

SAML 2.0 / ADFS (STS) integration with QlikView 11.2

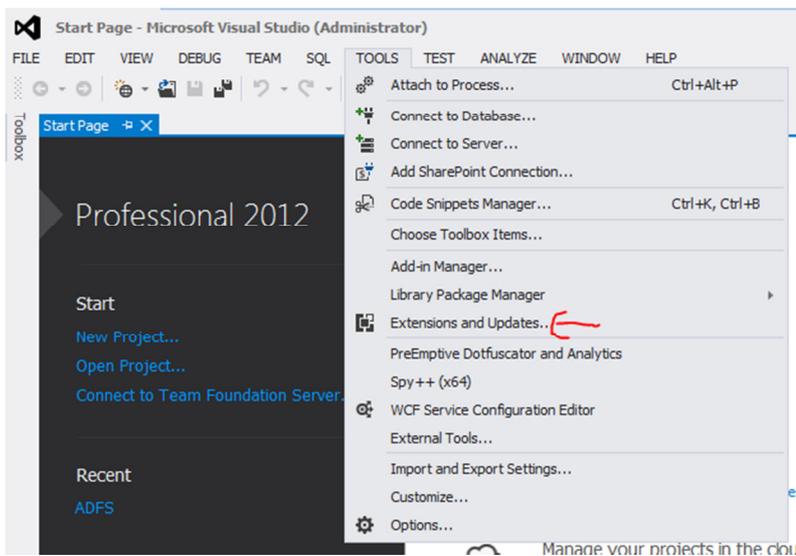
Prerequisites to install:

QlikView 11.2 – AccessPoint plus Ajax must work

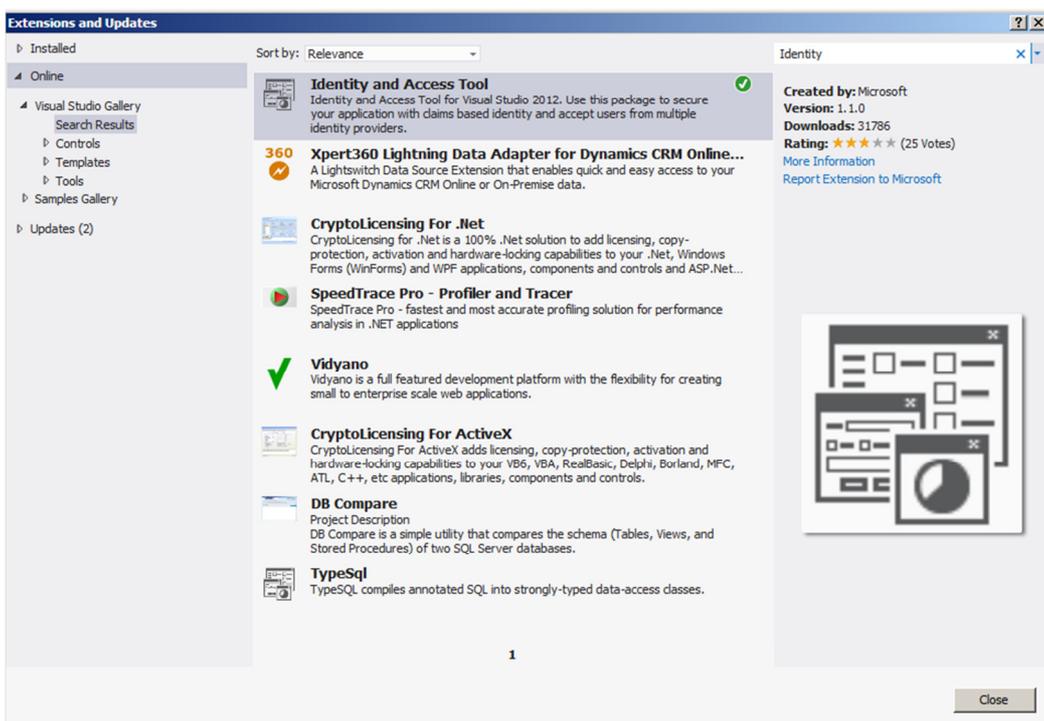
.net 4.5

Visual Studio 2012

- Identity and Access Tool



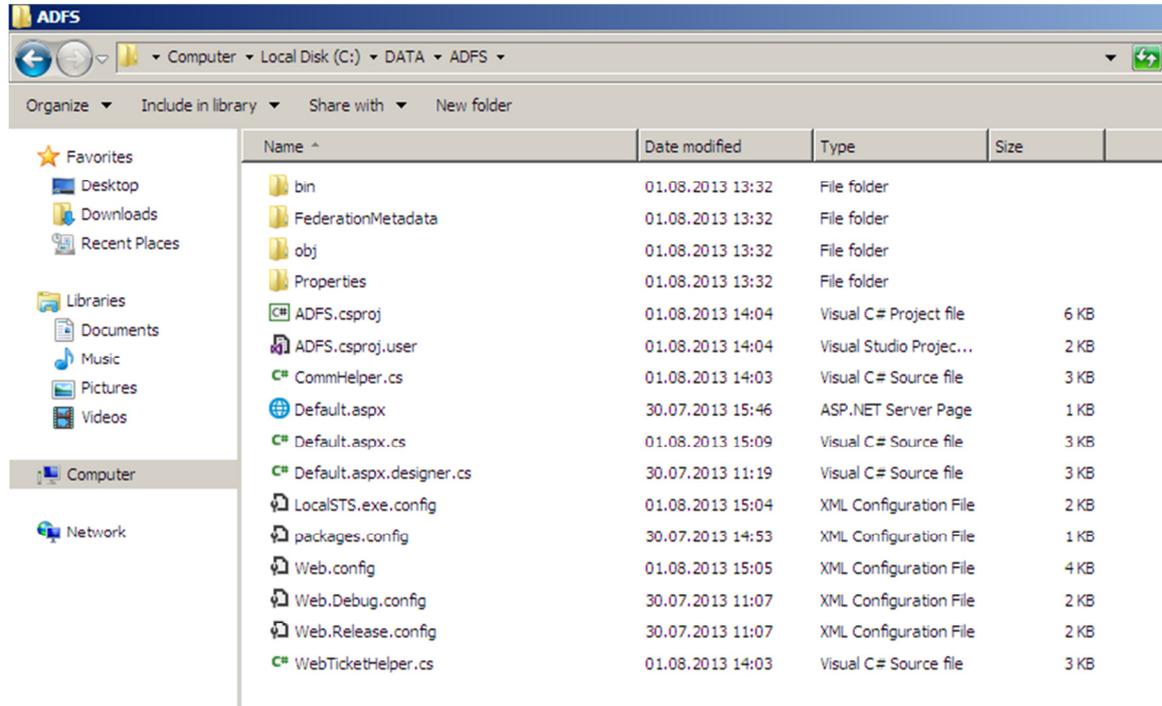
Select Online on the left hand side and search for Identity



Install it (In this Screenshot it is already installed)

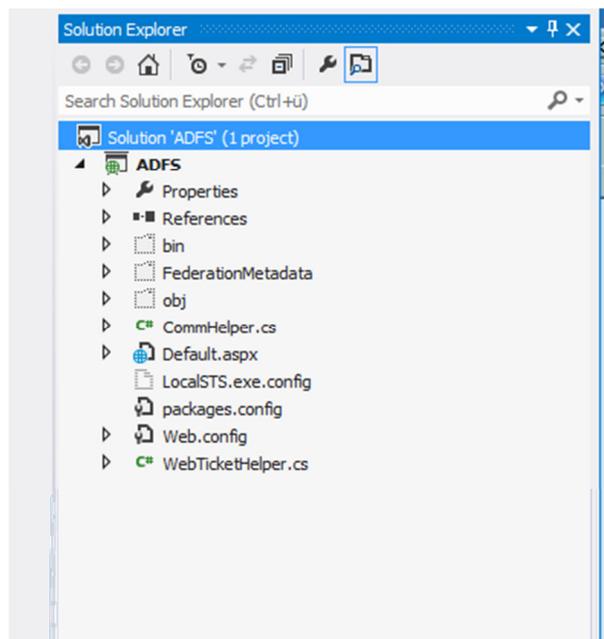
Open the Example ADFS Project (It is already configured like you can see it in the Default.aspx.cs below)

In the ADFS Project folder you will find already those two helper classes that you need for using the WebTicket for QlikView (CommHelper.cs & WebTicketHelper.cs)

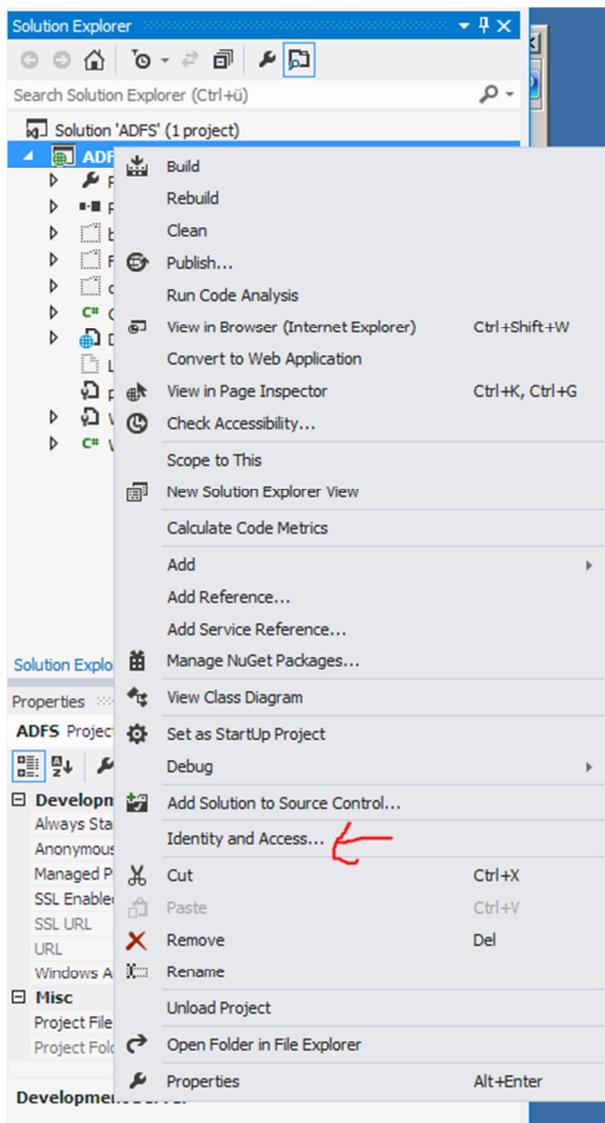


If you need to explain the changes we made in the Default.aspx.cs, you can find them below at the end of the document marked in bold. That's all you need and make sure that you are of course always using the same namespace. You need to open the Code behind Default.aspx.cs

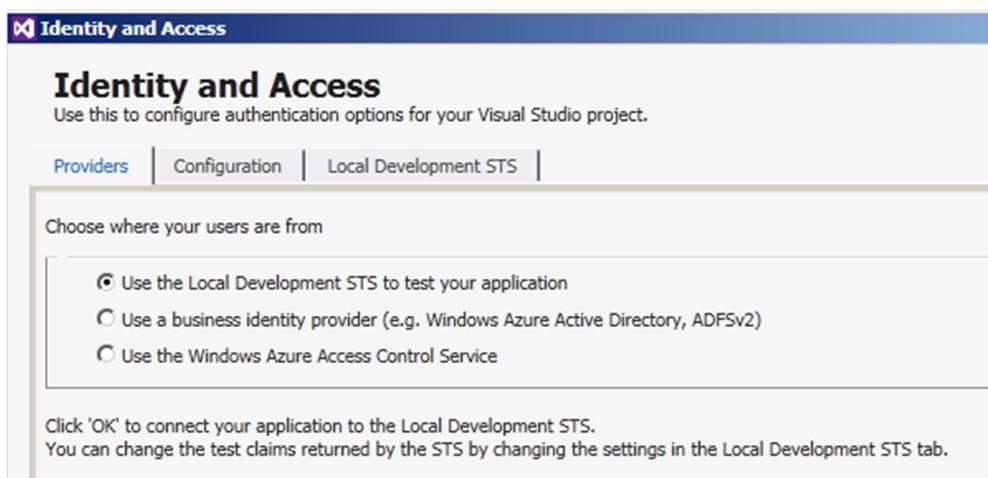
Open the Project and present how to use the STS integration in QlikView



Right Click on the ADFS Project Name and open the Identity and Access Manager (If you can't find the Identity and Access Manager, please make sure that you have installed it as you can find it above in the Prerequisites)



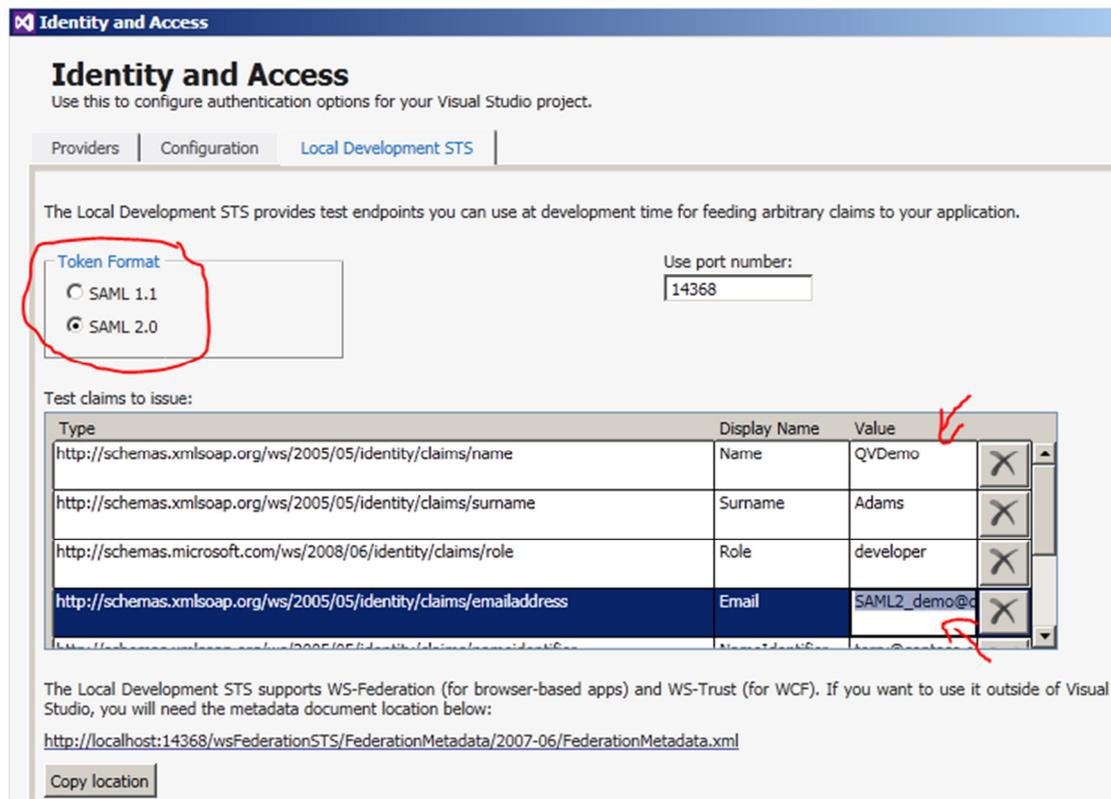
For our Demo case we are going to use the local STS (Security Token Service)



Change the Token Format from 1.1 to 2.0 because this is what you need to stress at the customer. Using ADFS is nothing else than just another way of having a SAML 2.0 integration in QlikView. And this is as we all know by default possible.

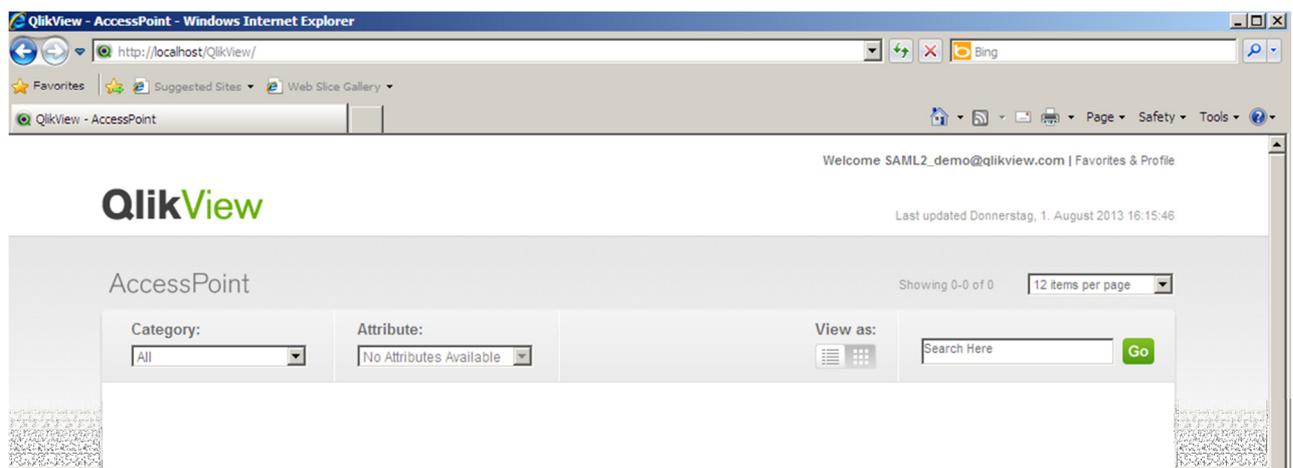
On the Right hand side you can change the values for the Security Token. With the Local STS it is a manual process, because it should be easy to change values for a demo scenario.

The Type which is used in our example, is the E-Mailadress. The E-Mailadress will be used on our QlikView AccessPoint to be logged in as a user.



After having changed those values, press OK and hit F5 in your Visual Studio.

Now you should end up with your local AccessPoint, logged in with your E-Mailadress out of your Token. If you want to change the Servername from localhost to something else, please change the value in your Default.aspx.cs



Default.aspx.cs

```
using System;

using System.IdentityModel;

using System.Security.Claims;

using System.Threading;

using System.Web.UI;

namespace ADFS
{
    public partial class Default : System.Web.UI.Page
    {
        // If TrustedIPs are used in c:\ProgramData\QlikTech\WebServer\config.xml this
        // should be set to true, otherwise false

        private const bool Anonymous = false;

        // If Windows Authentication is used for GetWebTicket.aspx then credentials
        // may be specified below. If no credentials is provided, UseDefaultCredentials will be
        // used

        private const string UserName = "";

        private const string Password = "";

        // URL that the user is redirected to after a successful login. AccessPoint is
        // usually where you want to go

        private const string TryUrl = "/QlikView/";

        // URL redirected to after a failed login attempt

        private const string BackUrl = "";

        // Server where the QlikView AccessPoint resides (ends with slash)

        private const string AccessPointServer = "http://localhost/";

        // Variable declarations (DON'T CHANGE HERE)

        private string _userId = "";

        private string _userFriendlyName = "";

        private string _userGroups = "";

        private string _webTicket = "";
    }
}
```

```

protected void Page_Load(object sender, EventArgs e)
{
    ClaimsPrincipal claimsPrincipal = Thread.CurrentPrincipal as
ClaimsPrincipal;
    if (claimsPrincipal != null)
    {
        // [REQUIRED] Name of the user to get a
ticket for
        _userId =
claimsPrincipal.FindFirst(ClaimTypes.Email).Value;
        /*
        // [OPTIONAL] A friendly name for the
user. For example if the username is a social
security number of phonenumber the friendly name
could be his/hers real name
        _userFriendlyName = "Rikard Braathen";
        // [OPTIONAL] Semicolon separated string
with groups/roles the user belongs to for use with
Section Access or authorization
        _userGroups =
"PreSales;Europe;Stockholm Office";
        */
        GetWebTicket();
        if (!String.IsNullOrEmpty(_webTicket))

```

```
        RedirectToQlikView();  
    else  
        Response.Write("An error occured!");  
    }  
    else  
    {  
        signedIn.Text = "You are not signed in.";  
    }  
    }  
    }  
}
```