Haihaisoft DRM-X 3.0
Synchronize User Integration
(ASP Guide)

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Table of Contents

Overview

Synchronize user integration is synchronizing the users register on your website into DRM-X platform. After being integrated, your users just need to register and login on your website to get the license for playing your contents protected by DRM-X.

DRM-X XML Web Service provides you with the interface that you can use to synchronize your users into DRM-X platform. All that you need to do is just to call some functions, like AddNewUser and UpdateUser. You can get the details by visiting the link:

http://3.drm-x.com/haihaisoftLicenseservice.asmx

What necessary before integration?

1. DRM-X Account

You need to have one of the DRM-X Accounts including Premier / Business Windows / Business Pro / Enterprise before you integrate with your platform. DRM-X **Basic Account** users can manage its users on DRM-X.com instead.

Click the link below to see the DRM-X Account Comparison,

http://www.drm-x.com/Fees-Compare-3.0.aspx

2. User database, login page and register page.

You should setup a database or you may already have a database that can store your users' information if you want to integrate with DRM-X platform. You also need to create or modify your current user login page and register page for your users to login and register.
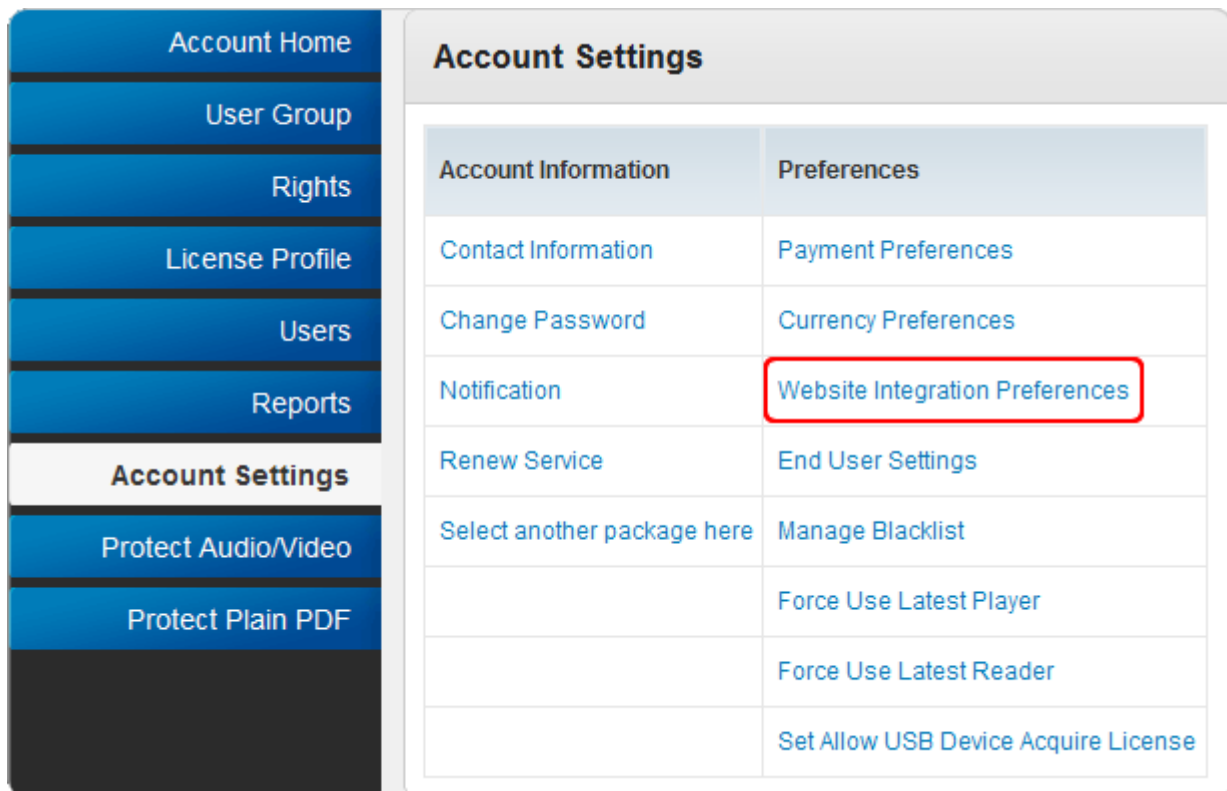
Parameter Introduction

The parameter in blue color is required field. You can set the others into 'N/A' (means empty) or enter the correct value.

- **AdminEmail:** your login Email of DRM-X Account.
- **WebServiceAuthStr:** the Web Service Authenticate String for DRM-X web service. The value you set here must be the same with the one on your DRM-X account.

Steps to set:

1. Login your DRM-X account.
2. Click the **Account Settings** in the left panel and choose the **Website Integration Preferences**, as shown in the screenshot below:

3. Select **Synchronize User Integration** and enter the **Web Service Authenticate String**. As shown in the screenshot below:

4. Click the **Submit** button below and you will get the message shown on the picture below:

- **GroupID:** the ID of your Group created in your DRM-X account. You can find GroupID value in Users Group of DRM-X Account.

Note: in the code you just need to enter one Group ID, and the users signed up on your website will be added into group directly. You can manually change the group they belong to in your DRM-X account if you want.

- **UserLoginName:** the username or unique UserID in your user database.
- **UserPassword:** the Password of user in your user database.
- **UserEmail:** the Email of user in your user database.
- **UserFullName**: the Full Name of User. This parameter is option. You can leave this UserFullName parameter to blank, or just set it value to N/A.
- **Title**
- **Company**
- **Address**
- **City**
- **Province**
- **ZipCode**
- **Phone**
- **CompanyURL**

- **SecurityQuestion**

- **SecurityAnswer**

- **IP:** address of your user which acquire license. You can provide this Parameter, or input N/A.

- **Money:** the money amount of your users at DRM-X.com. By default, you can set this value to 0, and manually change the value on DRM-X. (Required field)

- **BindNumber:** the number of computers that you allow the users to login and play your content. It is a useful way to prevent your

    a) users with sharing their accounts.

- By default, you can set this value to '0', and manually change the value on DRM-X. (Required field)

- **IsApproved:** Set whether the user is approved immediately after they register. Please set "yes" if you approve user to login, otherwise set "no". The default value should be "<u>yes</u>"

- **IsLockedOut:** Set whether the user is locked out immediately after they register. Please set "yes" if you want to lock out user, otherwise set "no". The default value should be "<u>no</u>"

Download Sample Pages

You can download the sample pages by clicking the link below:

http://www.drm-x.com/download/sample_code_3.0/Synchronize_User_Integration_ASP.zip

Step by Step Introduction

Step1: Create drmlogin.asp

Step2: Create check.asp

```asp
<%
dim sql,rs
dim username,userkey,strErr
username=replace(trim(request.Form("username")),"","")
pwd=replace(trim(request.Form("pwd")),"","")

if username="" then
    FoundErr=True
    strErr=strErr & "<br><li>Can't be empty!</li>"
end if
if pwd="" then
    FoundErr=True
    strErr=strErr & "<br><li>Can't be empty!</li>"
end if
if FoundErr<>True then
    username=replace(trim(request.Form("username")),"","")
    pwd=replace(trim(request.Form("pwd")),"","")
        if (pwd<>"test") or (username<>"testuser") then
        FoundErr=True
        strErr=strErr & "<br><li> username or password not correct!</li>"
        else
            session("username")=username
                Response.Redirect("sign_up.asp ")
        end if
end if
if FoundErr=True then
    strErr=strErr & "<br><li><a href='drmlogin.asp'> onClick here login!</a></li>"
    response.write strErr
end if
%>
```

These sample codes above used to verify registered user name and password.

Step2: Create sign_up.asp

Your users register username and password in **drmlogin.asp** and verify their registered information through **check.aspx** page, and then jump to **sign_up.asp** to call **AddNewUser** function to integrate into your DRM-X platform.

When you add user registered information into your database, run the code below on this page, call DRM-X XML Web Service, synchronize user database into your DRM-X account.

```asp
<%
Dim AdminEmail,WebServiceAuthStr,GroupID,UserLoginName,UserPassword,UserEmail,UserFullName,Title,Company,Address,City,Province,ZipCode,Phone,CompanyURL,SecurityQuestion,SecurityAnswer,IP,Money,BindNumber,IsApproved,IsLockedOut
    AdminEmail = " support5@haihaisoft.com"
    WebServiceAuthStr = "123456"
    GroupID    = 10241
    UserLoginName   = session("username")
    UserPassword = session("pwd")
    UserEmail = "N/A"
    UserFullName = "N/A"
    Title   = "Test"
    Company   = " N/A "
    Address   = " N/A "
    City   = " N/A "
    Province   = "N/A"
    ZipCode   = "N/A"
    Phone   = "400-601-1364"
    CompanyURL   = "http://www.drm-x.com"
    SecurityQuestion   = "Question"
    SecurityAnswer   = "Answer"
    IP = "N/A"
    Money = "0"
    BindNumber = "5"
    IsApproved = "yes"
    IsLockedOut = "no"

  Response.Write AddNewUser(AdminEmail, WebServiceAuthStr, GroupID, UserLoginName,
```

UserPassword, UserEmail, UserFullName, Title, Company, Address, City, Province, ZipCode, Phone, CompanyURL, SecurityQuestion, SecurityAnswer, IP, Money, BindNumber, IsApproved, IsLockedOut)

```
Function AddNewUser(AdminEmail, WebServiceAuthStr, GroupID, UserLoginName,
UserPassword, UserEmail, UserFullName, Title, Company, Address, City, Province, ZipCode,
Phone, CompanyURL, SecurityQuestion, SecurityAnswer, IP, Money, BindNumber,
IsApproved, IsLockedOut)
    Dim soapClient
    Set soapClient = Server.CreateObject("MSSOAP.SoapClient30")
    soapClient.ClientProperty("ServerHTTPRequest") = True
    soapClient.mssoapinit "http://3.drm-x.com/haihaisoftlicenseservice.asmx?wsdl"

    AddNewUserResponse = soapClient.AddNewUser(AdminEmail, WebServiceAuthStr,
GroupID, UserLoginName, UserPassword, UserEmail, UserFullName, Title, Company,
Address, City, Province, ZipCode, Phone, CompanyURL, SecurityQuestion, SecurityAnswer,
IP, Money, BindNumber, IsApproved, IsLockedOut)
    session("Message")=Message
    AddNewUser=AddNewUserResponse
End Function
%>
<html>
 <head>
 </head>
 <body>
    <div>
        <% = session("Message") %>
    </div>
 </body>
</html>
```

Step3: Run the sign up page

Try to register a new user on the sign up page. If you receive '1', that means you have added the new user successfully on DRM-X platform already. Please check your users' database to see if the user also has been added.

Step4: Play your contents protected by DRM-X

Congratulations! The integration has been done. The users who register on your website will be synchronized into your DRM-X account either. When they open your encrypted content, they can enter their username and password in the Login window directly to get a license. They don't need to register again on DRM-X.com.

Step6. Customize the Login page above

You can customize the pop up login window of DRM-X. So your users can see more your company's information on it and will also make them easier to link to your website. You can set the information including your company's name, logo, website URL, and product name and so on.

If you want to customize DRM-X login page, please [read the tutorial](#)

Add your existed users to DRM-X.com

For adding your existed users to DRM-X.com, you need to create a loop program to read user information from your database, and then call the **AddNewUser** function to synchronize the users to DRM-X.com. In this way, you need to transfer non-encrypted password to DRM-X.com, and DRM-X will encrypt the password with strong MD5 encryption.

Update User Information

Just like calling the **AddNewUser** function in your sign up page, you can also call the **UpdateUser** when they update his or her profile in your website. You can read the XML web service document:

http://3.drm-x.com/haihaisoftLicenseservice.asmx?op=UpdateUser

Related Tutorials

- [DRM-X 3.0 Customize Login Page Integration (ASP Guide)](#)
- [DRM-X 3.0 Synchronize User Integration (PHP Guide)](#)
- [DRM-X 3.0 Customize Login Page Integration (PHP Guide)](#)
- [DRM-X 3.0 Synchronize User Integration (JSP Guide)](#)
- [DRM-X 3.0 Customize Login Page Integration (JSP Guide)](#)
- [DRM-X 3.0 Synchronize User Integration (ASP.net VB Guide)](#)
- [DRM-X 3.0 Customize Login Page Integration (ASP.net VB Guide)](#)
- [DRM-X 3.0 Synchronize User Integration (ASP.net C# Guide)](#)
- [DRM-X 3.0 Customize Login Page Integration (ASP.net C# Guide)](#)

Expert support from Haihaisoft

If you still have problems with the integration,

Please feel free to contact us:

http://www.haihaisoft.com/Contact.aspx

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