

KPMVCWebAPIs

Sunday, May 26, 2019 10:39 AM

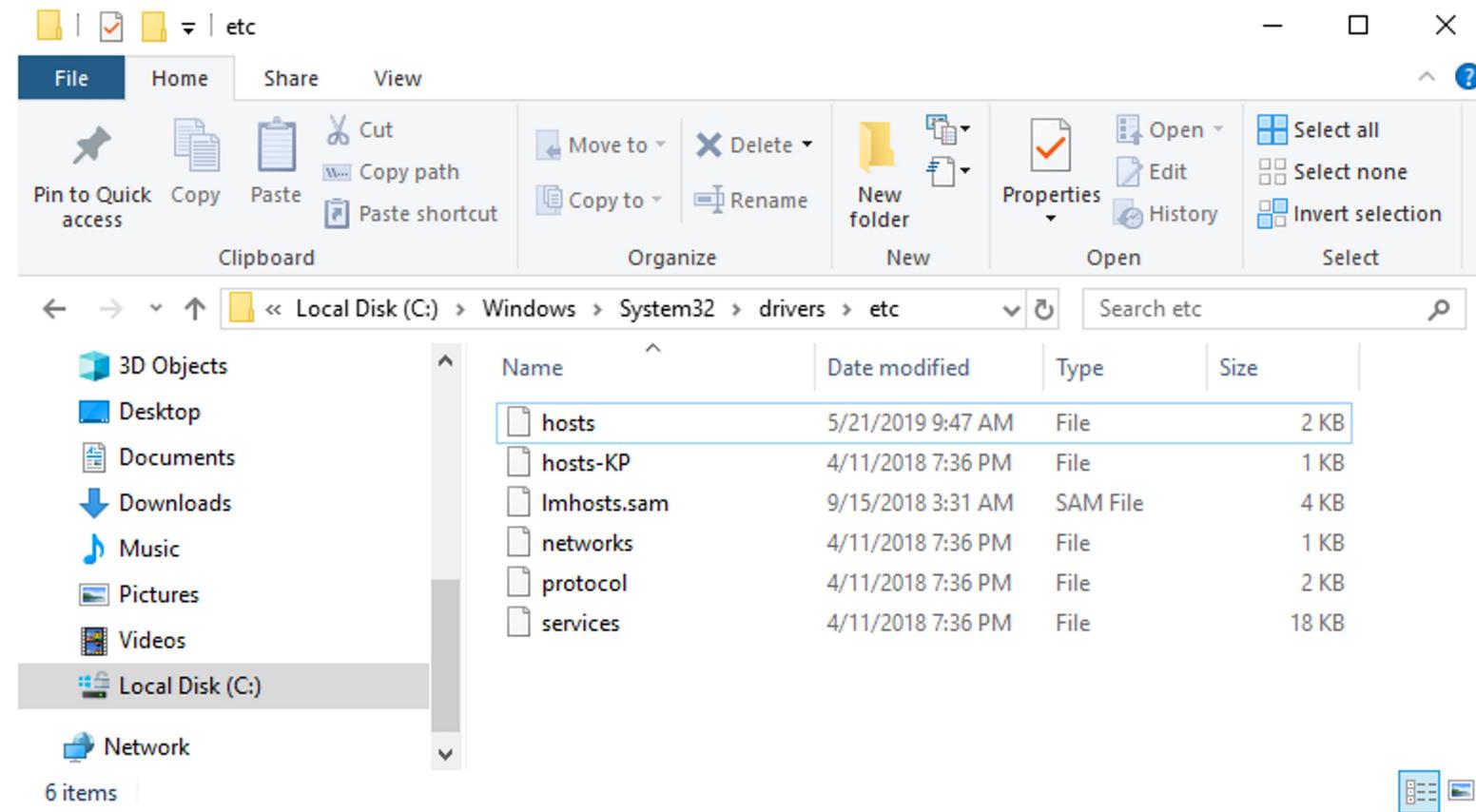
KPMVCWebAPIs

MVC Web-Site (or) MVC REST APIs can be hosted on IIS, the process consists of the following three steps.

- Application Pools : Setting-up Application Pools, so that Web-APIs layer can communicate with the backend database.
- Hosts File: Making hosts file entries with the IP Addresses and Physical URL paths.
- Virtual Directory : Creating a virtual directory on IIS and/or publishing the Web Site on IIS.

Hosts File Entry :

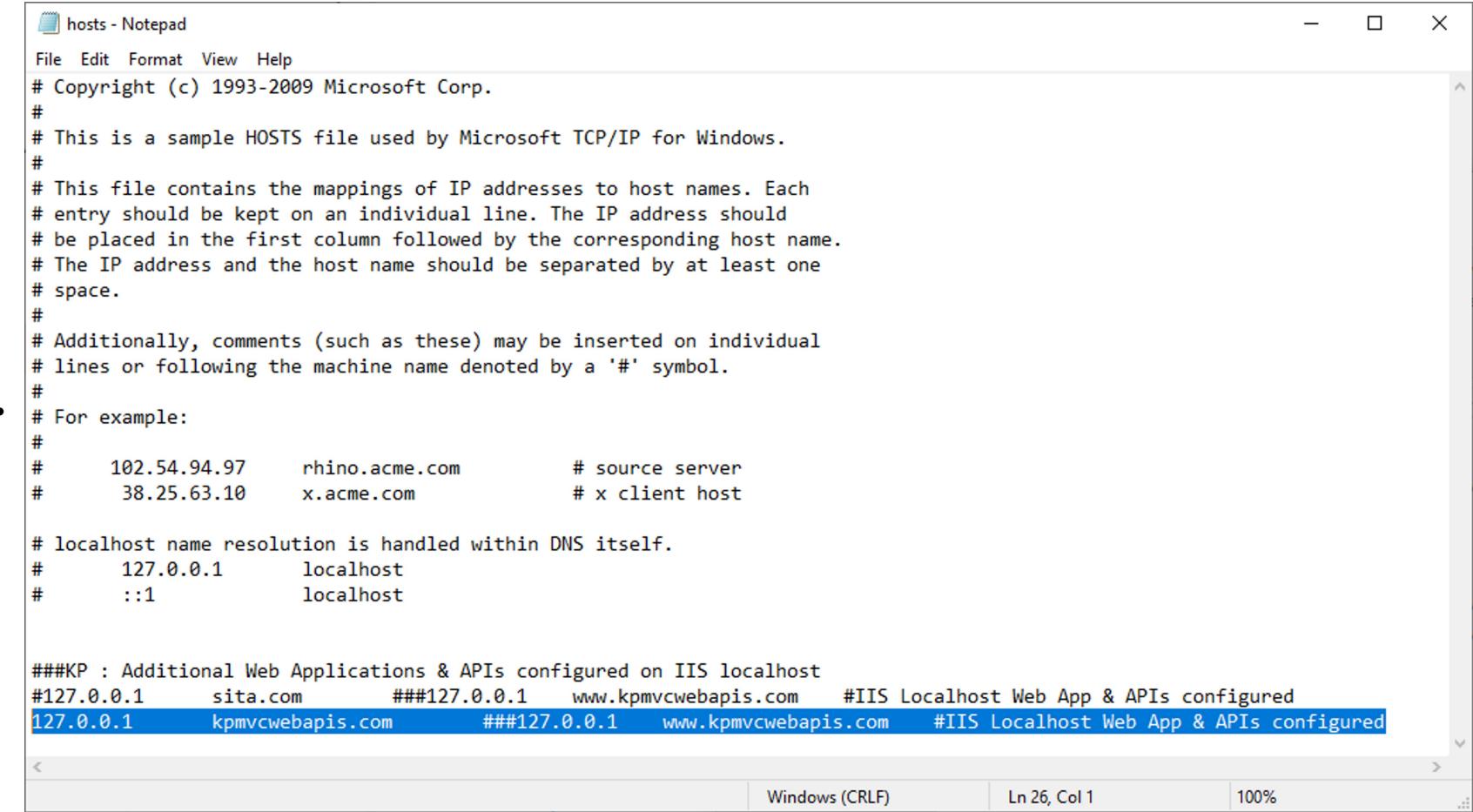
- Every Web-site needs a host file entry.
- A 'hosts' file maps a specific 'IP Address" with a corresponding WebSite/WebAPP/WebAPIs.
- Open the 'hosts' file as in 'administrator' mode.
- Folder path for 'hosts' file location : C:\Windows\System32\drivers\etc\hosts



- **C:\Windows\System32\drivers\etc\hosts**

- Make the following hosts file entry with out a hash

- **127.0.0.1 kpmvcwebapis.com** ##127.0.0.1 api.kpmvcwebapis.com #IIS Localhost Web App & APIs configured



The screenshot shows a Notepad window with the title "hosts - Notepad". The window contains the standard Windows HOSTS file documentation and several entries. The entries include mappings for "rhino.acme.com", "x.acme.com", "localhost", and "kpmvcwebapis.com". The last two entries are highlighted in blue, indicating they are being edited or selected. The status bar at the bottom shows "Windows (CRLF)", "Ln 26, Col 1", and "100%".

```
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
• # For example:
#
#      102.54.94.97      rhino.acme.com      # source server
#      38.25.63.10      x.acme.com          # x client host

# localhost name resolution is handled within DNS itself.
#      127.0.0.1      localhost
#      ::1              localhost

####KP : Additional Web Applications & APIs configured on IIS localhost
#127.0.0.1      sita.com      ###127.0.0.1      www.kpmvcwebapis.com      #IIS Localhost Web App & APIs configured
127.0.0.1      kpmvcwebapis.com      ###127.0.0.1      www.kpmvcwebapis.com      #IIS Localhost Web App & APIs configured
```

Application Pools :

Default App Pool Errors :

- KPMVCWebAPIs when connecting to the backend DBs should have the App Pools configured.
- If App Pools have not been configured correctly following errors will be displayed.

The screenshot shows a browser window with the URL `kpmvcwebapis.com/api/Persons/`. The page content is an XML error response:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<Error>
  <Message>An error has occurred.</Message>
  <ExceptionMessage>Cannot open database "AdventureWorks2017" requested by the login. The login failed. Login failed for user 'IIS APPPOOL\DefaultAppPool'.</ExceptionMessage>
  <ExceptionType>System.Data.SqlClient.SqlException</ExceptionType>
  <StackTrace>
    at System.Data.SqlClient.SqlInternalConnectionTds..ctor(DbConnectionPoolIdentity identity, SqlConnectionString connectionOptions, SqlCredential credential, Object providerInfo, String newPassword, SecureString newSecurePassword, Boolean redirectedUserInstance, SqlConnectionString userConnectionString, SessionData reconnectSessionData, DbConnectionPool pool, String accessToken, Boolean applyTransientFaultHandling, SqlAuthenticationProviderManager sqlAuthProviderManager) at
    System.Data.SqlClient.SqlConnectionFactory.CreateConnection(DbConnectionOptions options, DbConnectionPoolKey poolKey, Object poolGroupProviderInfo, DbConnectionPool pool, DbConnection owningConnection, DbConnectionOptions userOptions) at
    System.Data.ProviderBase.DbConnectionFactory.CreatePooledConnection(DbConnectionPool pool, DbConnection owningObject, DbConnectionOptions options, DbConnectionPoolKey poolKey, DbConnectionOptions userOptions) at
    System.Data.ProviderBase.DbConnectionPool.CreateObject(DbConnection owningObject, DbConnectionOptions userOptions, DbConnectionInternal oldConnection) at System.Data.ProviderBase.DbConnectionPool.UserCreateRequest(DbConnection owningObject, DbConnectionOptions userOptions, DbConnectionInternal oldConnection) at
    System.Data.ProviderBase.DbConnectionPool.TryGetConnection(DbConnection owningObject, UInt32 waitForMultipleObjectsTimeout, Boolean allowCreate, Boolean onlyOneCheckConnection, DbConnectionOptions userOptions, DbConnectionInternal& connection) at
    System.Data.ProviderBase.DbConnectionPool.TryGetConnection(DbConnection owningObject, TaskCompletionSource`1 retry, DbConnectionOptions userOptions, DbConnectionInternal& connection) at
    System.Data.ProviderBase.DbConnectionFactory.TryGetConnection(DbConnection owningConnection, TaskCompletionSource`1 retry, DbConnectionOptions userOptions, DbConnectionInternal oldConnection, DbConnectionInternal& connection) at
    System.Data.ProviderBase.DbConnectionInternal.TryOpenConnectionInternal(DbConnection outerConnection, DbConnectionFactory connectionFactory, TaskCompletionSource`1 retry, DbConnectionOptions userOptions) at
    System.Data.SqlClient.SqlConnection.TryOpenInner(TaskCompletionSource`1 retry) at
    System.Data.SqlClient.SqlConnection.TryOpen(TaskCompletionSource`1 retry) at System.Data.SqlClient.SqlConnection.Open() at
    KPMVCWebAPIs.Database.AdventureWorksDAL.SelectAllPersons() in
    C:\Projects\KPWebProjects\KPWebProjects\KPMVCWebAPIs\Database\AdventureWorks.cs:line 79 at
    KPMVCWebAPIs.Controllers.PersonsController.Get() in
    C:\Projects\KPWebProjects\KPWebProjects\KPMVCWebAPIs\Controllers\PersonsController.cs:line 32 at lambda_method(Closure , Object , Object[] ) at
    System.Web.Http.Controllers.ReflectedHttpActionDescriptor.ActionExecutor.<>c__DisplayClass10.<GetExecutor>b__9(Object instance, Object[] methodParameters) at System.Web.Http.Controllers.ReflectedHttpActionDescriptor.ExecuteAsync(HttpControllerContext controllerContext, IDictionary`2 arguments, CancellationToken cancellationToken) --- End of stack trace from previous location where exception was thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at
    System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at
    System.Web.Http.Controllers.ApiControllerActionInvoker.<InvokeActionAsyncCore>d__0.MoveNext() --- End of stack trace from previous location where exception was thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at
    System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at
    System.Web.Http.Controllers.ActionFilterResult.<ExecuteAsync>d__2.MoveNext() --- End of stack trace from previous location where exception was thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at
    System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at
    System.Web.Http.Dispatcher.HttpControllerDispatcher.<SendAsync>d__1.MoveNext()</StackTrace>
  </Error>
```

- Default App Pools Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<Error><Message>An error has occurred.</Message><ExceptionMessage>Cannot open database "AdventureWorks2017" requested by the login. The login failed. Login failed for user 'IIS APPPOOL\DefaultAppPool'.</ExceptionMessage><ExceptionType>System.Data.SqlClient.SqlException</ExceptionType><StackTrace>
  at System.Data.SqlClient.SqlInternalConnectionTds..ctor(DbConnectionPoolIdentity identity, SqlConnectionString connectionOptions, SqlCredential credential, Object providerInfo, String newPassword, SecureString newSecurePassword, Boolean redirectedUserInstance, SqlConnectionString userConnectionString, SessionData reconnectSessionData, DbConnectionPool pool, String accessToken, Boolean applyTransientFaultHandling, SqlAuthenticationProviderManager sqlAuthProviderManager) at
  System.Data.SqlClient.SqlConnectionFactory.CreateConnection(DbConnectionOptions options, DbConnectionPoolKey poolKey, Object poolGroupProviderInfo, DbConnectionPool pool, DbConnection owningConnection, DbConnectionOptions userOptions) at
  System.Data.ProviderBase.DbConnectionFactory.CreatePooledConnection(DbConnectionPool pool, DbConnection owningObject, DbConnectionOptions options, DbConnectionPoolKey poolKey, DbConnectionOptions userOptions) at
  System.Data.ProviderBase.DbConnectionPool.CreateObject(DbConnection owningObject, DbConnectionOptions userOptions, DbConnectionInternal oldConnection) at System.Data.ProviderBase.DbConnectionPool.UserCreateRequest(DbConnection owningObject, DbConnectionOptions userOptions, DbConnectionInternal oldConnection) at
  System.Data.ProviderBase.DbConnectionPool.TryGetConnection(DbConnection owningObject, UInt32 waitForMultipleObjectsTimeout, Boolean allowCreate, Boolean onlyOneCheckConnection, DbConnectionOptions userOptions, DbConnectionInternal& connection) at
  System.Data.ProviderBase.DbConnectionPool.TryGetConnection(DbConnection owningObject, TaskCompletionSource`1 retry, DbConnectionOptions userOptions, DbConnectionInternal& connection) at
  System.Data.ProviderBase.DbConnectionFactory.TryGetConnection(DbConnection owningConnection, TaskCompletionSource`1 retry, DbConnectionOptions userOptions, DbConnectionInternal oldConnection, DbConnectionInternal& connection) at
  System.Data.ProviderBase.DbConnectionInternal.TryOpenConnectionInternal(DbConnection outerConnection, DbConnectionFactory connectionFactory, TaskCompletionSource`1 retry, DbConnectionOptions userOptions) at
  System.Data.SqlClient.SqlConnection.TryOpenInner(TaskCompletionSource`1 retry) at
  System.Data.SqlClient.SqlConnection.TryOpen(TaskCompletionSource`1 retry) at System.Data.SqlClient.SqlConnection.Open() at
  KPMVCWebAPIs.Database.AdventureWorksDAL.SelectAllPersons() in
  C:\Projects\KPWebProjects\KPWebProjects\KPMVCWebAPIs\Database\AdventureWorks.cs:line 79 at
  KPMVCWebAPIs.Controllers.PersonsController.Get() in
  C:\Projects\KPWebProjects\KPWebProjects\KPMVCWebAPIs\Controllers\PersonsController.cs:line 32 at lambda_method(Closure , Object , Object[] ) at
  System.Web.Http.Controllers.ReflectedHttpActionDescriptor.ActionExecutor.<>c__DisplayClass10.<GetExecutor>b__9(Object instance, Object[] methodParameters) at System.Web.Http.Controllers.ReflectedHttpActionDescriptor.ExecuteAsync(HttpControllerContext controllerContext, IDictionary`2 arguments, CancellationToken cancellationToken) --- End of stack trace from previous location where exception was thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at
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  System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at
  System.Web.Http.Dispatcher.HttpControllerDispatcher.<SendAsync>d__1.MoveNext()</StackTrace>
</Error>
```

```
System.Data.SqlClient.SqlConnectionFactory.CreateConnection(DbConnectionOptions options, DbConnectionPoolKey poolKey, Object
poolGroupProviderInfo, DbConnectionPool pool, DbConnection owningConnection, DbConnectionOptions userOptions) at
System.Data.ProviderBase.DbConnectionFactory.CreatePooledConnection(DbConnectionPool pool, DbConnection owningObject, DbConnectionOptions
options, DbConnectionPoolKey poolKey, DbConnectionOptions userOptions) at
System.Data.ProviderBase.DbConnectionPool.CreateObject(DbConnection owningObject, DbConnectionOptions userOptions, DbConnectionInternal
oldConnection) at System.Data.ProviderBase.DbConnectionPool.UserCreateRequest(DbConnection owningObject, DbConnectionOptions userOptions,
DbConnectionInternal oldConnection) at System.Data.ProviderBase.DbConnectionPool.TryGetConnection(DbConnection owningObject, UInt32
waitForMultipleObjectsTimeout, Boolean allowCreate, Boolean onlyOneCheckConnection, DbConnectionOptions userOptions, DbConnectionInternal&
connection) at System.Data.ProviderBase.DbConnectionPool.TryGetConnection(DbConnection owningObject, TaskCompletionSource`1 retry,
DbConnectionOptions userOptions, DbConnectionInternal& connection) at
System.Data.ProviderBase.DbConnectionFactory.TryGetConnection(DbConnection owningConnection, TaskCompletionSource`1 retry,
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System.Data.ProviderBase.DbConnectionInternal.TryOpenConnectionInternal(DbConnection outerConnection, DbConnectionFactory
connectionFactory, TaskCompletionSource`1 retry, DbConnectionOptions userOptions) at
System.Data.SqlClient.SqlConnection.TryOpenInner(TaskCompletionSource`1 retry) at
System.Data.SqlClient.SqlConnection.TryOpen(TaskCompletionSource`1 retry) at System.Data.SqlClient.SqlConnection.Open() at
KPMVCWebAPIs.Database.AdventureWorksDAL.SelectAllPersons() in C:\Projects\KPWebProjects\KPWebProjects\KPMVCWebAPIs\Database
\AdventureWorks.cs:line 79 at KPMVCWebAPIs.Controllers.PersonsController.Get() in C:\Projects\KPWebProjects\KPWebProjects\KPMVCWebAPIs
\Controllers\PersonsController.cs:line 32 at lambda_method(Closure , Object , Object[] ) at
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thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at
System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at
System.Web.Http.Dispatcher.HttpControllerDispatcher.<SendAsync>d__1.MoveNext()</StackTrace>
```

Fixing Default App Pool Errors :

- Open IIS Manager by typing the command in the run console -> inetmgr
- IIS Manager -> Application Pools

Internet Information Services (IIS) Manager

SITA > Application Pools

File View Help

Connections

SITA (SITA\admin)

Application Pools

Sites

Default Web Site

KPMVCWebAPIs

Application Pools

This page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, contain one or more applications, and provide isolation among different applications.

Filter: Show All Group by: No Grouping

Name	Status	.NET CLR Version	Managed Pipeline Mode	Identity	Applications
.NET v2.0	Started	v2.0	Integrated	ApplicationPoolIdentity	0
.NET v2.0 Classic	Started	v2.0	Classic	ApplicationPoolIdentity	0
.NET v4.5	Started	v4.0	Integrated	ApplicationPoolIdentity	0
.NET v4.5 Classic	Started	v4.0	Classic	ApplicationPoolIdentity	0
Classic .NET AppPool	Started	v2.0	Classic	ApplicationPoolIdentity	0
Default Web Site	Started	v4.0	Integrated	admin	2
DefaultAppPool	Started	v4.0	Integrated	ApplicationPoolIdentity	1
KPMVCWebAPIs	Started	v4.0	Integrated	ApplicationPoolIdentity	0

Features View Content View

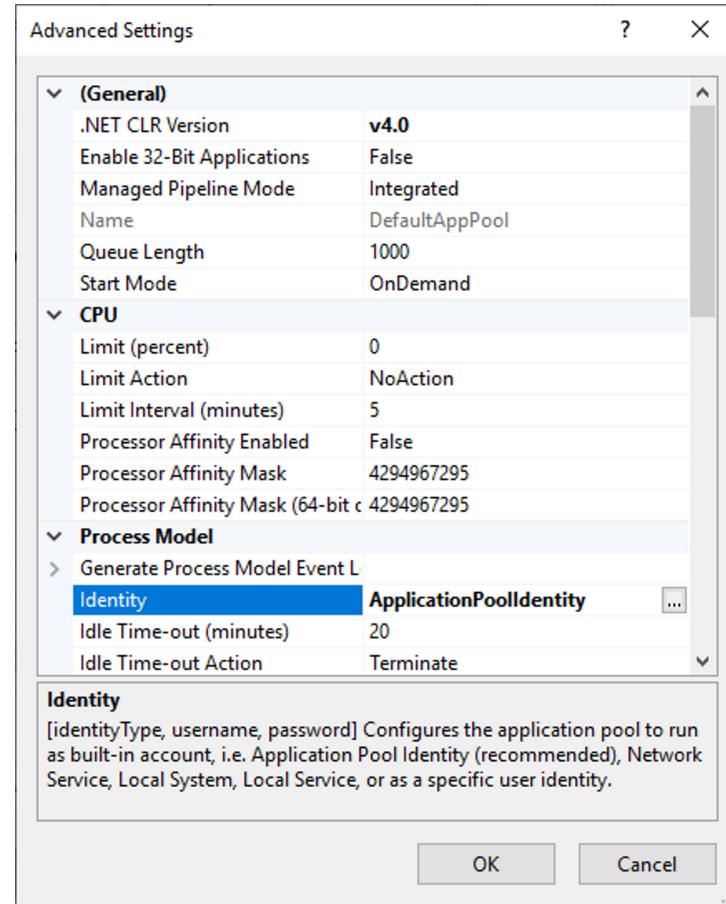
Actions

- Add Application Pool...
- Set Application Pool Defaults...
- Application Pool Tasks
 - Start
 - Stop
 - Recycle...
- Edit Application Pool
 - Basic Settings...
 - Recycling...
 - Advanced Settings...
 - Rename
- Remove
- View Applications
- Help

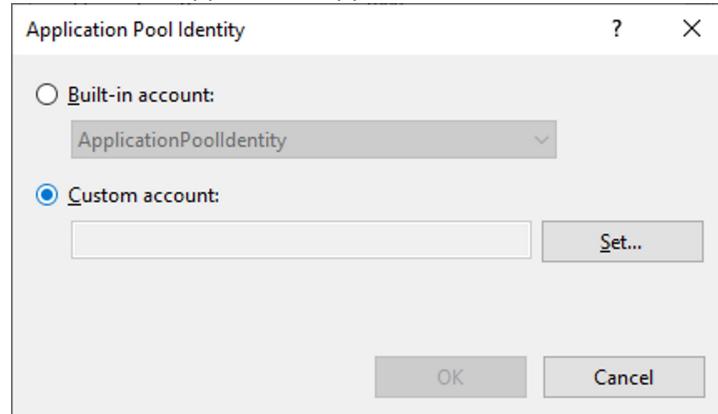
Ready

The screenshot shows the IIS Manager interface with the 'Application Pools' list. The 'DefaultAppPool' is selected, highlighted with a blue border. The 'Actions' pane on the right provides options like Start, Stop, Recycle, and Edit Application Pool for the selected pool.

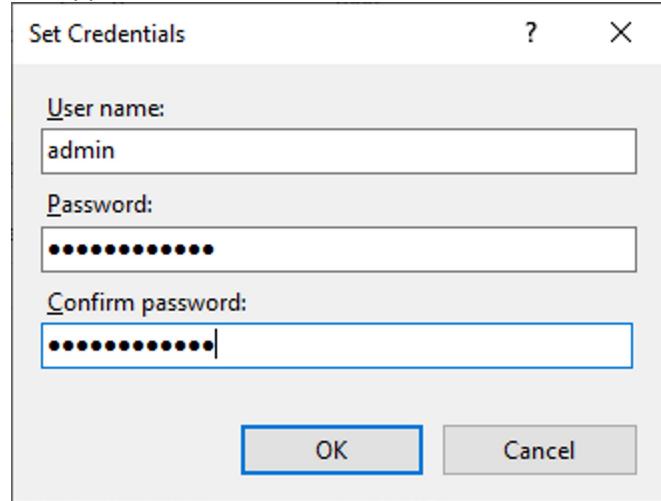
- Click 'DefaultAppPool' -> Advance Settings



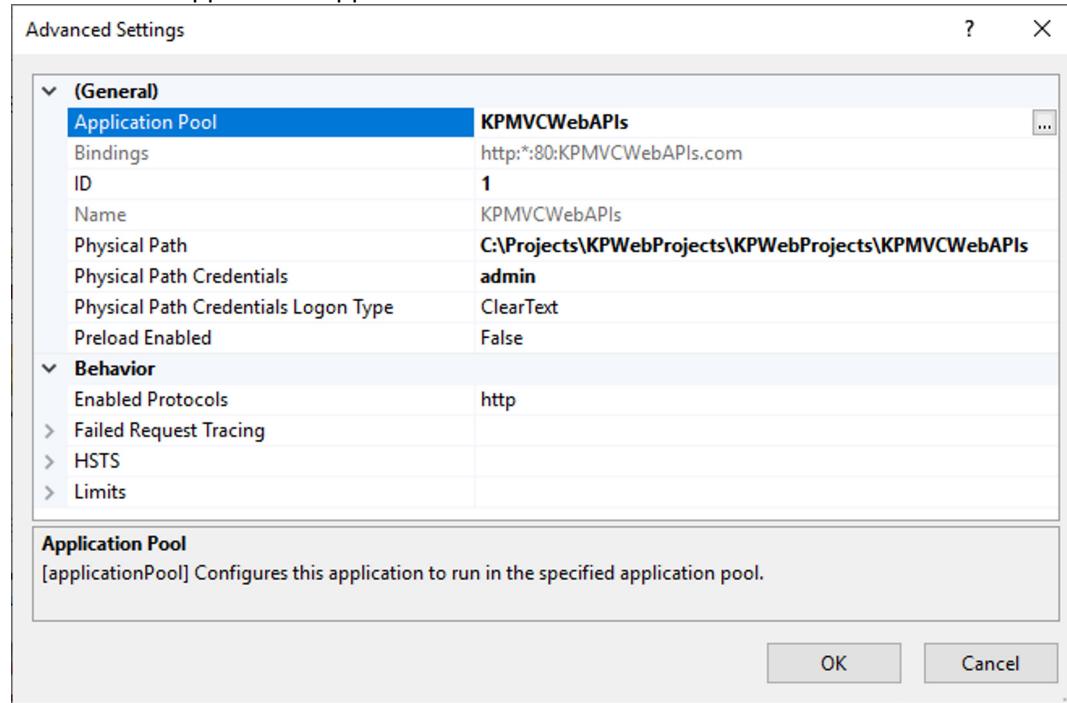
- Click 'DefaultAppPool -> Advance Settings -> Identity' to set the 'AppPoolIdentity' . (or) Create a new App Pool
 - Create a new App Pool -> Application Pool -> KPMVCWebAPIs



- Set Application Pool Credentials : Admin (or) Service Account Credentials can be set



- Create a new App Pool -> Application Pool -> KPMVCWebAPIs



- Finally check if the either the 'DefaultAppPool' (or) newly created Application Pool 'KPMVCWebAPIs' has 'admin' (or) Service Account Credentials

The screenshot shows the 'Application Pools' section of the IIS Manager. The left sidebar shows a tree view with 'SITA (SITA\admin)' expanded, revealing 'Application Pools' and 'Sites'. Under 'Application Pools', 'Default Web Site' and 'KPMVCWebAPIs' are listed. The 'KPMVCWebAPIs' pool is selected, highlighted with a blue border. The main pane displays a table of application pools with the following data:

Name	Status	.NET CLR Version	Managed Pipeline Mode	Identity	Applications
.NET v2.0	Started	v2.0	Integrated	ApplicationPoolIdentity	0
.NET v2.0 Classic	Started	v2.0	Classic	ApplicationPoolIdentity	0
.NET v4.5	Started	v4.0	Integrated	ApplicationPoolIdentity	0
.NET v4.5 Classic	Started	v4.0	Classic	ApplicationPoolIdentity	0
Classic .NET AppPool	Started	v2.0	Classic	ApplicationPoolIdentity	0
Default Web Site	Started	v4.0	Integrated	LocalSystem	2
DefaultAppPool	Started	v4.0	Integrated	ApplicationPoolIdentity	0
KPMVCWebAPIs	Started	v4.0	Integrated	admin	1

The right sidebar contains an 'Actions' panel with options like 'Add Application Pool...', 'Edit Application Pool...', and 'Remove'. The 'Edit Application Pool...' option is currently selected.

- Now launch the Web Site & Web APIs using the following URLs (or) URIs
- <http://localhost/KPMVCWebAPIs>

The screenshot shows a Microsoft Edge browser window with the title bar "Home Page". The address bar displays "localhost/KPMVCWebAPIs". The page content is a landing page for ASP.NET, featuring a large "ASP.NET" logo and a brief description: "ASP.NET is a free web framework for building great Web sites and Web applications using HTML, CSS, and JavaScript." Below this is a blue "Learn more »" button. The page then branches into three main sections: "Getting started", "Get more libraries", and "Web Hosting", each with its own description and a "Learn more »" button. At the bottom, there is a copyright notice "© 2019 - My ASP.NET Application".

Home Page

localhost/KPMVCWebAPIs

KPWebAngProjects Home API AngJS AngJS-Areas

ASP.NET

ASP.NET is a free web framework for building great Web sites and Web applications using HTML, CSS, and JavaScript.

[Learn more »](#)

Getting started

ASP.NET Web API is a framework that makes it easy to build HTTP services that reach a broad range of clients, including browsers and mobile devices. ASP.NET Web API is an ideal platform for building RESTful applications on the .NET Framework.

[Learn more »](#)

Get more libraries

NuGet is a free Visual Studio extension that makes it easy to add, remove, and update libraries and tools in Visual Studio projects.

[Learn more »](#)

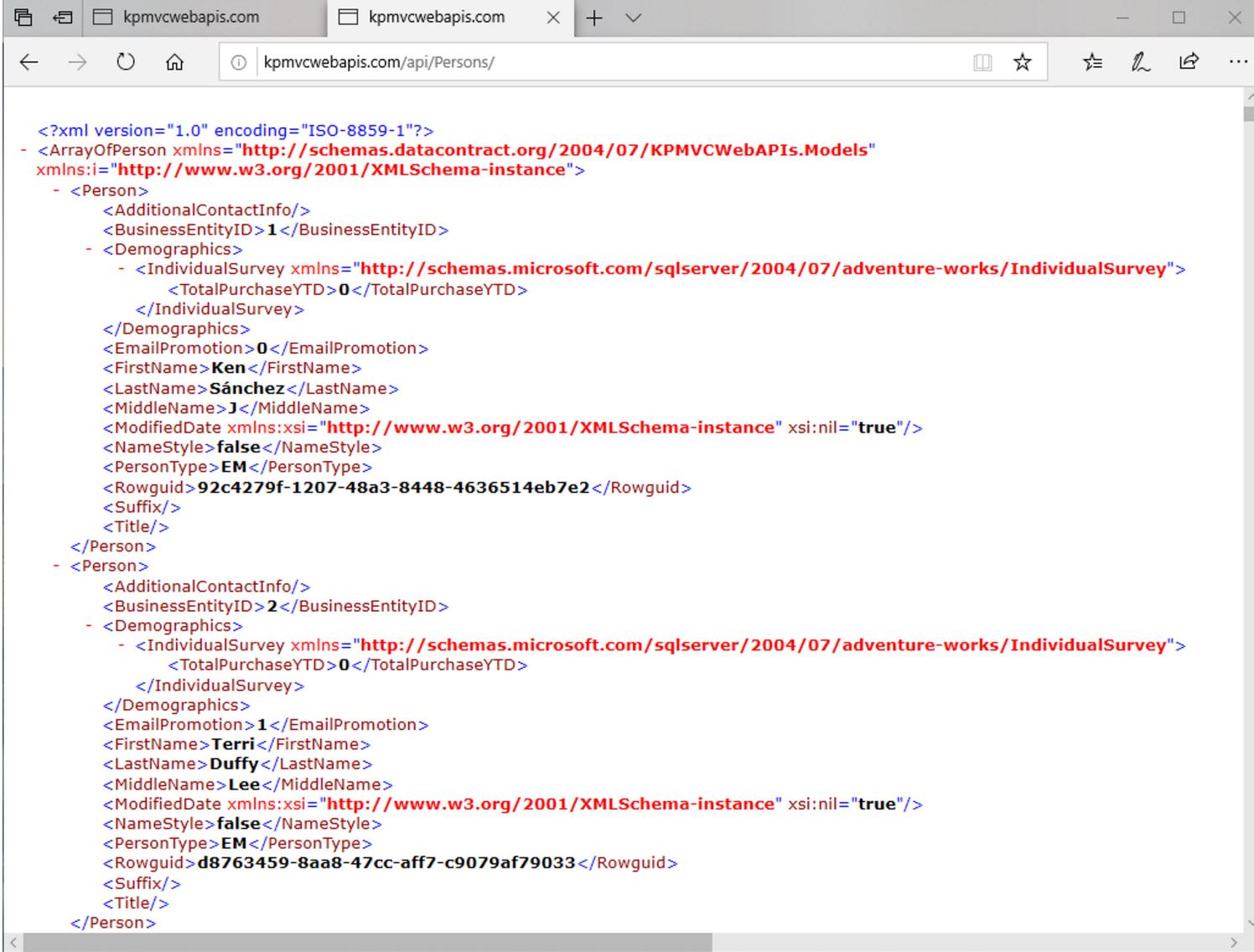
Web Hosting

You can easily find a web hosting company that offers the right mix of features and price for your applications.

[Learn more »](#)

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- <http://localhost/KPMVCWebAPIs/api/Persons/>

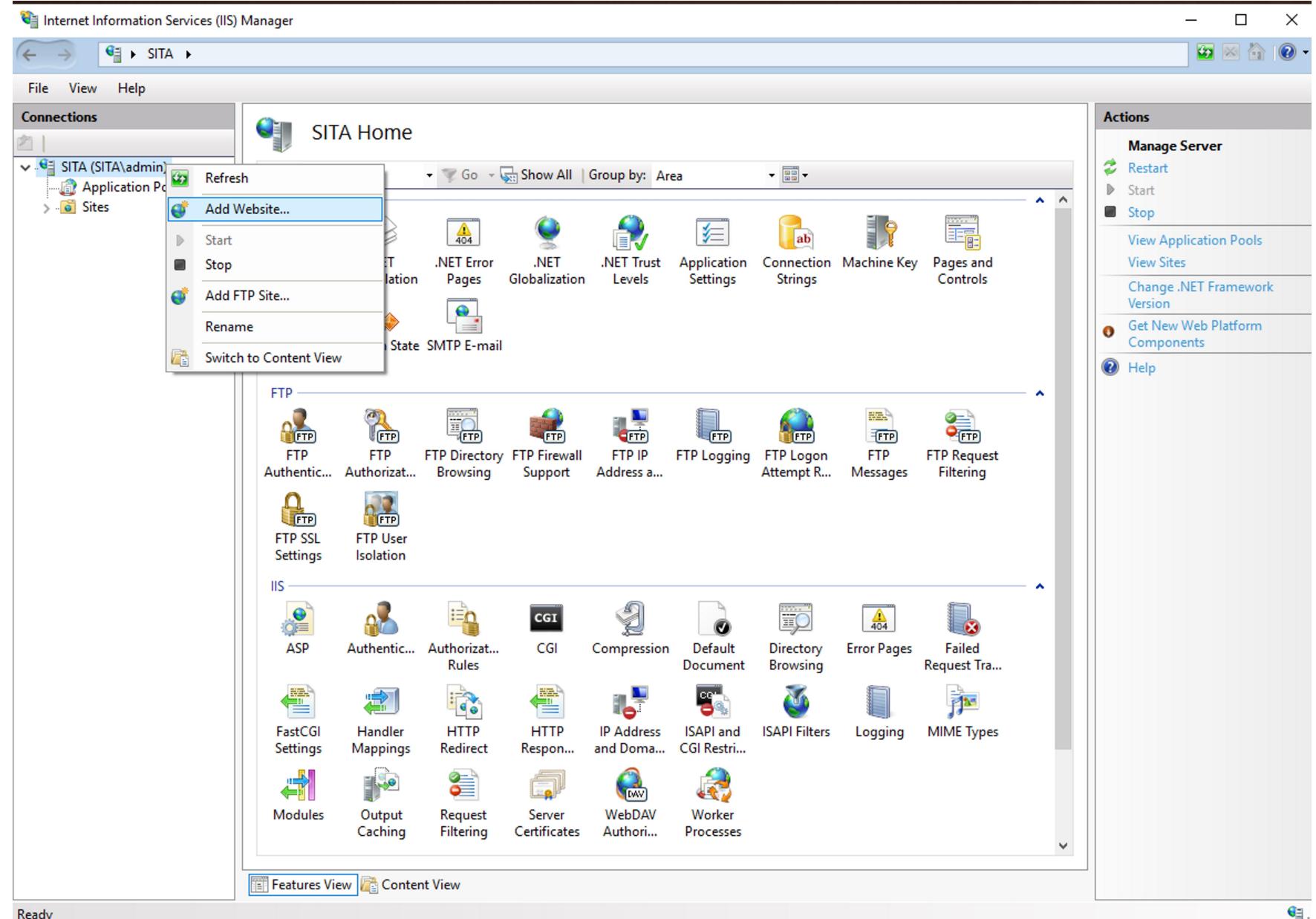


The screenshot shows a Microsoft Edge browser window with the URL `kpmvcwebapis.com/api/Persons/`. The page displays an XML document representing a collection of persons. The XML structure includes elements like Person, Demographics, IndividualSurvey, and various personal details such as FirstName, LastName, MiddleName, and EmailPromotion. The XML uses namespaces for schema definitions and includes xsi:nil="true" for certain fields.

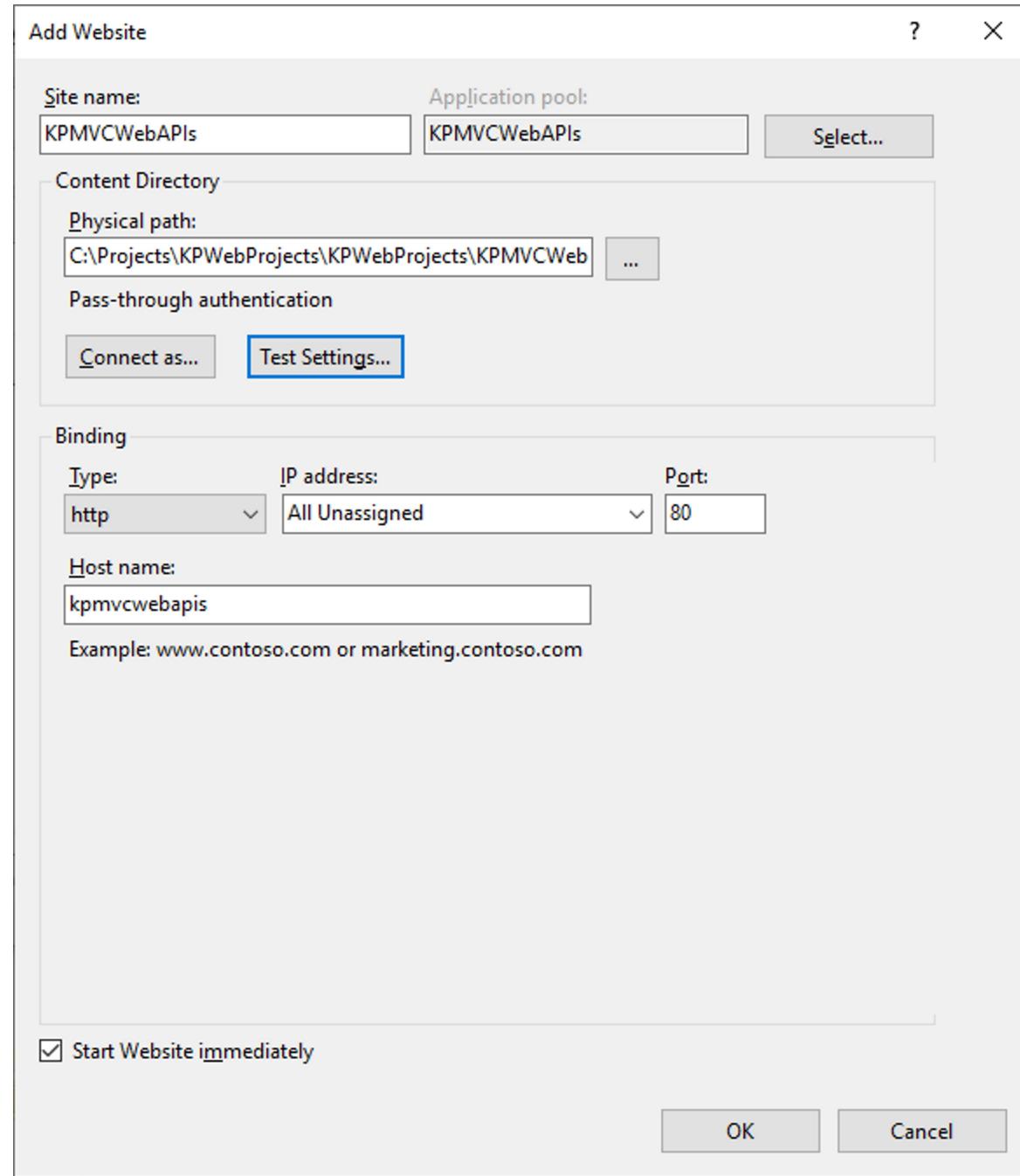
```
<?xml version="1.0" encoding="ISO-8859-1"?>
- <ArrayOfPerson xmlns="http://schemas.datacontract.org/2004/07/KPMVCWebAPIs.Models"
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  - <Person>
    <AdditionalContactInfo/>
    <BusinessEntityID>1</BusinessEntityID>
    - <Demographics>
      - <IndividualSurvey xmlns="http://schemas.microsoft.com/sqlserver/2004/07/adventure-works/IndividualSurvey">
        <TotalPurchaseYTD>0</TotalPurchaseYTD>
      </IndividualSurvey>
    </Demographics>
    <EmailPromotion>0</EmailPromotion>
    <FirstName>Ken</FirstName>
    <LastName>Sánchez</LastName>
    <MiddleName>J</MiddleName>
    <ModifiedDate xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:nil="true"/>
    <NameStyle>false</NameStyle>
    <PersonType>EM</PersonType>
    <Rowguid>92c4279f-1207-48a3-8448-4636514eb7e2</Rowguid>
    <Suffix/>
    <Title/>
  </Person>
  - <Person>
    <AdditionalContactInfo/>
    <BusinessEntityID>2</BusinessEntityID>
    - <Demographics>
      - <IndividualSurvey xmlns="http://schemas.microsoft.com/sqlserver/2004/07/adventure-works/IndividualSurvey">
        <TotalPurchaseYTD>0</TotalPurchaseYTD>
      </IndividualSurvey>
    </Demographics>
    <EmailPromotion>1</EmailPromotion>
    <FirstName>Terri</FirstName>
    <LastName>Duffy</LastName>
    <MiddleName>Lee</MiddleName>
    <ModifiedDate xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:nil="true"/>
    <NameStyle>false</NameStyle>
    <PersonType>EM</PersonType>
    <Rowguid>d8763459-8aa8-47cc-aff7-c9079af79033</Rowguid>
    <Suffix/>
    <Title/>
  </Person>
</ArrayOfPerson>
```

Virtual Directory :

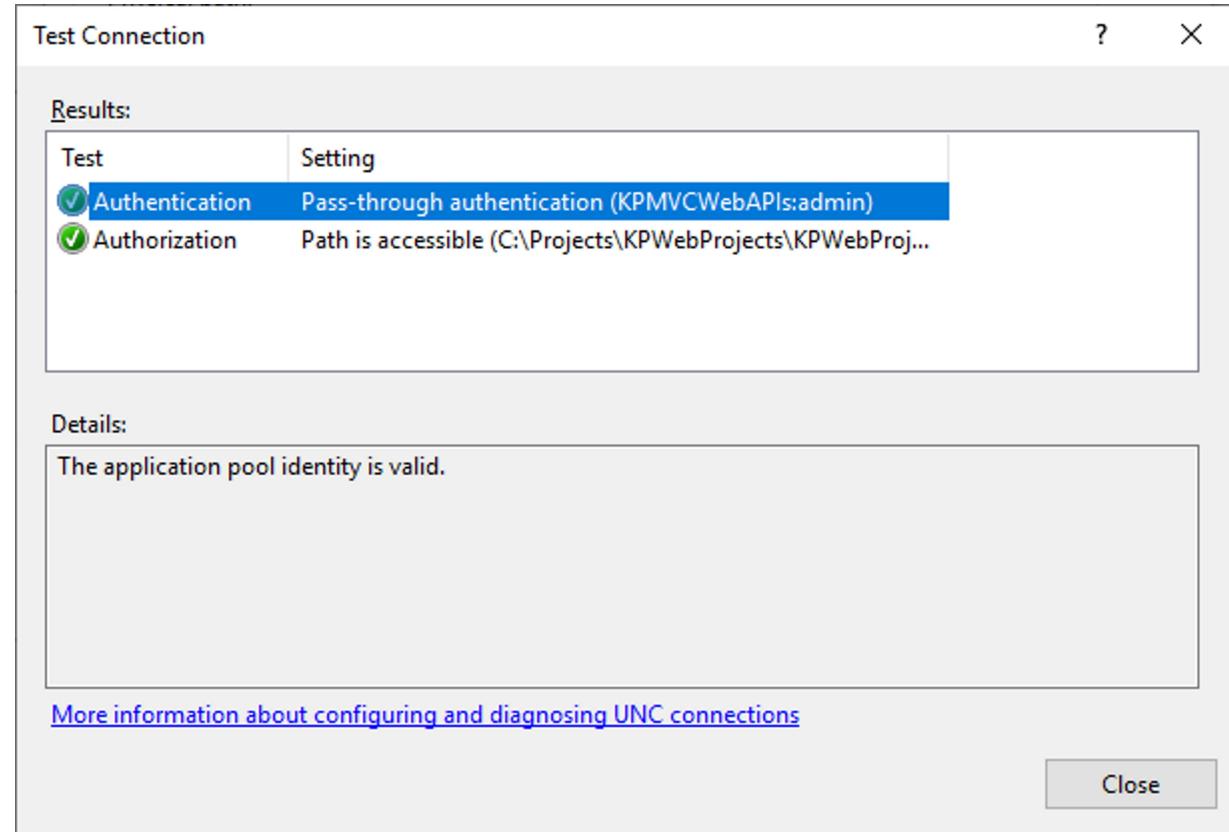
- Creating a Virtual Directory on IIS for publishing the Web-Site involves of the following steps.
- Open IIS Manager by typing the command in the run console -> `inetmgr`
- IIS Manager -> Sites -> Add Website...



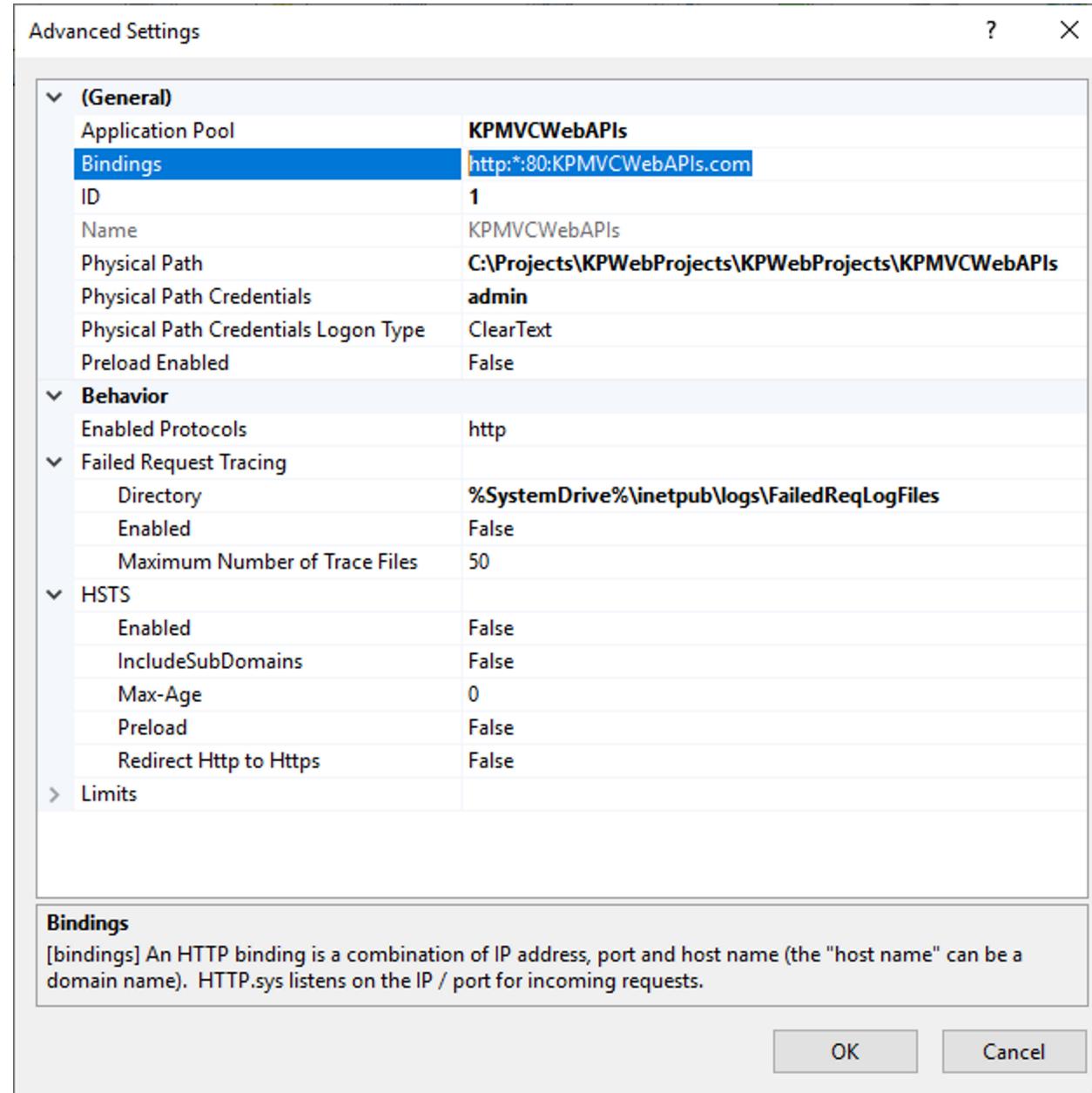
- Add Website



- After entering the "AppPool Settings" Test Settings...



- Ensure both "**Authentication & Authorization**" fields are Green.
- Check the Bindings

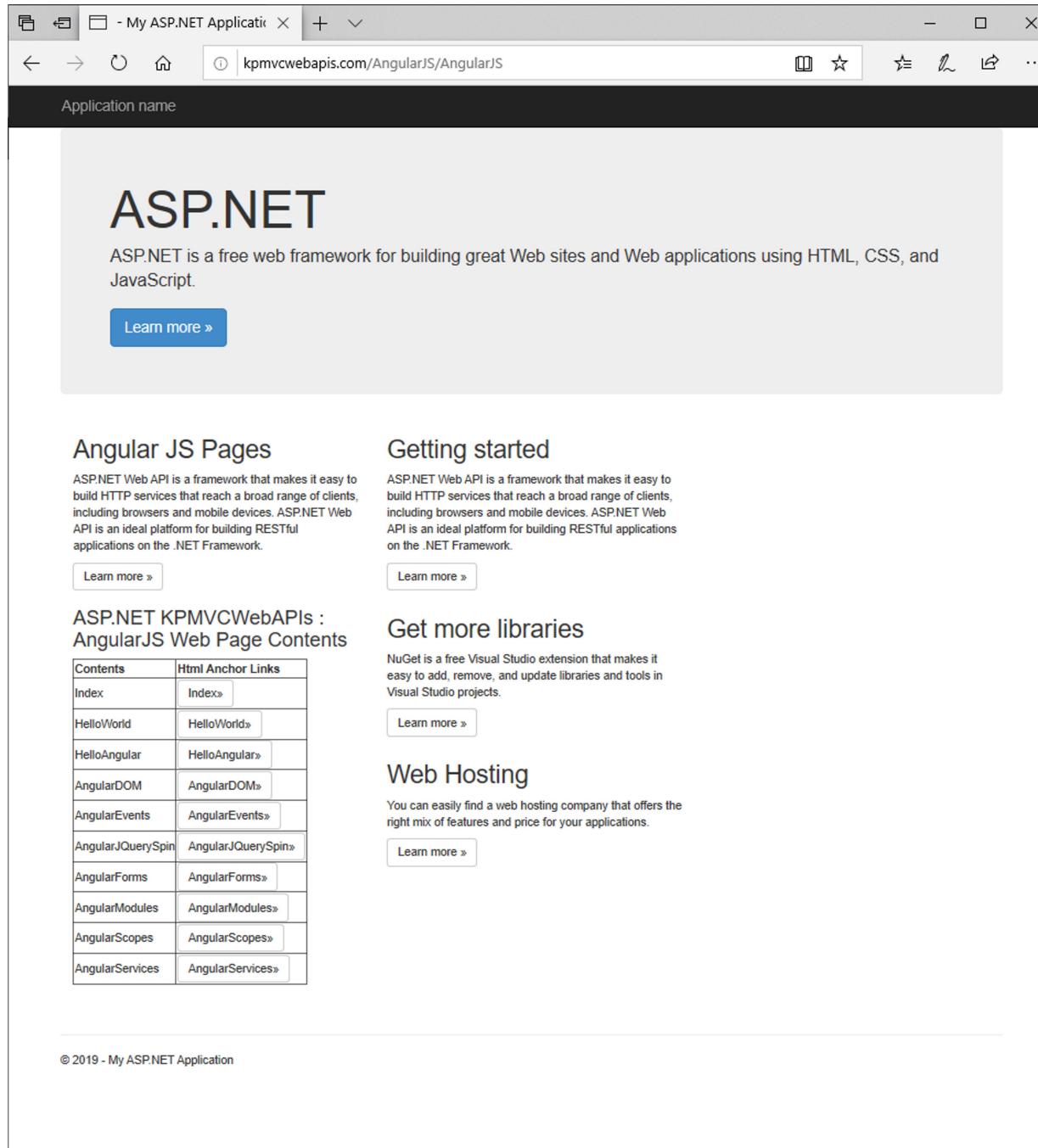


Web Site & Web APIs:

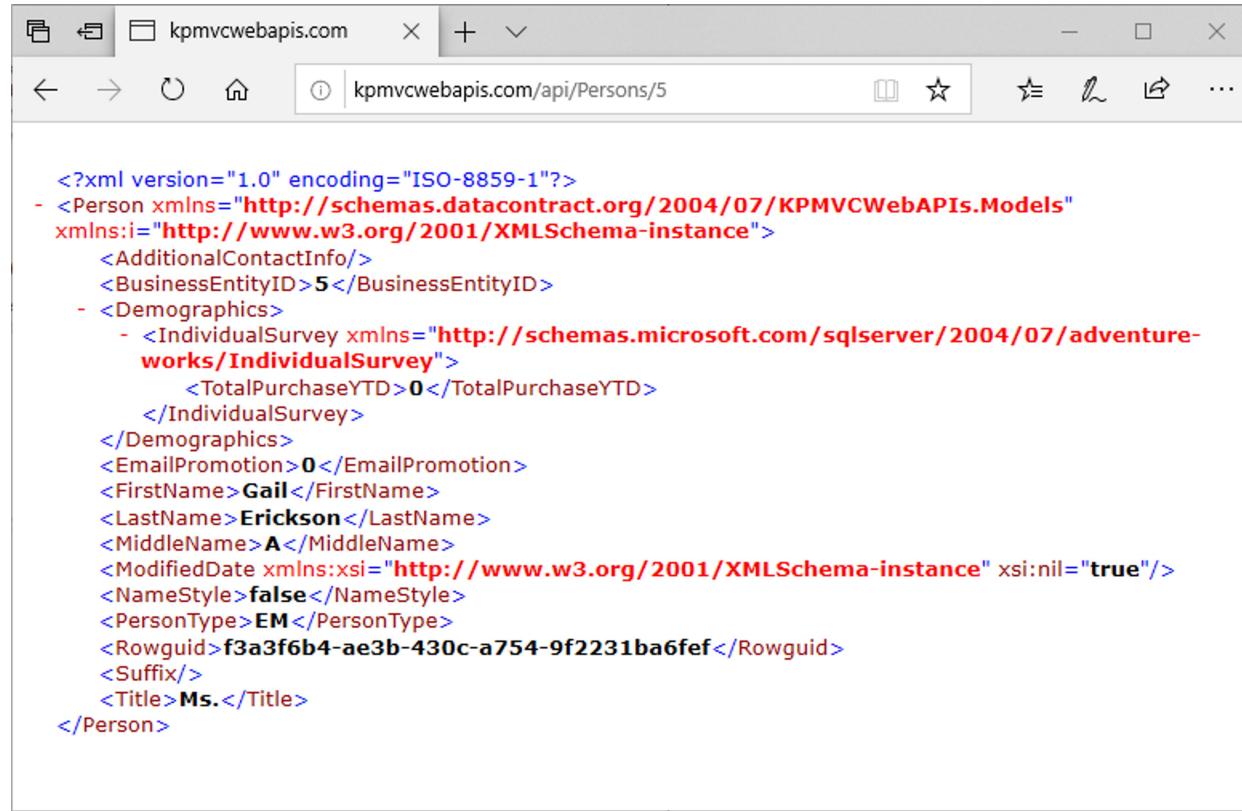
- Start the Web-Site : <http://kpmvcwebapis.com/>

A screenshot of a web browser window displaying the ASP.NET homepage. The URL in the address bar is <http://kpmvcwebapis.com>. The browser interface includes a search bar, a star icon, and several extension icons. The bookmarks bar at the top contains links to 'Apps', 'ShopRite-DEP-UAT', 'ShopRite', 'Angular JavaScript...', 'Angular - Tutorial...', and 'Other bookmarks'. The main content area features a large 'ASP.NET' logo, a brief description of the framework, and a 'Learn more »' button. Below this, there are three sections: 'Getting started', 'Get more libraries', and 'Web Hosting', each with its own description and a 'Learn more »' button. At the bottom of the page, there is a copyright notice: '© 2019 - My ASP.NET Application'.

- KPWebAPIs : AngularJS : <http://kpmvcwebapis.com/AngularJS/AngularJS>



- <http://localhost/KPMVCWebAPIs/api/Persons/5>



The screenshot shows a Microsoft Edge browser window with the following details:

- Title Bar:** kpmvcwebapis.com
- Address Bar:** kpmvcwebapis.com/api/Persons/5
- Content Area:** Displays an XML document representing a person's profile. The XML is color-coded with red for namespaces and blue for element names.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
- <Person xmlns="http://schemas.datacontract.org/2004/07/KPMVCWebAPIs.Models"
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
  <AdditionalContactInfo/>
  <BusinessEntityID>5</BusinessEntityID>
  - <Demographics>
    - <IndividualSurvey xmlns="http://schemas.microsoft.com/sqlserver/2004/07/adventure-
      works/IndividualSurvey">
        <TotalPurchaseYTD>0</TotalPurchaseYTD>
      </IndividualSurvey>
    </Demographics>
    <EmailPromotion>0</EmailPromotion>
    <FirstName>Gail</FirstName>
    <LastName>Erickson</LastName>
    <MiddleName>A</MiddleName>
    <ModifiedDate xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:nil="true"/>
    <NameStyle>false</NameStyle>
    <PersonType>EM</PersonType>
    <Rowguid>f3a3f6b4-ae3b-430c-a754-9f2231ba6fef</Rowguid>
    <Suffix/>
    <Title>Ms.</Title>
  </Person>
```