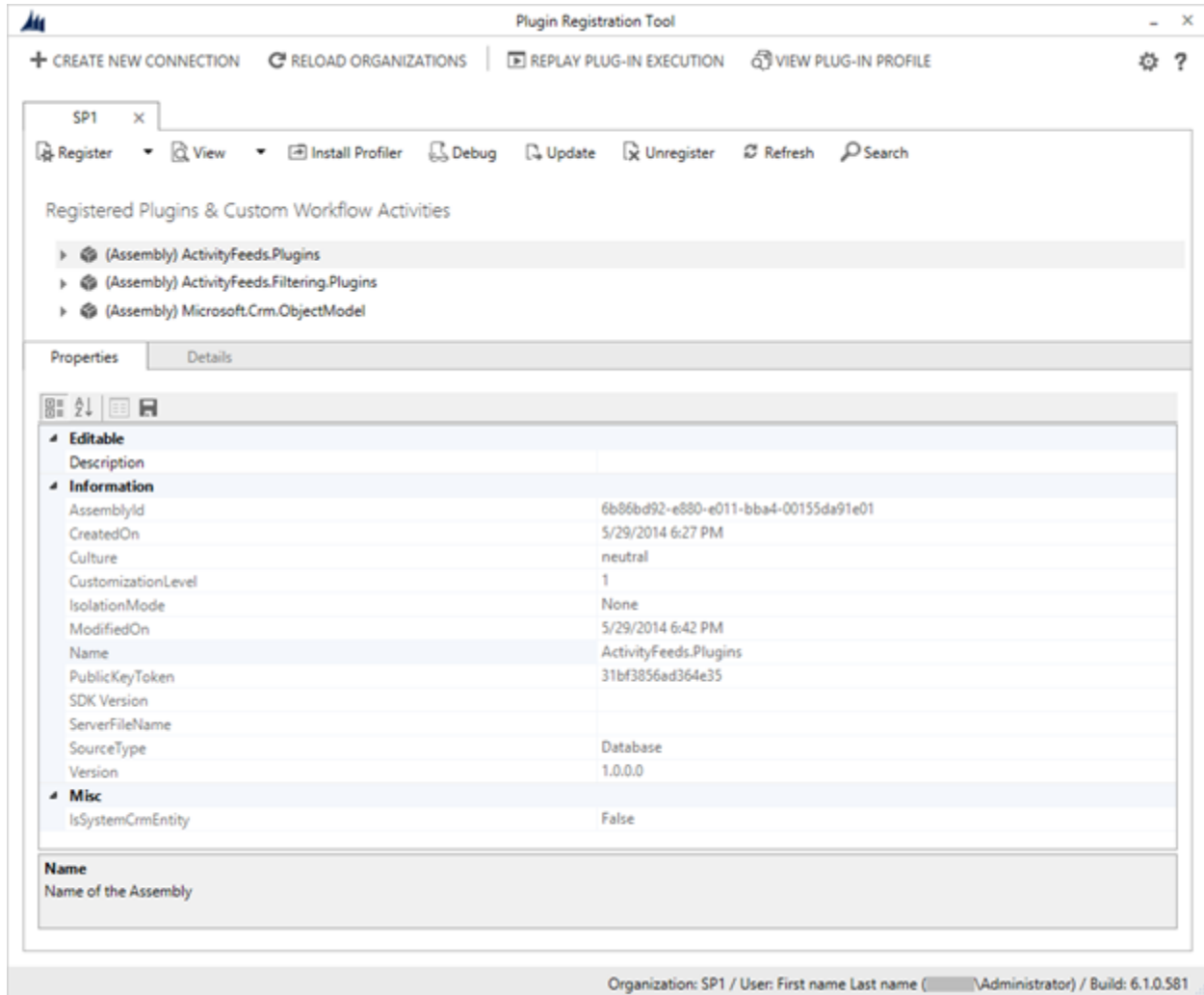# Plug-in Registration

Note: The Plugin Registration Tool still needs the Windows Identity Foundation framework installed to use it.

When creating a new connection, the login dialog has been updated with a standard login control:

1. Click **Create New Connection**

2. Select the deployment type that matches the CRM to connect to.
3. Put in the server address without the http/https, that will be added.
4. Select which type of authentication, AD or IFD.
5. Provide login credentials.

Note: Unlike previous versions of the tool, this one will remember your credentials including the password.

6. Once logged in, if you checked the **Display** a list of available organizations, a list of orgs is shown:
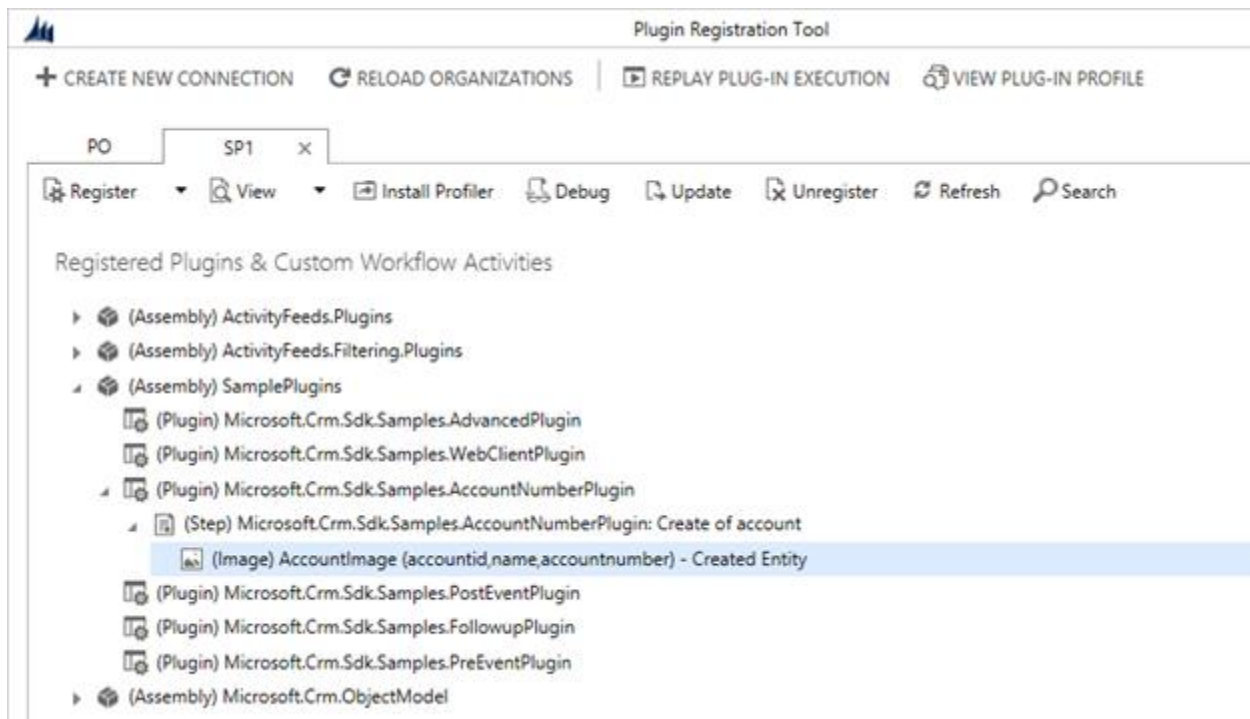
Multiple CRM Organizations are available to you. Please choose the CRM Organization you would like to connect to.

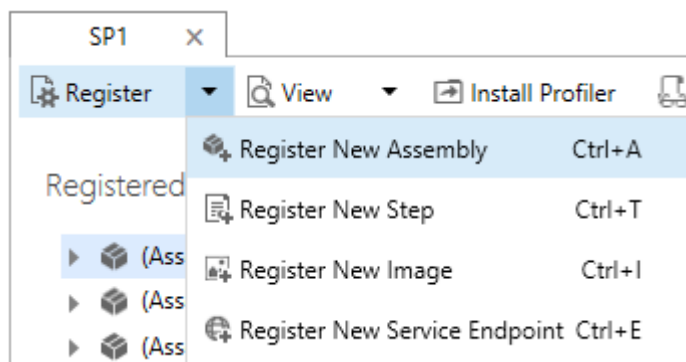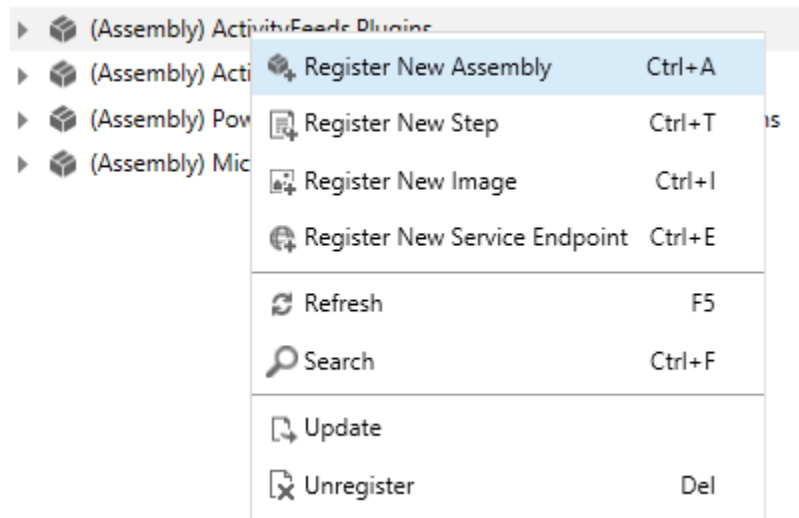| CRM Region	Organization Name
On-premises	
On-premises	PO
On-premises	SP1

Login   Cancel

7. While you can only pick one org at a time, going back to create a new connection or a new org can be selected to give you another tab:

8. The functions still work like they did before and registering a new plugin can be done through the menu:

9. Or right clicking an assembly:

The registration page has the new look, but still works the same as you can see here:

Register New Assembly

×

Step 1: Specify the location of the assembly to analyze

\SDK\SampleCode\CS\Plug-ins\bin\Debug\SamplePlugins.dll   ...

Load Assembly

Step 2: Select the plugin and workflow activities to register

☑ Select All / Deselect All

▲ ☑ 📦 (Assembly) SamplePlugins
  ☑ 🔲 (Plugin) Microsoft.Crm.Sdk.Samples.AccountNumberPlugin - Isolatable
  ☑ 🔲 (Plugin) Microsoft.Crm.Sdk.Samples.AdvancedPlugin - Isolatable
  ☑ 🔲 (Plugin) Microsoft.Crm.Sdk.Samples.FollowupPlugin - Isolatable
  ☑ 🔲 (Plugin) Microsoft.Crm.Sdk.Samples.PreEventPlugin - Isolatable
  ☑ 🔲 (Plugin) Microsoft.Crm.Sdk.Samples.PostEventPlugin - Isolatable

Step 3: Specify the isolation mode

⦿ Sandbox ⑦

◯ None

Step 4: Specify the location where the assembly should be stored

⦿ Database ⑦

◯ Disk ⑦

◯ GAC ⑦

Step 5: Log

Register Selected Plugins   Close

When registering a new step the **Message** box has the familiar type and match functionality as before:

Register New Step

General Configuration Information

Message	Create
Primary Entity	Create
	CreateException
Secondary Entity	CreateInstance

And specifying when the plugin should run is pretty much the same.

Event Pipeline Stage of Execution   **Execution Mode**   **Deployment**

○ Pre-validation   ○ Asynchronous   ☑ Server

○ Pre-operation   ◉ Synchronous   ☐ Offline

◉ Post-operation