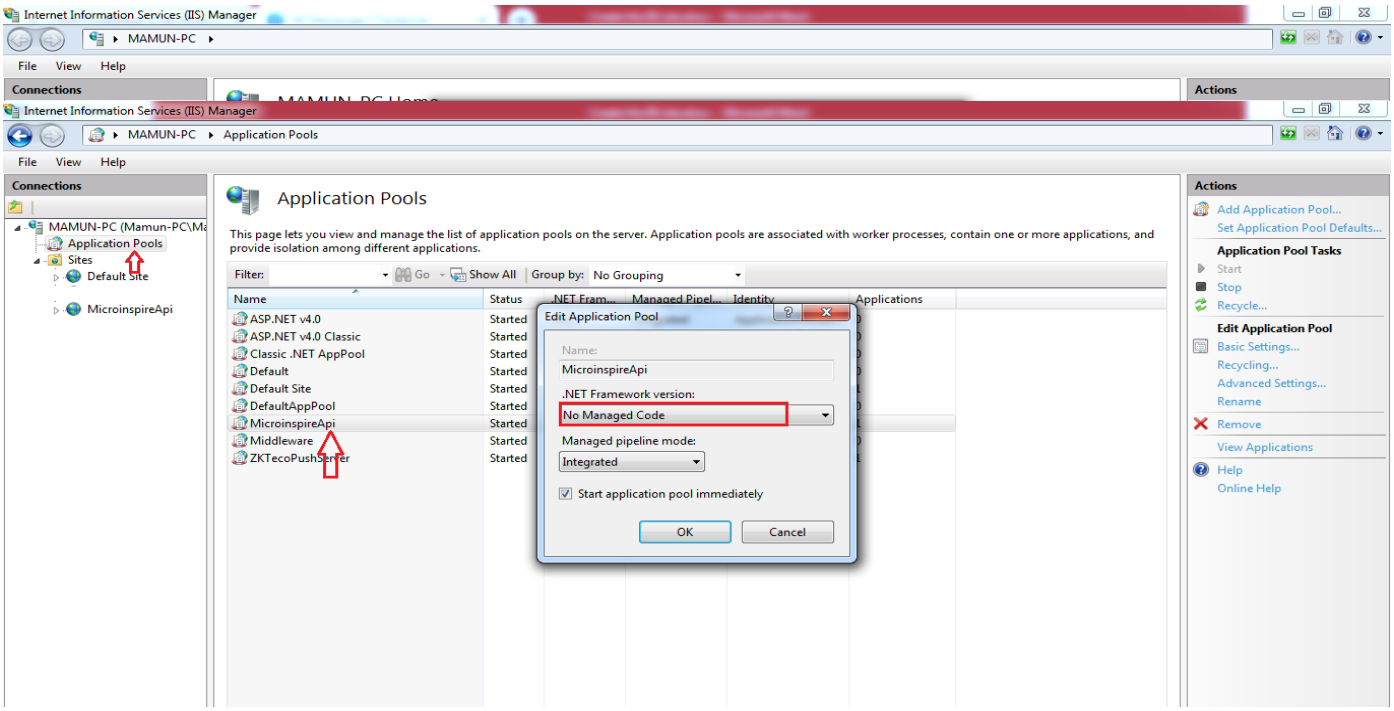
Application Pools
Sites
Default Site
Add Web Site
Site name:
MicroinspireApi
Application pool:
MicroinspireApi
Select...
Content Directory
Physical path:
D:\MicroInspire\MMS.API
Pass-through authentication
Connect as...
Test Settings...
Binding
Type:
http
IP address:
All Unassigned
Port:
80
Host name:
api.microinspire.com
Example: www.contoso.com or marketing.contoso.com
Start Web site immediately
OK
Cancel
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Deploy
Export Server Package...
Import Server or Site Package...
Change .NET Framework Version
Help
Online Help
Features View
Content View
Ready
11:47 AM
4/21/2020

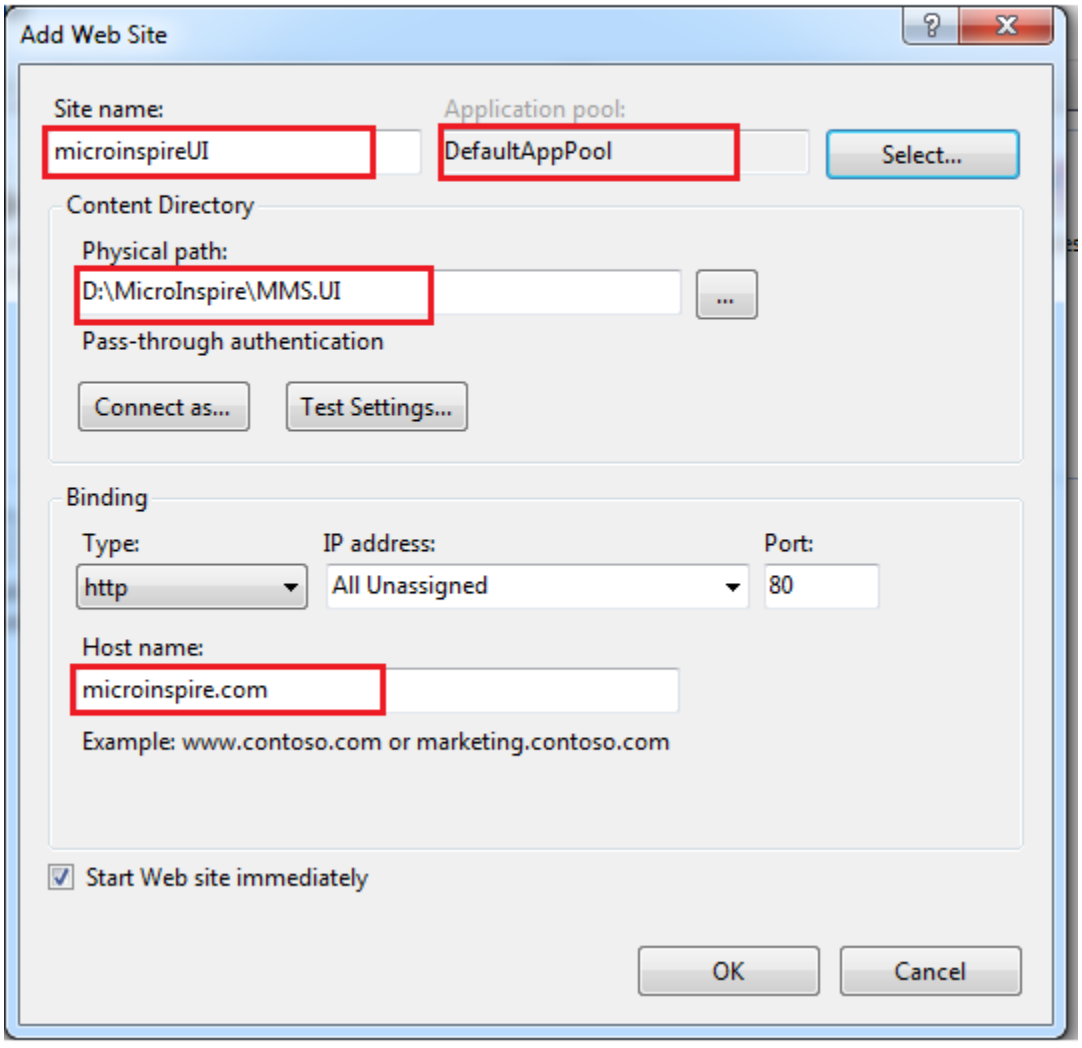
4. Under the server's node, select **Application Pools**.
5. Right-click the site's app pool and select **Basic Settings** from the contextual menu.
6. In the **Edit Application Pool** window, set the **.NET CLR version** to **No Managed Code**:



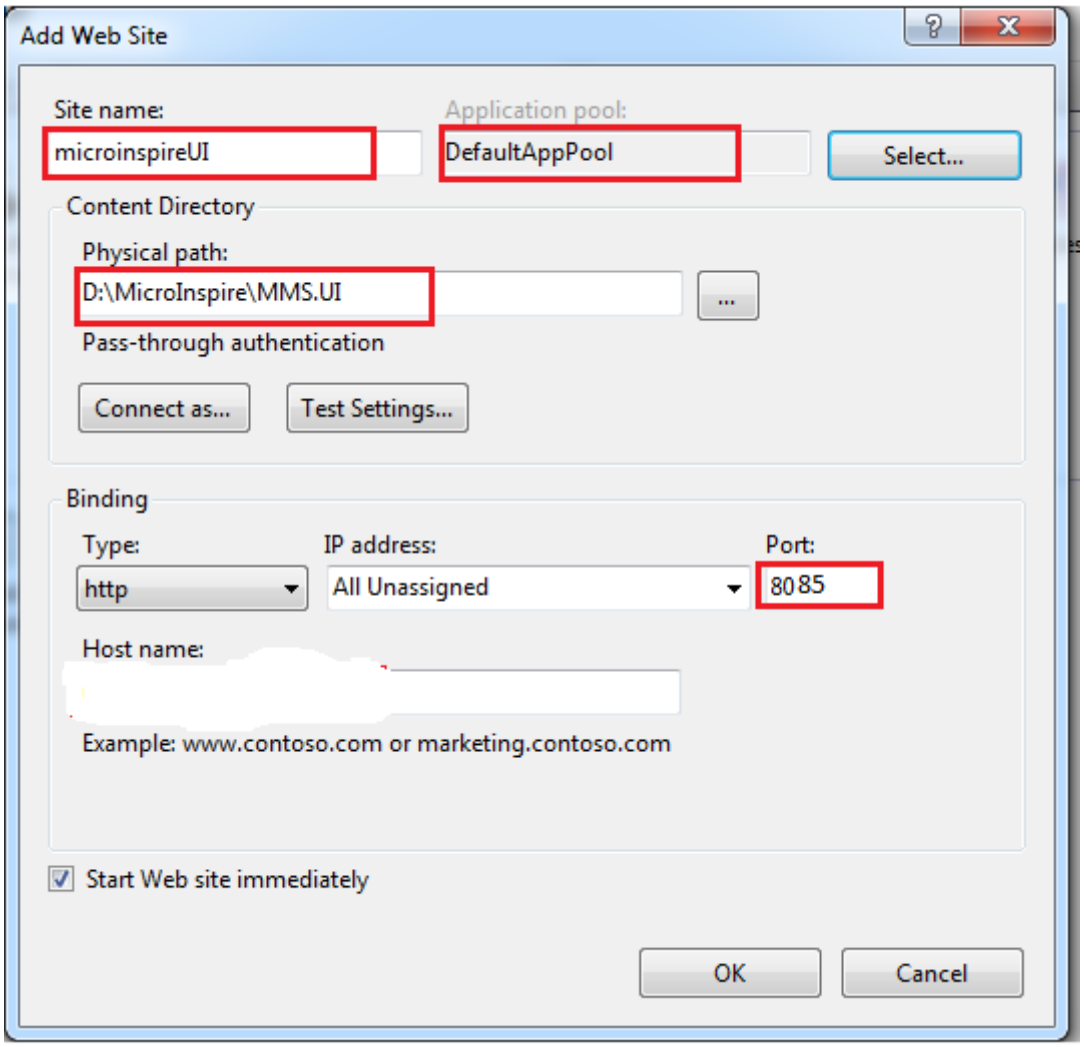


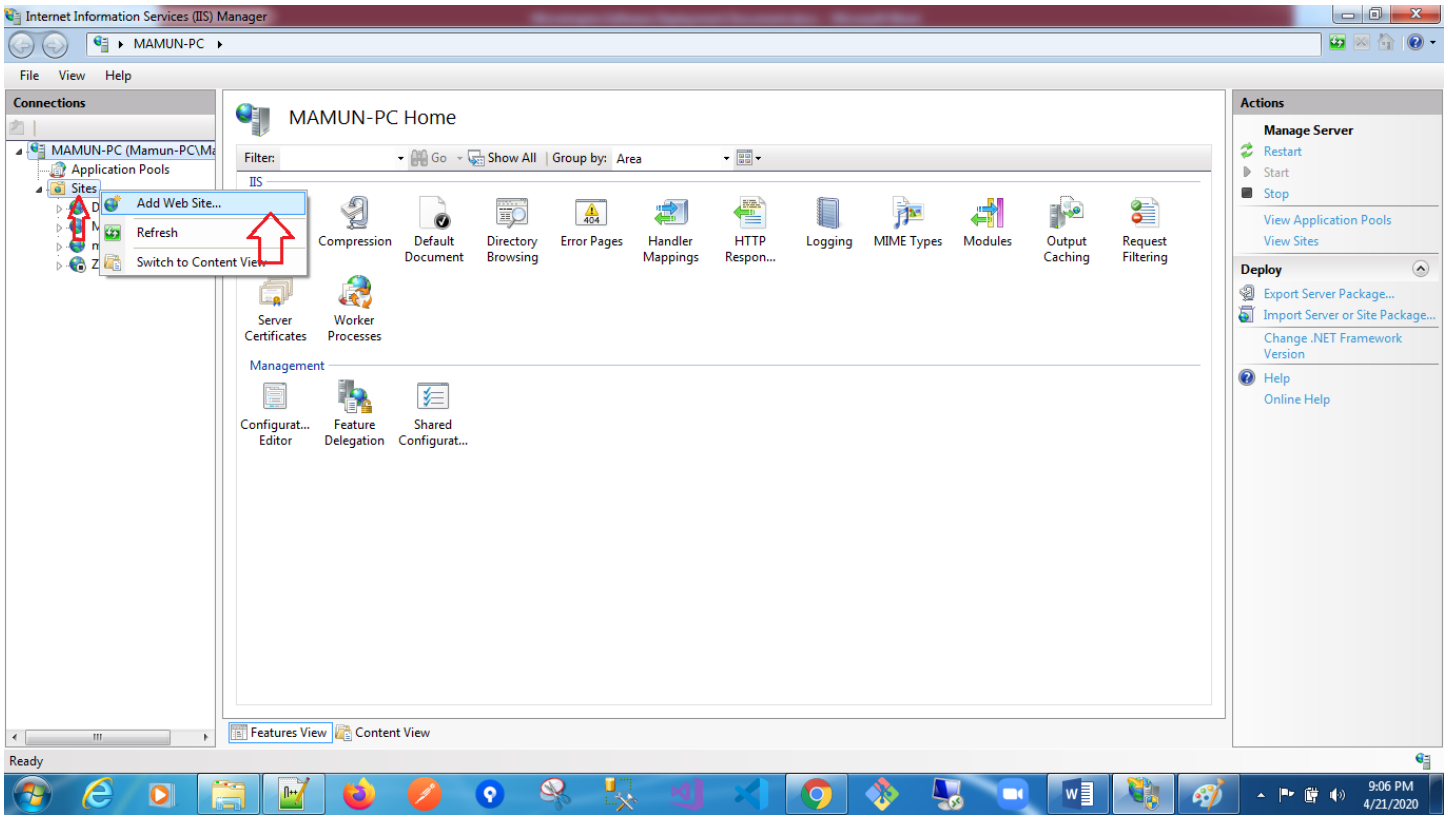
Deploy UI (Frontend) in IIS

1. On the hosting system, create a folder to contain the app's published folders and files. In a following step, the folder's path is provided to IIS as the physical path to the app.
2. In IIS Manager, open the server's node in the **Connections** panel. Right-click the **Sites** folder. Select **Add Website** from the contextual menu.
3. Provide a **Site name** and set the **Physical path** to the app's deployment folder. Provide the **Binding** configuration and create the website by selecting **OK**:
4. Select DefaultAppPool



Or http://localhost:8085


Add Web Site
Site name:
microinspireUI
Application pool:
DefaultAppPool
Select...
Content Directory
Physical path:
D:\MicroInspire\MMS.UI
...
Pass-through authentication
Connect as...
Test Settings...
Binding
Type:
http
IP address:
All Unassigned
Port:
8085
Host name:
Example: www.contoso.com or marketing.contoso.com
Start Web site immediately
OK
Cancel


Internet Information Services (IIS) Manager
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File View Help
Connections
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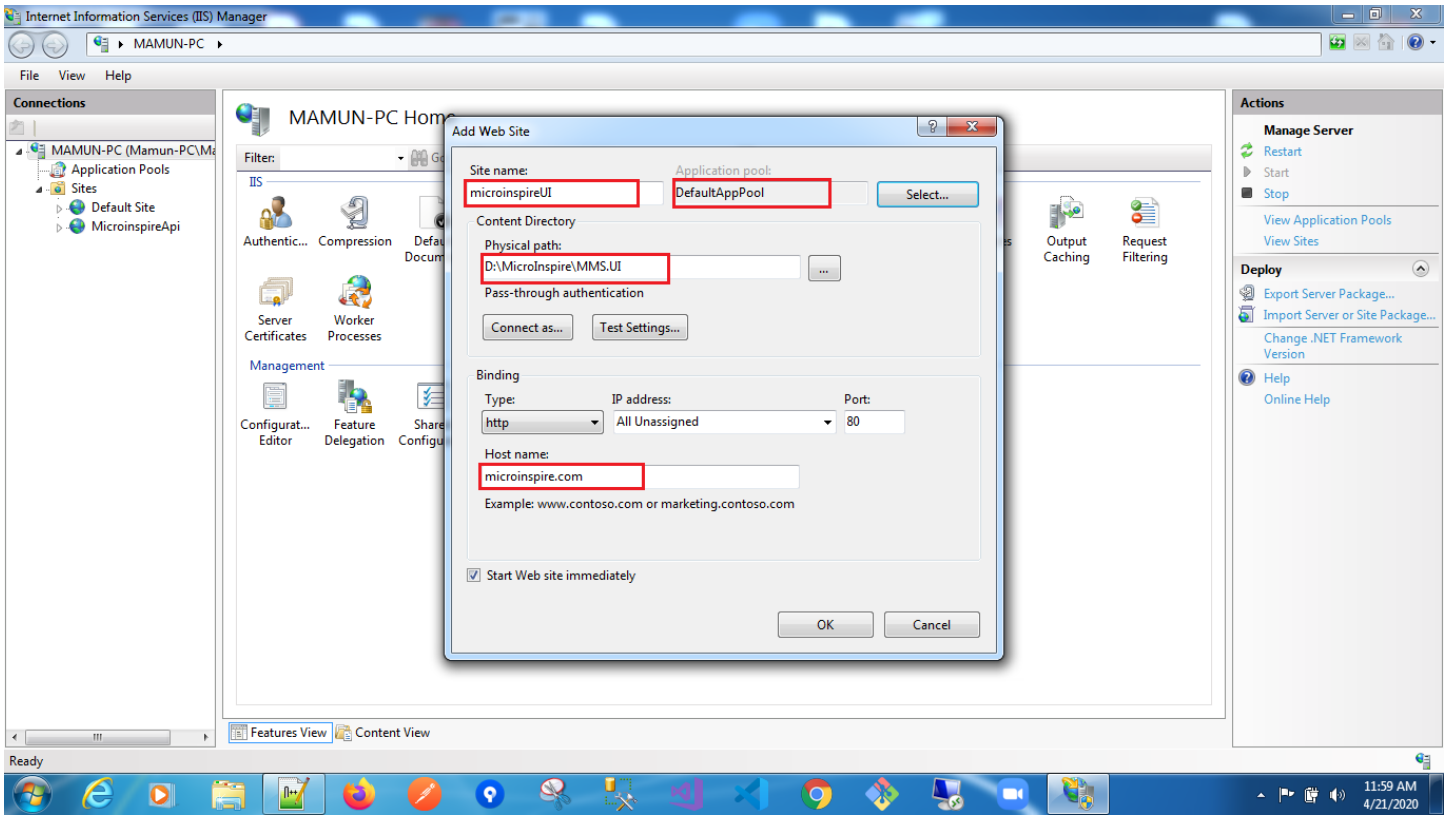
Application Pools
Sites
Add Web Site...
Refresh
Switch to Content View
MAMUN-PC Home
Filter:
Go
Show All
Group by: Area
IIS
Compression
Default Document
Directory Browsing
Error Pages
Handler Mappings
HTTP Respon...
Logging
MIME Types
Modules
Output Caching
Request Filtering
Server Certificates
Worker Processes
Management
Configurat... Editor
Feature Delegation
Shared Configurat...
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Deploy
Export Server Package...
Import Server or Site Package...
Change .NET Framework Version
Help
Online Help
Features View
Content View
Ready
9:06 PM
4/21/2020


Internet Information Services (IIS) Manager
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File View Help
Connections
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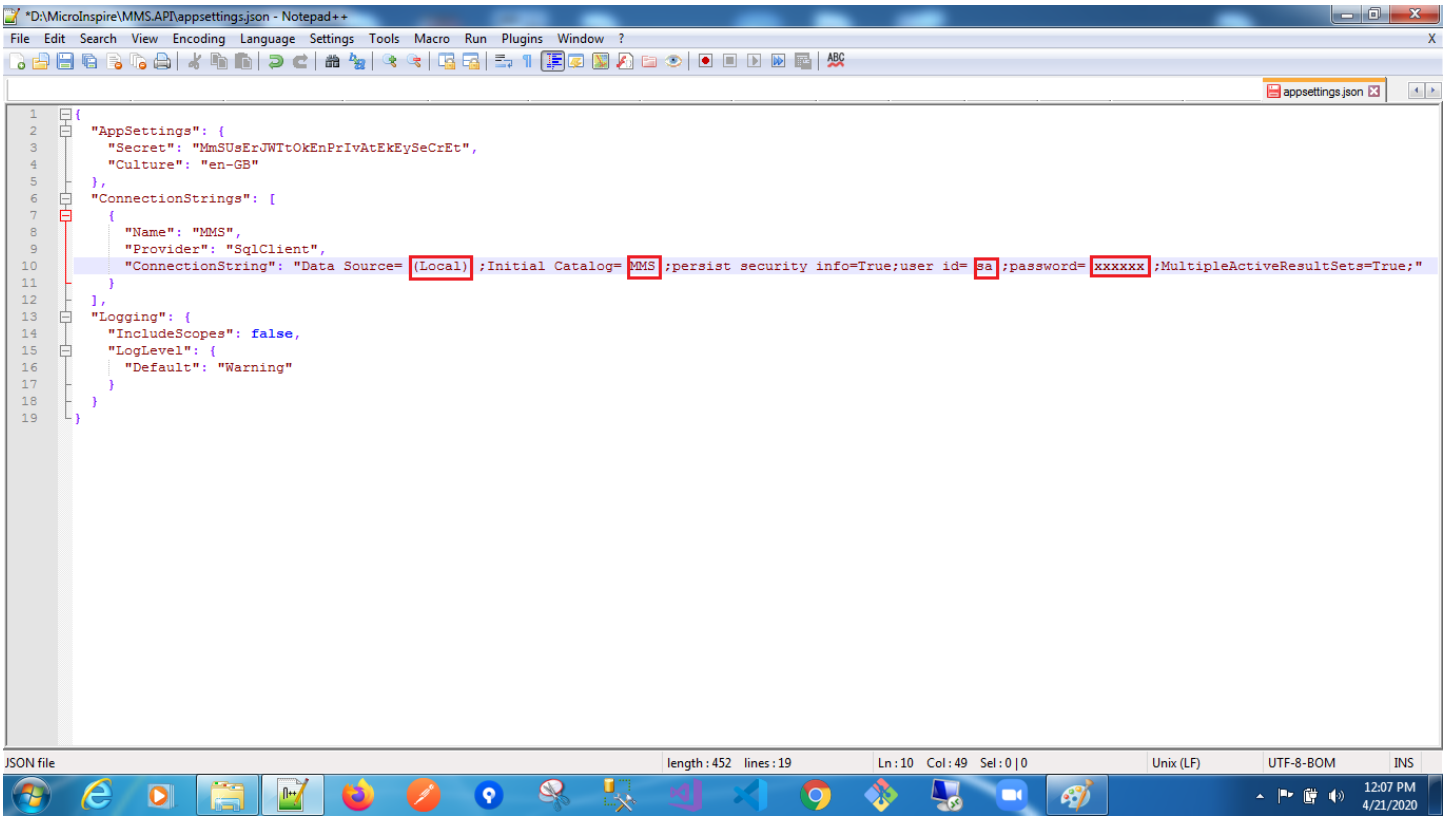
Application Pools
Sites
Default Site
MicroinspireApi
MAMUN-PC Hom
Add Web Site
Site name:
microinspireUI
Application pool:
DefaultAppPool
Select...
Content Directory
Physical path:
D:\MicroInspire\MMS.UI
Pass-through authentication
Connect as...
Test Settings...
Binding
Type:
http
IP address:
All Unassigned
Port:
80
Host name:
microinspire.com
Example: www.contoso.com or marketing.contoso.com
Start Web site immediately
OK
Cancel
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Deploy
Export Server Package...
Import Server or Site Package...
Change .NET Framework Version
Help
Online Help
Features View
Content View
Ready
11:59 AM
4/21/2020

To change SQL Server database connection string open Deploymentfolder\MMS.API\appsettings.json.

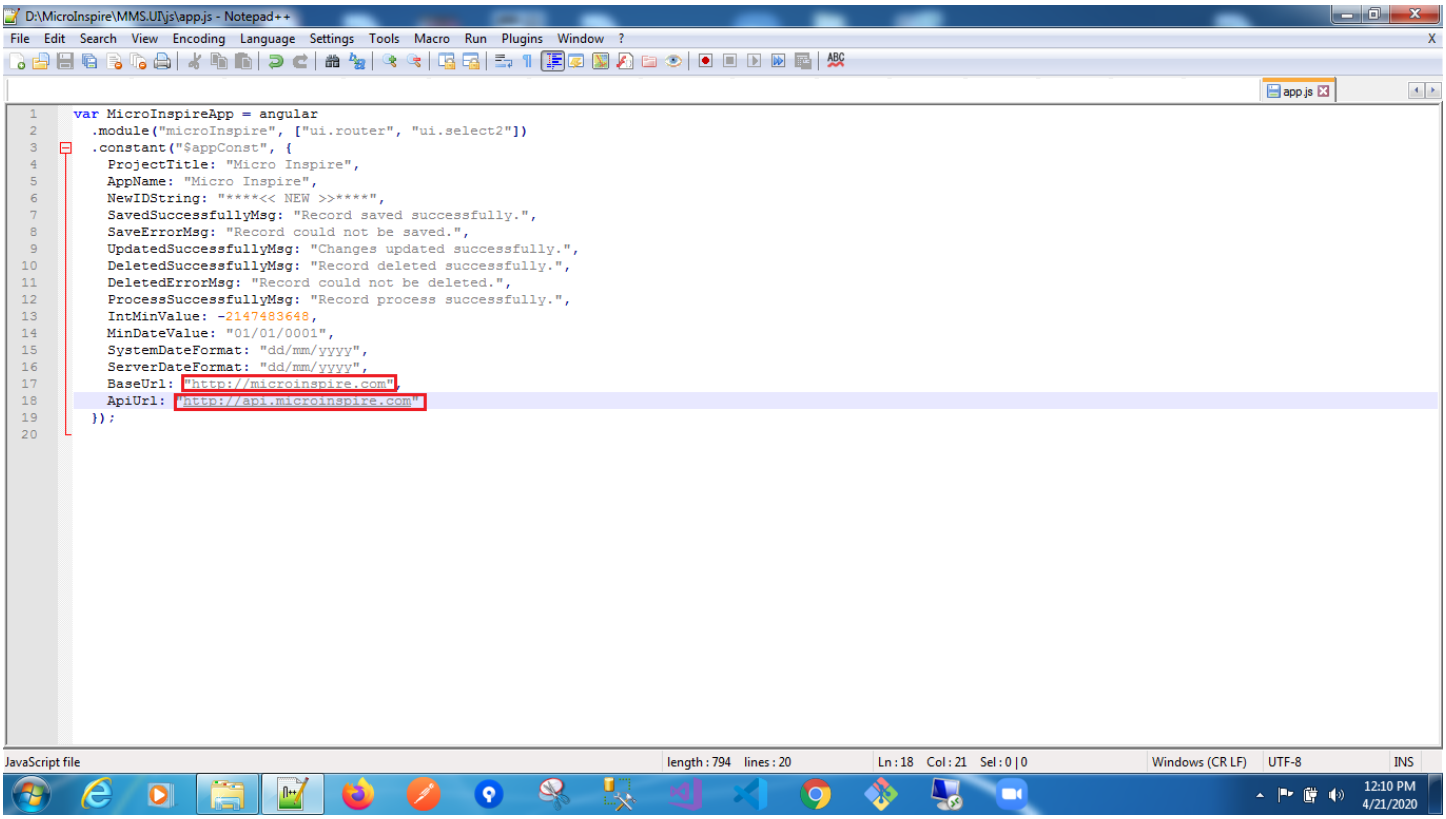
Set “Data Source”,” Initial Catalog”,”user id”,”password”.



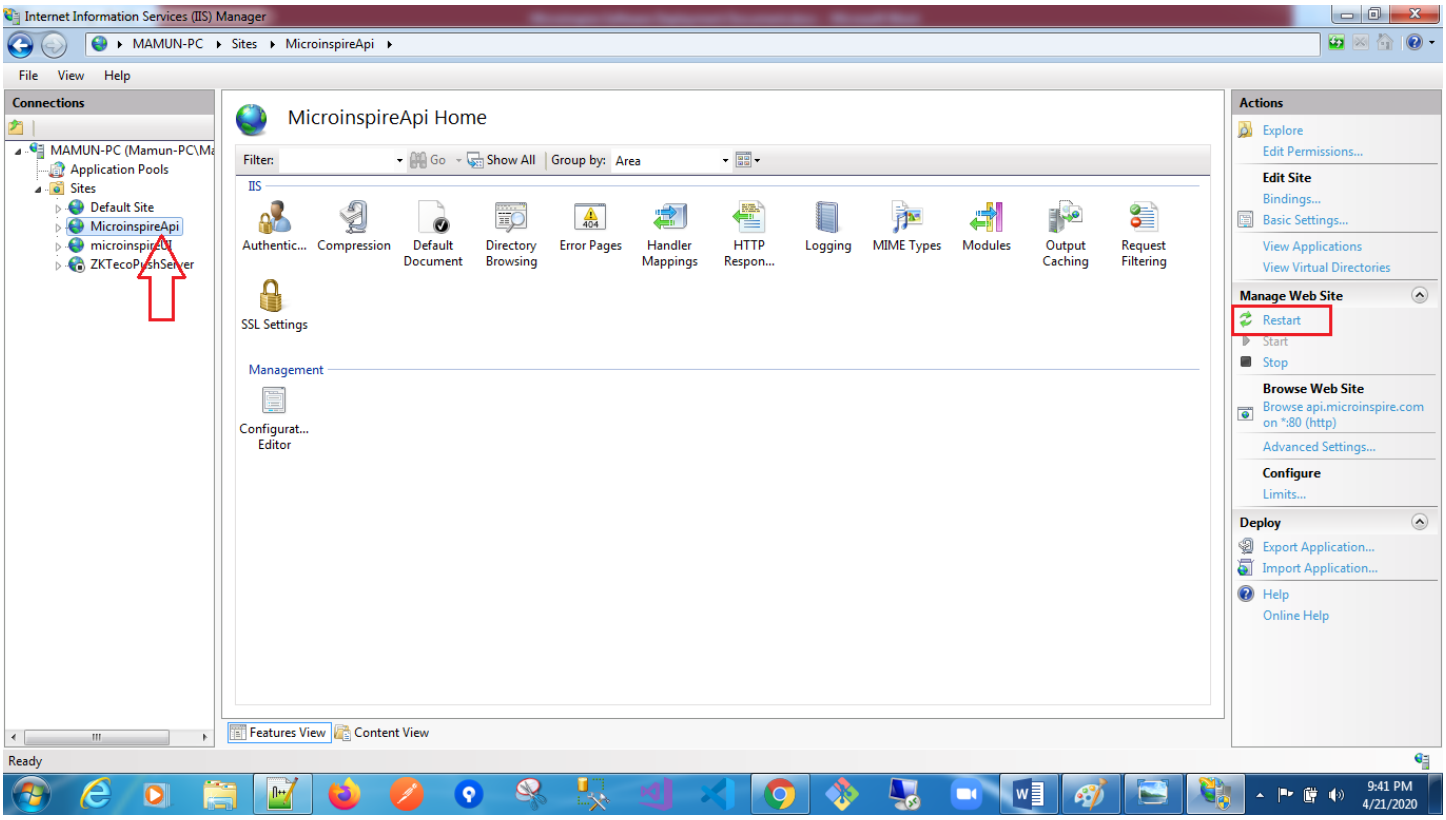
Note: Data Source not allow single “\” backslash like: GISB-037\SQLEXPRESS, allow double “\\” backslash like: GISB-037\\SQLEXPRESS

To change BaseUrl & ApiUrl open DeploymentFolder\ MMS.UI\js\app.js.

1. BaseUrl = UI (Frontend) Deployment Url. Like: http://localhost:8085 Or http://microinspire.com
2. ApiUrl = API (Backend) Deployment Url. Like: http://localhost:8086 Or api.microinspire.com



Finally restart two site from IIS.


Internet Information Services (IIS) Manager
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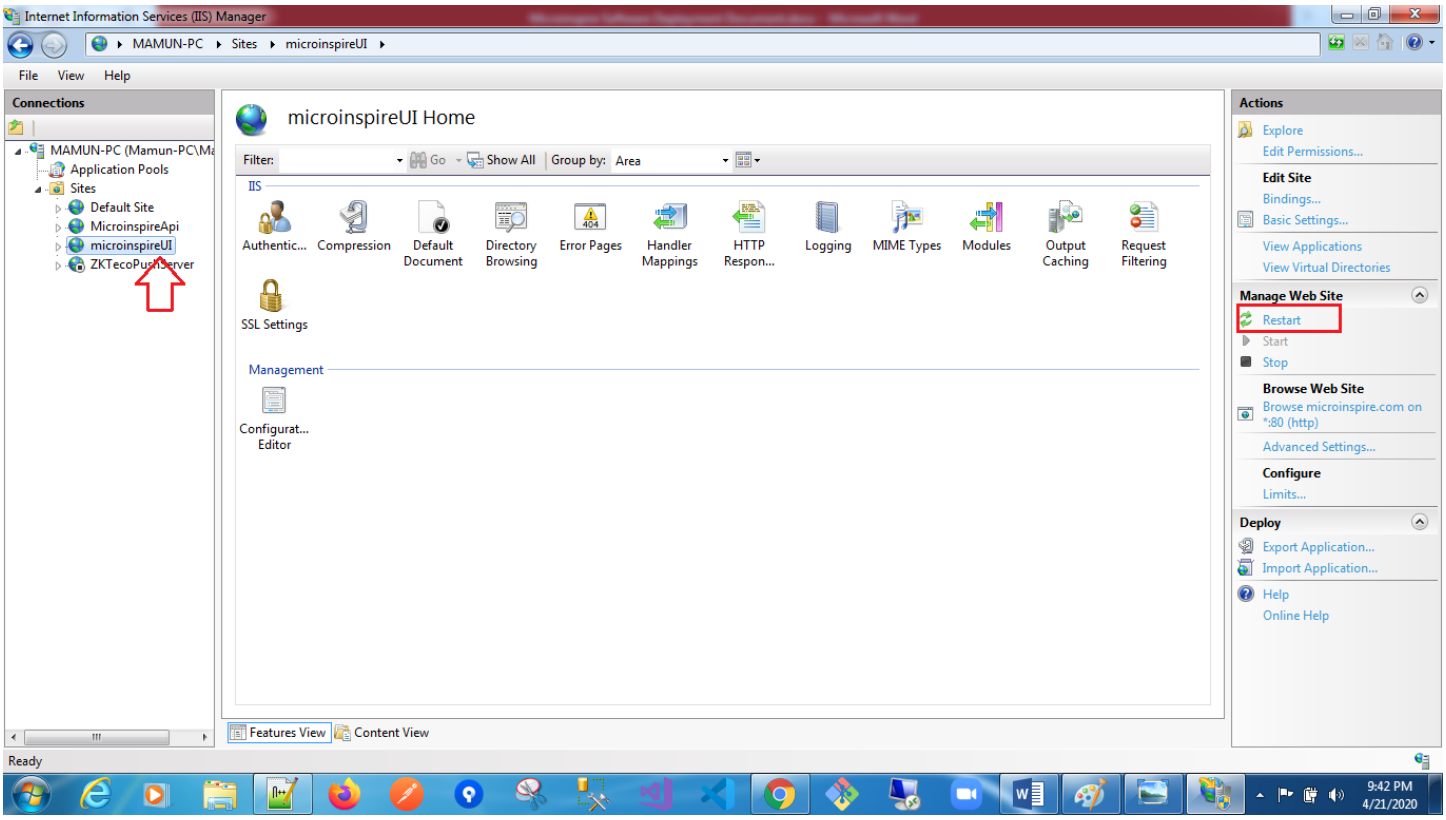
microinspireUI
ZKTecoPushServer
MicroinspireApi Home
Filter:
Go
Show All
Group by: Area
IIS
Authentic...
Compression
Default Document
Directory Browsing
Error Pages
Handler Mappings
HTTP Respon...
Logging
MIME Types
Modules
Output Caching
Request Filtering
SSL Settings
Management
Configurat... Editor
Features View
Content View
Actions
Explore
Edit Permissions...
Edit Site
Bindings...
Basic Settings...
View Applications
View Virtual Directories
Manage Web Site
Restart
Start
Stop
Browse Web Site
Browse api.microinspire.com on *:80 (http)
Advanced Settings...
Configure
Limits...
Deploy
Export Application...
Import Application...
Help
Online Help
Ready
9:41 PM
4/21/2020


Internet Information Services (IIS) Manager
MAMUN-PC ▸ Sites ▸ microinspireUI ▸
File View Help
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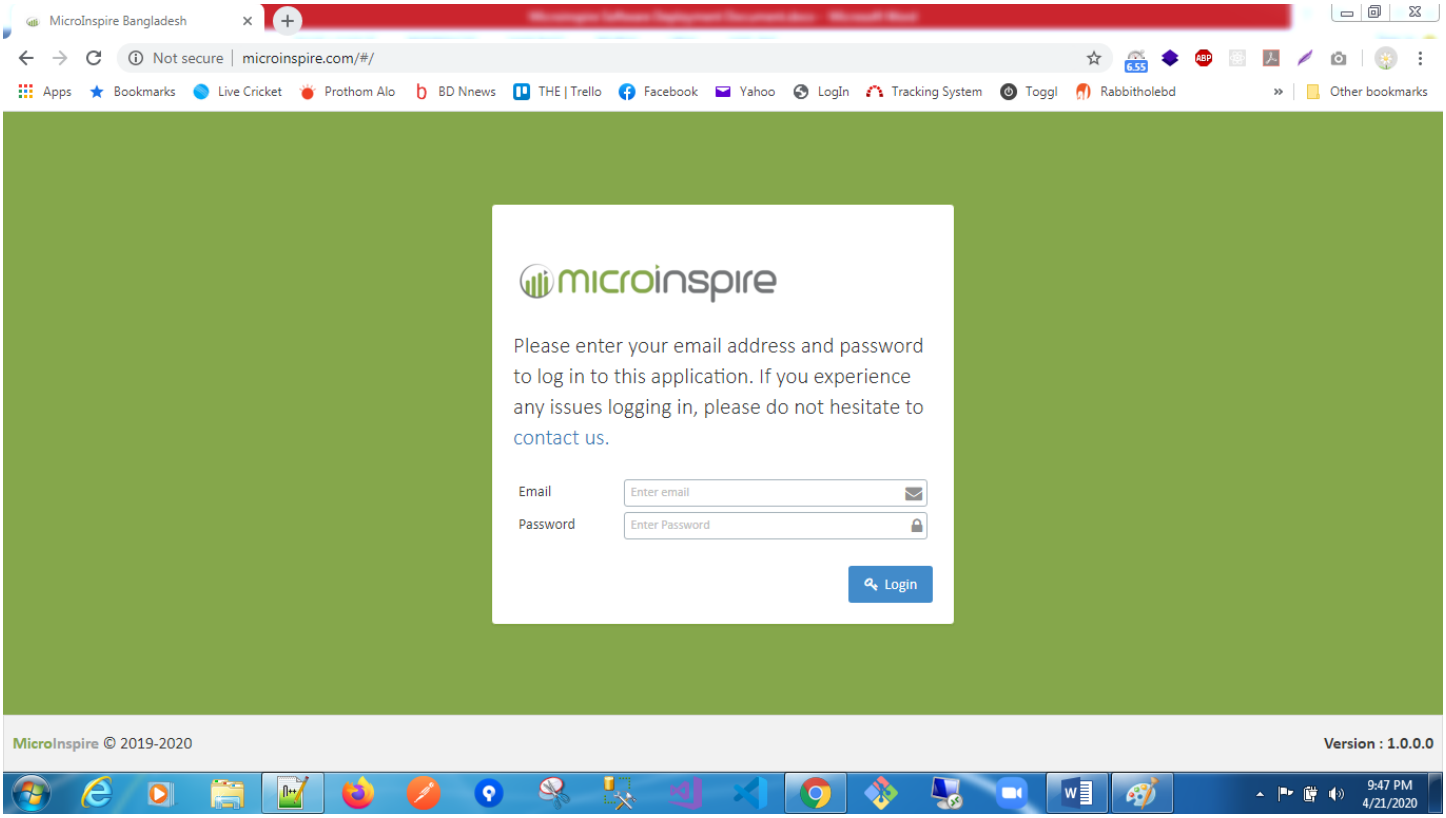
Application Pools
Sites
Default Site
MicroinspireApi
microinspireUI
ZKTecoPushServer
microinspireUI Home
Filter:
Go
Show All
Group by: Area
IIS
Authentic...
Compression
Default Document
Directory Browsing
Error Pages
Handler Mappings
HTTP Respon...
Logging
MIME Types
Modules
Output Caching
Request Filtering
SSL Settings
Management
Configurat... Editor
Features View
Content View
Actions
Explore
Edit Permissions...
Edit Site
Bindings...
Basic Settings...
View Applications
View Virtual Directories
Manage Web Site
Restart
Start
Stop
Browse Web Site
Browse microinspire.com on *:80 (http)
Advanced Settings...
Configure
Limits...
Deploy
Export Application...
Import Application...
Help
Online Help
Ready
9:42 PM
4/21/2020

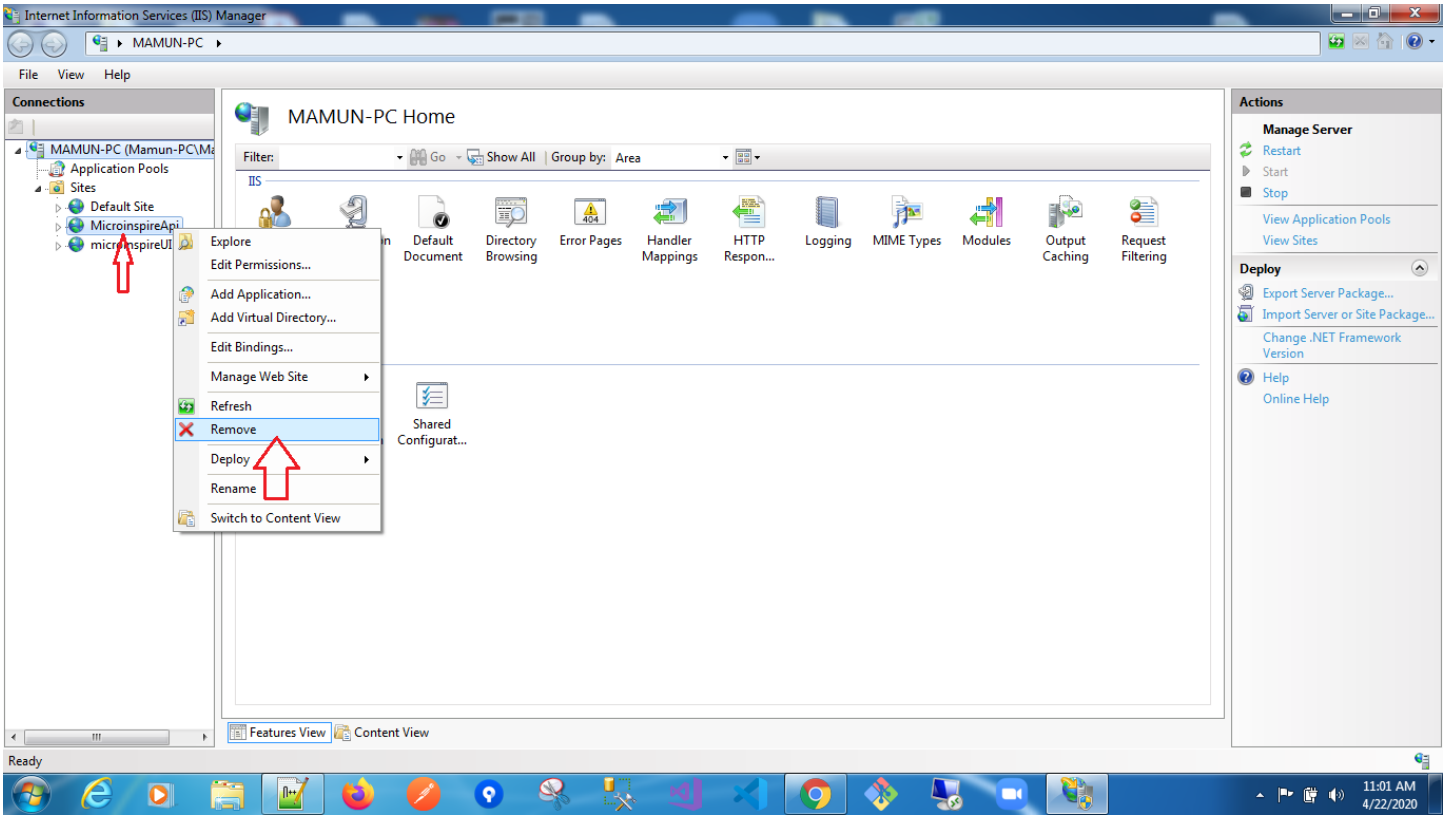
Open browser then browse http://microinspire.com/#/ & Login with provided email,password.



To complete the un-deployment need to following step.

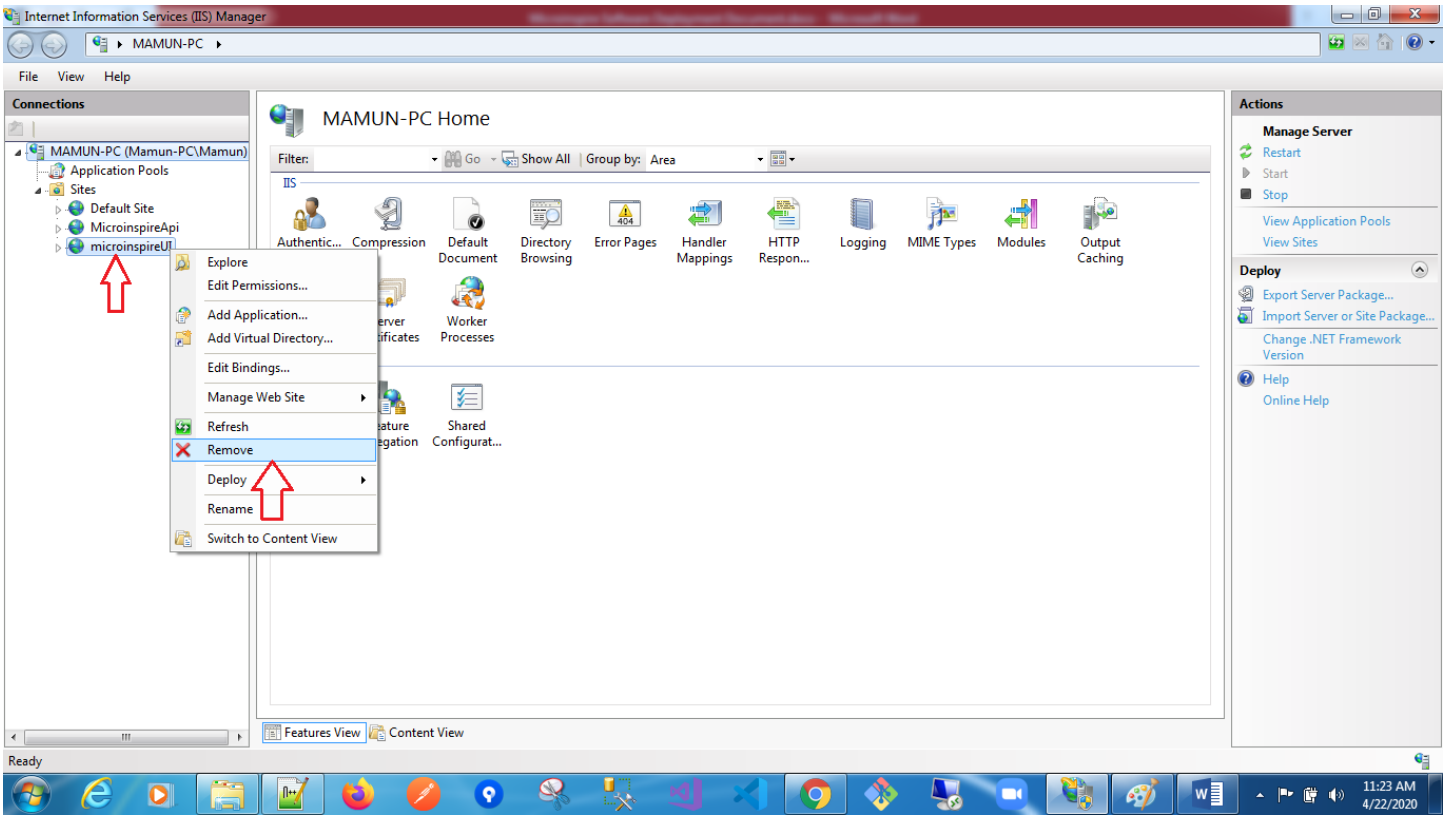
Step1:

1. In IIS Manager, open the server's node in the **Connections** panel. Open the **Sites** folder.
2. Right-click **MicroinspireApi** website and click **Remove** from the contextual menu.



Step2:

1. In IIS Manager, open the server's node in the **Connections** panel. Open the **Sites** folder.
2. Right-click **MicroinspireUI** website and click **Remove** from the contextual menu.


Internet Information Services (IIS) Manager
MAMUN-PC
File View Help
Connections
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Application Pools
Sites
Default Site
MicroinspireApi
microinspireUI
Explore
Edit Permissions...
Add Application...
Add Virtual Directory...
Edit Bindings...
Manage Web Site
Refresh
Remove
Deploy
Rename
Switch to Content View
MAMUN-PC Home
Filter:
Go
Show All
Group by: Area
IIS
Authentic...
Compression
Default Document
Directory Browsing
Error Pages
Handler Mappings
HTTP Respon...
Logging
MIME Types
Modules
Output Caching
Worker Processes
Shared Configurat...
Features View
Content View
Actions
Manage Server
Restart
Start
Stop
View Application Pools
View Sites
Deploy
Export Server Package...
Import Server or Site Package...
Change .NET Framework Version
Help
Online Help
Ready
11:23 AM
4/22/2020