

OMAProxy Setup

You need to do the following to setup your OMAProxy project on your local machine:

1. Copy externalSettings.config, externalSystemWeb.config, externalWCFBindings.config, externalWCFClient.config, externalSystemWeb_PlainText.config files from proxy/config/local folder into proxy folder
2. Open externalSystemWeb.config from proxy folder and replace its content with the content from externalSystemWeb_PlainText.config
3. Open a Command Prompt as Administrator. Enter the following command

```
cd C:\Windows\Microsoft.NET\Framework64\v4.0.30319
```

4. Enter the following command to create the AppKeys key container

```
aspnet_regiis -pc "AppKeys" -exp
```

5. Enter the following command to grant the application identity access to the RSA key container

a. Right click on Application Pools , add application pool, name = omaproxy and select .Net Framework v4.0.30319 from the dropdown

b. Execute the following command

```
aspnet_regiis -pa "AppKeys" "IIS APPPOOL\omaproxy"
```

6. Enter the following command to encrypt 'system.web/machineKey' portion of web.config
Uncheck readonly on OmaProxy\web.config file

```
aspnet_regiis -pe "system.web/machineKey" -app "/omaproxy" -prov "AppCfgProvider"
```

7. Enter the following command to export the machine-level RSA key container. This only needs to be done once on the 1st machine

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This step will produce a file c:\AppKeys\machineKey.xml We will use this later on the other machines in the farm.

NOTE: All steps with the aspnet_regiis command should produce several lines of text with the last line containing the word Succeeded. If you do not get this, please contact @ewt Emerging Web Technologies.

8. Open externalWCFClient.config file and make sure bindingConfiguration is using HttpBinding as shown below

```
<client>
  <endpoint address="http://localhost/wsmemberportal/WSSMemberVerification.asmx"
    binding="basicHttpBinding" bindingConfiguration="HttpBinding"
    contract="WSSMemberVerificationSvc.WSSMemberVerificationSoap"
    name="WSSMemberVerificationSoap" />
  <endpoint address="http://localhost/wsmemberportal/wsmembershipapplication.asmx"
    binding="basicHttpBinding" bindingConfiguration="HttpBinding"
    contract="WSSMembershipApplicationSvc.WSSMembershipApplicationSoap"
    name="WSSMembershipApplicationSoap" />
  <endpoint address="http://localhost/WSMemberPortal/WSS0041.asmx"
    binding="basicHttpBinding" bindingConfiguration="HttpBinding"
    contract="WSS0041Svc.WSS0041Soap" name="WSS0041Soap" />
</client>
```

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