

Installation guide for Connect Proxy

Step 1: Setting up virtual host: Windows Server

Recommended system requirements:

Windows Server 2008 R2

4 GB RAM, Dual Core 2GHz

IIS v. 7 webserver

ASP.NET 4.5

ASP.NET MVC 4

MS SQL Server 2008 SP3 (10.0.5500)

MS SQL Management Studio

Step 2: Install .net 4.5

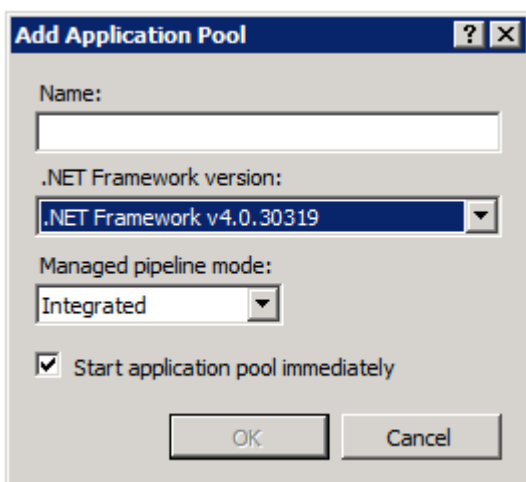
The web API uses asp.net MVC 5 API 2 that requires .net 4.5. .net 4.5, which can be found at:

<http://www.microsoft.com/en-us/download/details.aspx?id=30653>

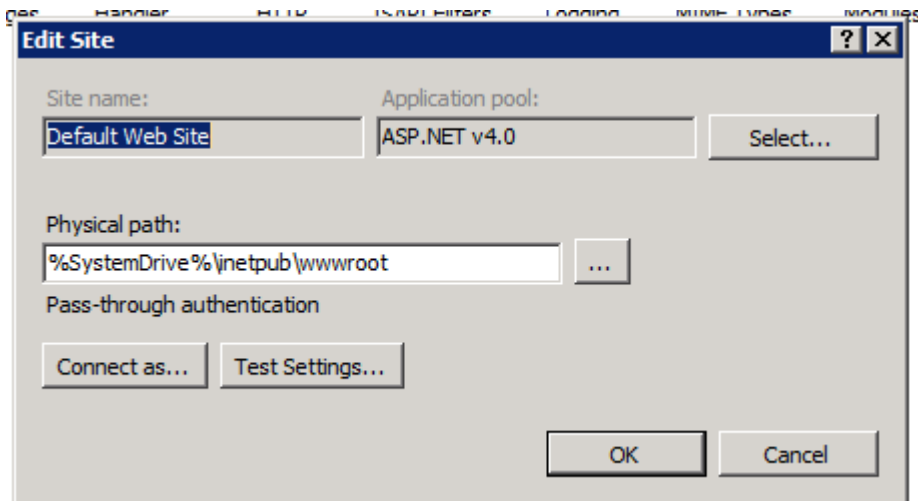
Download and install

Step 3: Set the application to use .net 4.5

Make sure the application is using .net 4.5, do this by creating an application pool that uses .net Framework v4.0



Make sure the application is using the correct application pool. Do this by selecting "Basic Settings.." under Actions, when you have the application selected in the IIS.



Step 4: Set up the database

Create a database on your SQL Server. In the following example we use the name "DeIC_AdobeConnect".

Execute SQL query (see appendix 1) on the database. This should create 5 databases, "MeetingCache", "MeetingCache:Users", "Organizations", "UserMeetings" and "Users".

Step 5: Copy Connect Proxy source code files

Now copy the Connect Proxy source code files, "web api" folder files, to the applications physical path. Download source code files at www.deic.dk/proxy.

Step 6: Edit Web.Config

Open Web.Config from the root of the applications physical path.

Find the line:

```
<add name="DeIC_AdobeConnectConnectionString" connectionString="Data Source=localhost;Initial Catalog=DeIC_AdobeConnect;User ID=xxxxxxxxxxxxx;Password=xxxxxxxxxxxxx" providerName="System.Data.SqlClient" />
```

Change the Connection String so the application will have read and write access to the database you created in Step 4.

Appendix 1

SQL Query for setting up databases:

```
USE [DeIC_AdobeConnect]
GO
/***** Object: Table [dbo].[MeetingCache]  Script Date: 21-11-2013 12:43:12 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[MeetingCache](
    [Id] [int] IDENTITY(1,1) NOT NULL,
    [MeetingId] [int] NOT NULL,
    [Permissions] [nvarchar](50) NOT NULL,
    [Name] [nvarchar](500) NOT NULL,
    [Begin] [datetime] NOT NULL,
    [End] [datetime] NOT NULL,
    [Url] [nvarchar](75) NOT NULL,
    CONSTRAINT [PK_MeetingCache] PRIMARY KEY CLUSTERED
(
    [Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS =
ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO
/***** Object: Table [dbo].[MeetingCache_Users]  Script Date: 21-11-2013 12:43:12 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[MeetingCache_Users](
```

```

[Id] [int] IDENTITY(1,1) NOT NULL,
[CacheId] [int] NOT NULL,
[AdobeId] [int] NOT NULL,
[FirstName] [nvarchar](500) NOT NULL,
[LastName] [nvarchar](500) NOT NULL,
[Email] [nvarchar](250) NOT NULL,
[OrganizationIdentification] [nvarchar](50) NULL,
[Organization] [nvarchar](500) NULL,
[OrganizationFull] [nvarchar](500) NULL,
[Type] [int] NOT NULL,
[Cached] [datetime] NOT NULL,
CONSTRAINT [PK_MeetingCache_Users] PRIMARY KEY CLUSTERED
(
    [Id] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS =
ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO

/***** Object: Table [dbo].[Organizations]  Script Date: 21-11-2013 12:43:12 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Organizations](
    [Id] [int] IDENTITY(1,1) NOT NULL,
    [Fullname] [nvarchar](max) NOT NULL,
    [Username] [nvarchar](50) NOT NULL,
    [Password] [nvarchar](max) NOT NULL,
    [GroupId] [int] NOT NULL,
    [FolderId] [int] NULL,
CONSTRAINT [PK_Organizations] PRIMARY KEY CLUSTERED
(
    [Id] ASC

```

```
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
```

GO

```
/***** Object: Table [dbo].[UserMeetings] Script Date: 21-11-2013 12:43:12 *****/
```

```
SET ANSI_NULLS ON
```

GO

```
SET QUOTED_IDENTIFIER ON
```

GO

```
CREATE TABLE [dbo].[UserMeetings](
```

```
    [Id] [int] IDENTITY(1,1) NOT NULL,
```

```
    [UserId] [int] NOT NULL,
```

```
    [MeetingId] [int] NOT NULL,
```

```
    [Access] [nvarchar](50) NOT NULL
```

```
) ON [PRIMARY]
```

GO

```
/***** Object: Table [dbo].[Users] Script Date: 21-11-2013 12:43:12 *****/
```

```
SET ANSI_NULLS ON
```

GO

```
SET QUOTED_IDENTIFIER ON
```

GO

```
CREATE TABLE [dbo].[Users](
```

```
    [Id] [int] IDENTITY(1,1) NOT NULL,
```

```
    [PrincipalId] [int] NOT NULL,
```

```
    [Organization] [int] NOT NULL,
```

```
    [OrganizationIdentification] [nvarchar](500) NOT NULL,
```

```
CONSTRAINT [PK_Users] PRIMARY KEY CLUSTERED
```

```
(
```

```
    [Id] ASC
```

```
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
```

```
) ON [PRIMARY]
```

GO

```
ALTER TABLE [dbo].[MeetingCache_Users] WITH CHECK ADD CONSTRAINT  
[FK_MeetingCache_Users_MeetingCache_Users] FOREIGN KEY([CacheId])
```

```
REFERENCES [dbo].[MeetingCache] ([Id])
```

```
ON DELETE CASCADE
```

GO

```
ALTER TABLE [dbo].[MeetingCache_Users] CHECK CONSTRAINT [FK_MeetingCache_Users_MeetingCache_Users]
```

GO

```
ALTER TABLE [dbo].[UserMeetings] WITH CHECK ADD CONSTRAINT [FK_UserMeetings_Users] FOREIGN  
KEY([UserId])
```

```
REFERENCES [dbo].[Users] ([Id])
```

```
ON DELETE CASCADE
```

GO

```
ALTER TABLE [dbo].[UserMeetings] CHECK CONSTRAINT [FK_UserMeetings_Users]
```

GO

```
ALTER TABLE [dbo].[Users] WITH CHECK ADD CONSTRAINT [FK_Users_Organizations] FOREIGN  
KEY([Organization])
```

```
REFERENCES [dbo].[Organizations] ([Id])
```

GO

```
ALTER TABLE [dbo].[Users] CHECK CONSTRAINT [FK_Users_Organizations]
```

GO