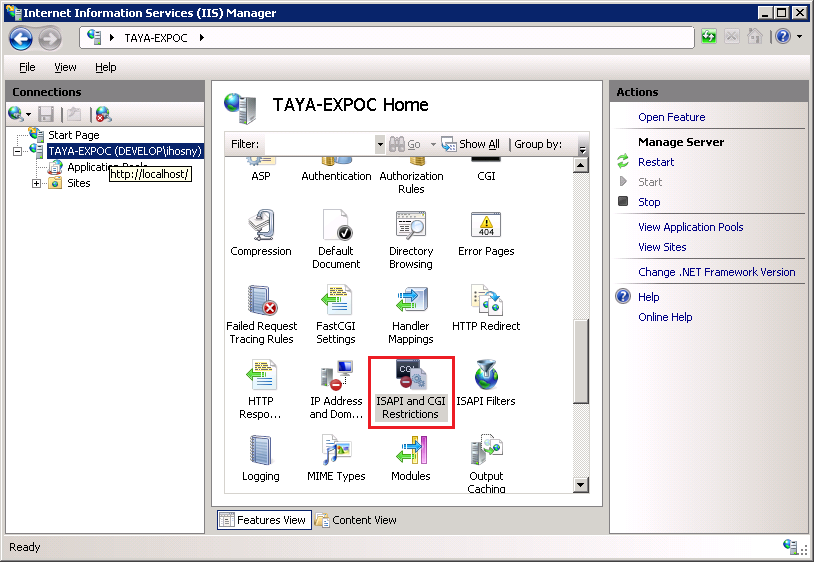
**KNA EMadbatah Application**

**Deployment Guide.**

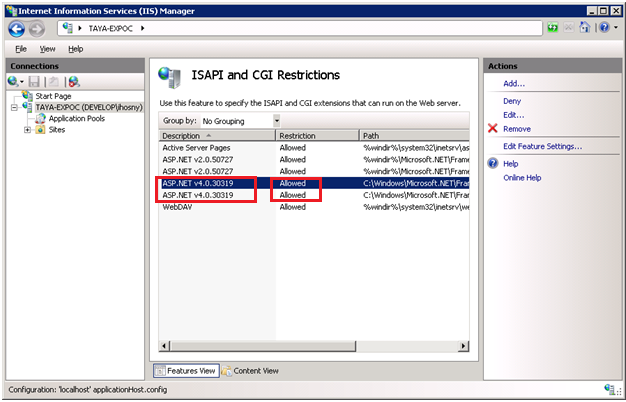
1. Pre-requisites:
2. Microsoft Windows Server 2008 R2.
3. SQL Server 2008.
4. IIS 7 Installed and running (full install).
5. ASP.Net 4.0 installed IIS <http://www.microsoft.com/download/en/details.aspx?id=17718>
6. Data connectivity components (64bit)

<http://www.microsoft.com/download/en/details.aspx?id=13255>

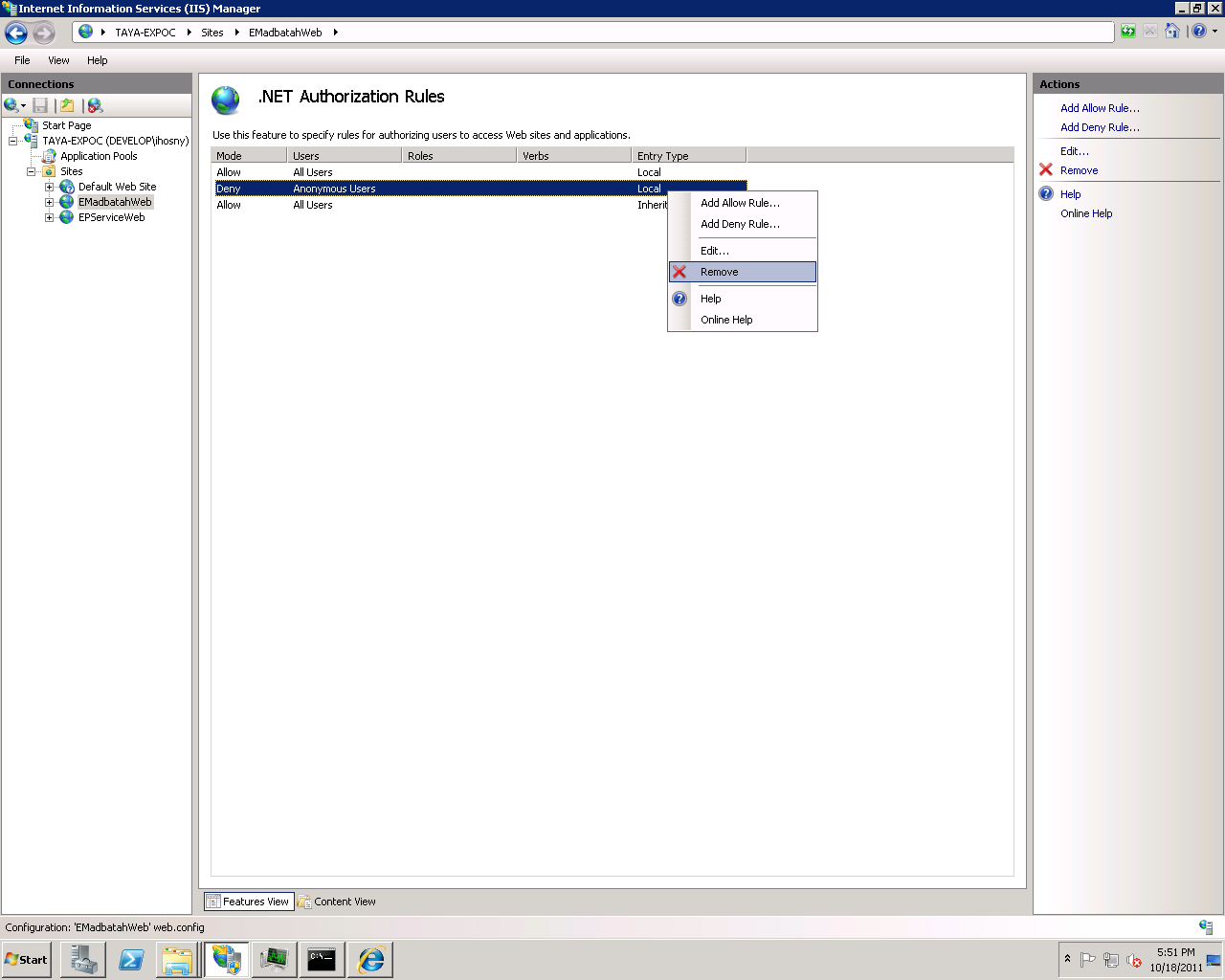
1. Microsoft Office Word 2007 Enterprise.
2. 2007 Microsoft Office Add-in: Microsoft Save as PDF or XPS <http://www.microsoft.com/download/en/details.aspx?id=7>
3. Install Open XML SDK <http://www.microsoft.com/download/en/details.aspx?id=5124>
4. Emadbatah working folders (D:\TayaWork):
   1. **Emadbatah** : “Website”
   2. **EmadbatahStaging:** “Website”
   3. **KNA-Homepage:** “Website”
   4. **DB backups.**
   5. **Emadbatah-Versions : “All deployed Emadbatah Versions”**
   6. **Last version: Zip folders for the 3 websites.**
5. Database.
6. Login to the database server instance that will hold the App database
7. Open the script file Emadbatah.sql and run it.
8. The database is ready. You can login with username is: test\_account and the password: test\_account1.
9. IIS.
   1. Make sure IIS is installed and running.
   2. ASP.NET Registration (If not registered you should do the following steps):
      1. Open your command prompt (Windows + R) and type cmd and press ENTER  
         you may need to start this as an administrator if you have UAC enabled.  
         To do so, locate the exe (usually you can start typing with Start Menu open), right click and select "Run as Administrator"
      2. Type cd C:\Windows\Microsoft.NET\Framework\v4.0.30319\ and press ENTER.
      3. Type aspnet\_regiis.exe -ir and press ENTER again.
      4. At this point you will see it begin working on installing .NET's framework in to IIS for you
      5. Close the DOS prompt
   3. Enable ASP.NET 4.0 in IIS
      1. Open IIS Manager
      2. Open ISAPI and CGI Restrictions



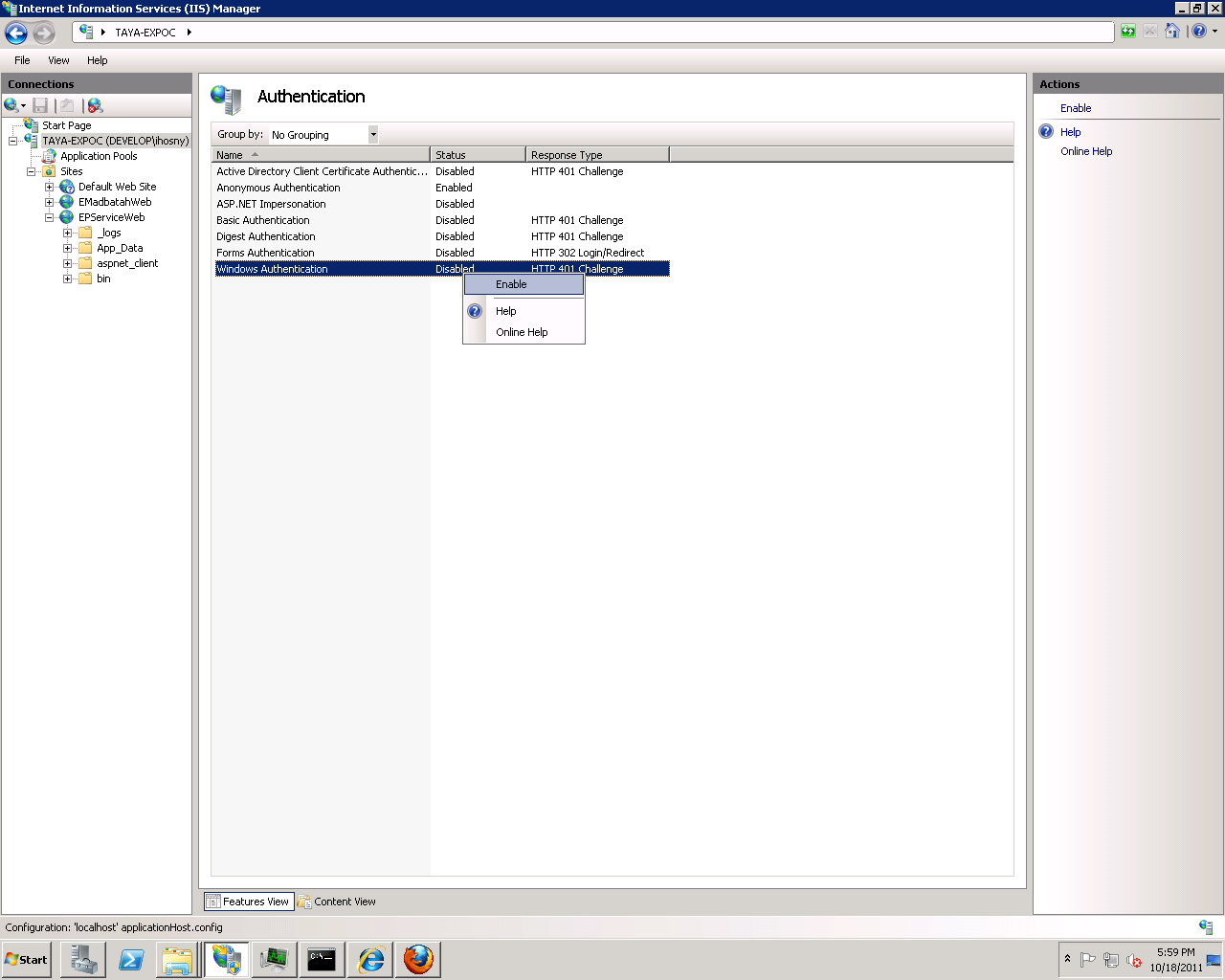
* + 1. Allow ASP.NET 4



* + 1. Security Configuration
       1. Select Website from left panel
       2. Open .NET Authorization rules
       3. Remove the deny rule of anonymous users as per the below screen



* + 1. Enable Windows Authentication
       1. Open IIS Manager.
       2. In **Features View**, double-click **Authentication**.
       3. On the **Authentication** page, select **Windows Authentication**.
       4. In the **Actions** pane, click **Enable** to use Windows authentication.



* 1. Create 2 folders in the path D:\TayaWork (or another suitable path)

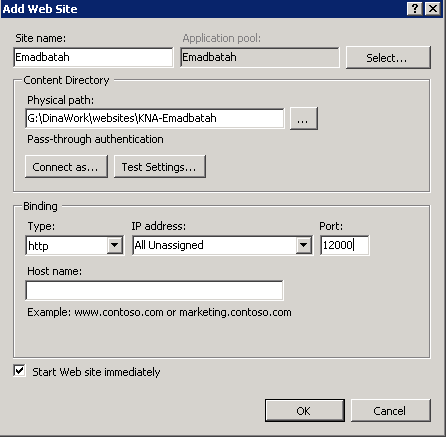
D:\TayaWork \EMadbatah : to hold Emadbatah website.

D:\TayaWork \ EMadbatahStaging : to Emadbatah testing website.

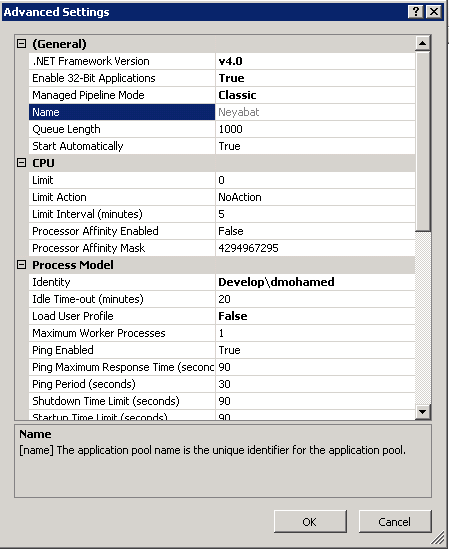
D:\TayaWork \KNA-Homepage : to hold KNA HomePage.

Note: Then copy each website content from its corresponding zip file.

* 1. Give full control permission to NetworkService and a valid domain account “ALOMMAH2006\dmohamed” on the 2 folders.
  2. Create Website for the E-Madbatah App as shown in the following screens:
     1. Open IIS Manager
     2. Right Click on sites and choose “Add Web Site…”
     3. Configure EMadbatah (or other website) website as shown below:



1. Application pool configuration
   1. Expand the left-hand side (Applications Pool) and select Emadbatah Application Pool.
   2. To the right you'll notice **Advanced Settings...** and a new window should appear
   3. Select the .NET framework version to v4.0
   4. Select Managed pipeline mode to Classic
   5. Select Enabled 32 bit Applications to true.
   6. Select Identity to Valid Domain Account “ in our case it will be ALOMMAH2006\dmohamed”



1. Website Configuration:
   1. **Web.Config**

Under the <connectionStrings> section change the IP part for the database connection string

**EMadbatahEntities**: change the Data Source to match the IP of the machine holding the database.

**EMadbatahVotingEntities**: change the Data Source to match the IP of the machine holding the database.

And change:

ADConnectionString change the connectionString to match your Active Directory Configuration.

In MyADMembershipProvider under membership section

For connectionUsername put valid AD user

For connectionPassword put password for that user

* 1. Under the **App\_Data** folder file **AppSettings.xml**

Set the following values:

* + 1. VecSysServerPath: the path of the root folder containing all sessions folders.
    2. AudioServerPath: the path of the root folder containing all Audio folders of all sessions.
    3. AllowedDomainName: name of the Active directory domain (if user name is ALOMMAH2006\dmohamed, then here we put ALOMMAH2006).
    4. In the DefaultAdmin section put the Main Admin Info

1. First Run:
   1. Start the website by opening it in the browser.
   2. You are currently Admin. You can open System Admin page -> then to Users Management. Add Users and assign their roles, and info.