

## API Installation Guide


Palladium API is used to link the Palladium Software database with Magento Store, WooCommerce Store and Palladium Mobile applications. Basically, it is used to handle the data send and receive request and provide appropriate acknowledgement to sender or receiver. It handles all kinds of requests like sync operation of Inventory, Pricelists, customers etc, sales document creation and many more. It handles every request sent to and from API.

### Pre-requisites

- IIS Version 8.0 and Above
- Microsoft SQL Server name with Port ID
- Microsoft SQL User and Password
- Static live IP or Domain name (It is used to access the API through Web Store or Mobile App)
- Admin access rights

### Setup Process

1. Download API source from the link on the palladium.co.za/download-centre website under the Mobile tab.
2. Create folder on C: drive and extract the downloaded zip in the folder.
3. Open web.config file in notepad and update highlighted details as below.



```
Web.config - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8"?>
<!--
  For more information on how to configure your ASP.NET application, please visit
  http://go.microsoft.com/fwlink/?LinkId=301879
-->
<configuration>
  <appSettings>
    <add key="DBUserID" value="sa" />
    <add key="DBPassword" value="tatva123" />
    <add key="DBServer" value="PCA187\SQL2017" />
    <add key="DBName" value="palddbSampleEnterprise" />
    <add key="log_save" value="+false" />
    <add key="webpages:Version" value="3.0.0.0" />
    <add key="webpages:Enabled" value="false" />
    <add key="ClientValidationEnabled" value="true" />
    <add key="UnobtrusiveJavaScriptEnabled" value="true" />
    <add key="FBNotificationURL" value="https://fcm.googleapis.com/fcm/send" />
    <add key="FBAppID" value="AAAA1N-5DJo:APA91bHPwonX0oxW-wGC6_v5jQcZ_dMyC4JPLdf1avj6oxnpz6nqxAl05oEC8XRsa9uRVQHImpAR4L46jA0P1ot6EXUiso5vPt" />
  </appSettings>
  <system.web>
    <compilation debug="true" targetFramework="4.5" />
    <httpRuntime targetFramework="4.5" requestPathInvalidCharacters="" maxRequestLength="2147483647" />
  </system.web>
</configuration>
```

**DBUserID:** Replace its value from **sa** to SQL User name.

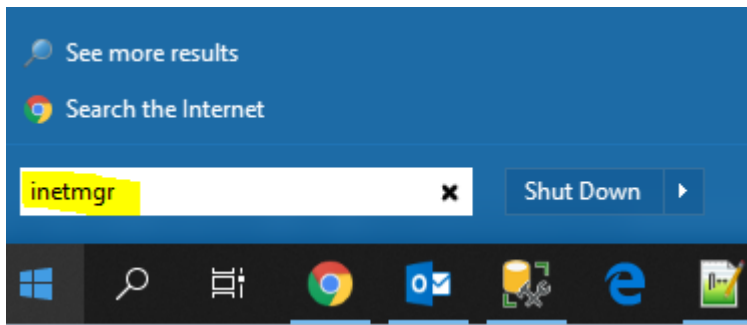
**DBPassword:** Replace its value from **tatva123** to SQL User Password.

**DBServer:** Replace its value from **PCA187\SQL2017** to SQL Server Name.

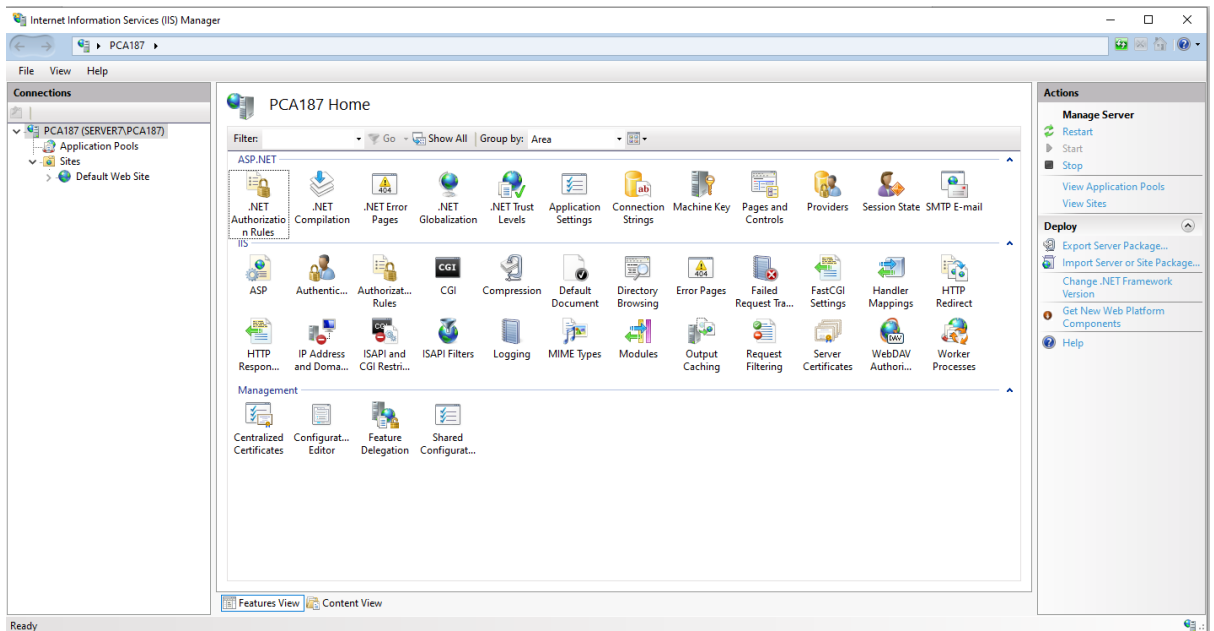
**DBName:** Replace its value from **palddbSampleEnterprise** to Palladium Software database name which displayed on SQL. (It is mandatory for Web store)

**NB:** All above fields details are pre-requisites for API Deployment.

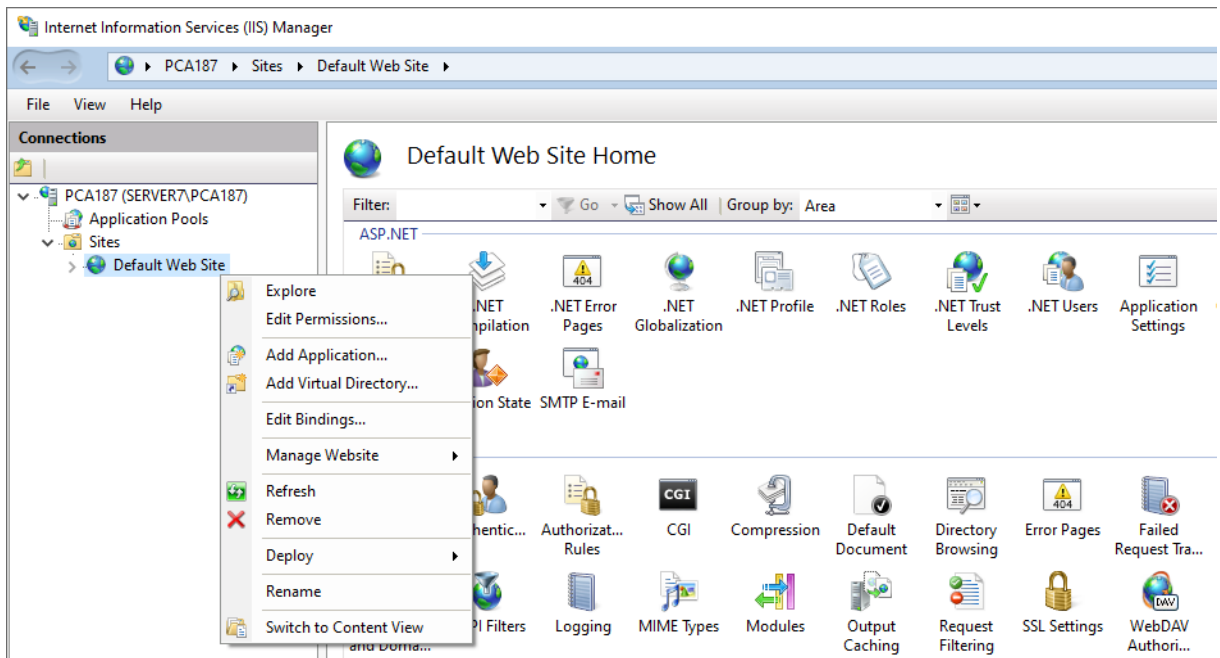
4. Once above completed with Points 1 to 3, then we need to configure it in IIS.
5. Go to windows search menu and type **inetmgr** and it will display as below and click program displaying under programs list.



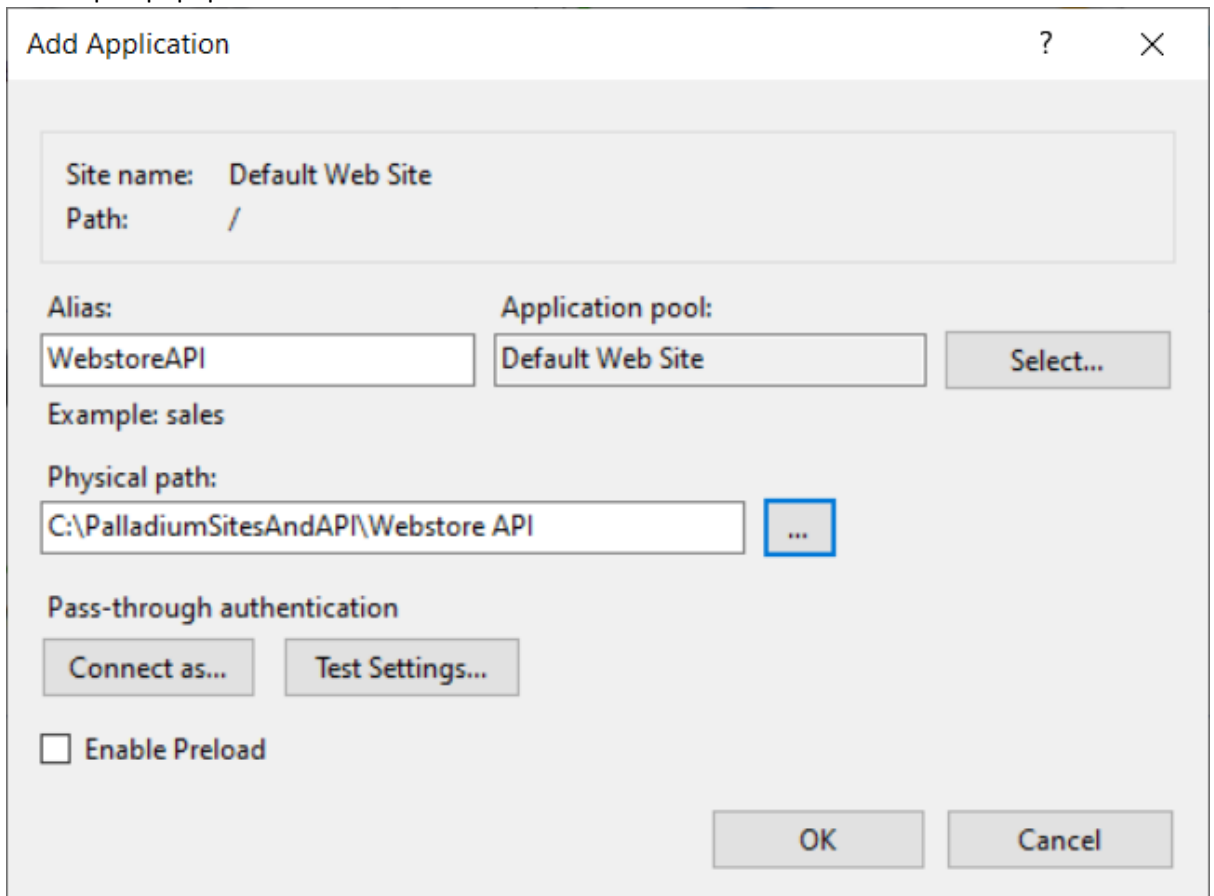
Once you click on program - **inetmgr**, it will open Internet Information Services (IIS) Manager as below.



6. Right click on Default website node and click on Add Application menu.



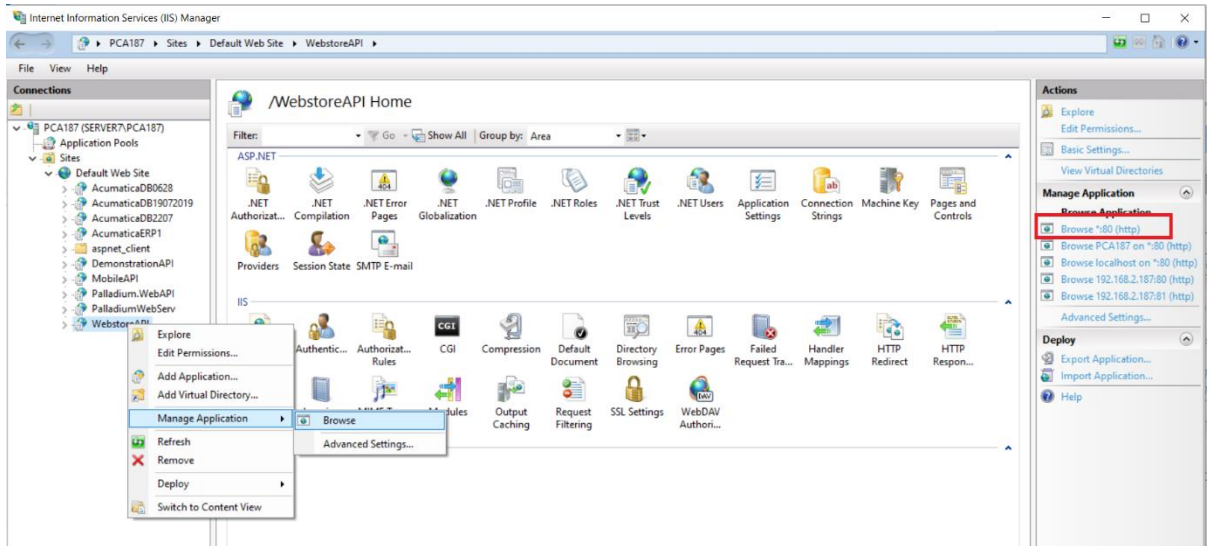
7. It will open popup window and add information as shown below and click on OK.



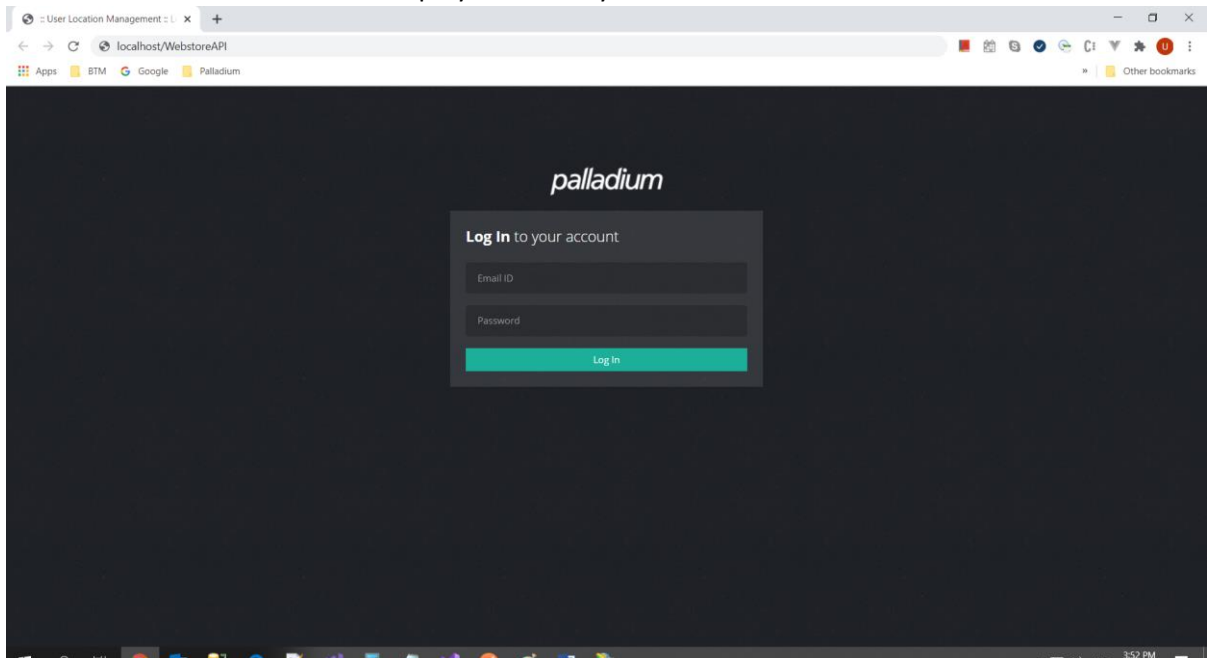
Alias: Alias name can be any without space. Here I added as MagentoAPI

Physical Path: Path should be the folder which we created on Step -2.

8. Once you finish with step-7, then it deployed API and will display as below. Now right click on API name->Mange Application -> browse (or Browse \*.80 (http)) to verify.



9. If below screen launch then API deployed correctly.



10. Now to get the actual API URL to access outside, we will suffix static live IP with URL as below.

URL shown in above screenshot: <http://localhost/WebstoreAPI>

Suppose static live IP for server is - 129.232.223.226, then URL looks as below.

URL with Live IP: <http://129.232.223.226/WebstoreAPI>

URL will work with Desktop mode only and for ADMIN who wants track the user real-time.

11. Now our goal is to get working API URL and should useful in Magento/WooCommerce and Mobile APK as well. So we just need to suffix keyword /API as below.

URL: <http://129.232.223.226/WebstoreAPI/API>

12. Finally, our API deployment done.

**NB:** API deployment process is equal for both Web Store and Mobile, only difference is to passing the Database Name mentioned in Step-3.