

Installing for SSRS 2012 with SharePoint

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Introduction

There were some significant infrastructure changes made for SSRS 2012 in SharePoint integration mode that require a different installation process from native mode. The instructions for installing onto SSRS 2012 or SSRS 2016 are outlined below.

To install OfficeWriter the first time, run the automatic installation. Once the OfficeWriter installer has unpacked the dll files that contain OfficeWriter, you can re-install OfficeWriter manually (for example, if you are moving OfficeWriter to a different server).

Manually Installing OfficeWriter

1. Make sure that the following are installed on the server:
 - [Microsoft .NET Framework Redistributable version 3.5 SP1](#) (or later)
 - MS Reporting Services 2012
 - SharePoint 2010 or later
2. Copy the following files to **C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\14\WebServices\Reporting\bin** (for SharePoint 2010) **OR** **C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\15\WebServices\Reporting\bin** (for SharePoint 2013)
 - **SoftArtisans.OfficeWriter.RS2008.dll** (also used for Reporting Services 2012)
 - **SoftArtisans.OfficeWriter.WordWriter.dll**
 - **SoftArtisans.OfficeWriter.ExcelWriter.dll**
 - **SoftArtisans.OfficeWriter.PowerPointWriter.dll**
3. Run **LicenseManager.exe** to install the OfficeWriterEE or OfficeWriterSE key.
4. Start SharePoint 2010/2013 Management Shell. If you don't know the name of your Reporting Services instance, run the command **Get-SPRSServiceApplication** within Management Shell. For example, "SSRS2012App".
5. To install the rendering extensions, you will need to run a PowerShell command. First, create a text file called "InstallOfficeWriterForSSRS.ps1" that contains the following:

```
$app = Get-SPRSServiceApplication -Name "enter_your_ssrs_instance_name_here"

New-SPRSExtension -ExtensionType "Render" -Identity $app -Name "XLTemplate"
-TypeName
"SoftArtisans.OfficeWriter.ReportingServices.ExcelTemplateRenderer,SoftArtisans.O
fficeWriter.RS2008"

New-SPRSExtension -ExtensionType "Render" -Identity $app -Name "WordTemplate"
-TypeName
"SoftArtisans.OfficeWriter.ReportingServices.WordTemplateRenderer,SoftArtisans.Of
ficeWriter.RS2008"
```

6. To run the command, type `&"C:\FilePath\InstallOfficeWriterForSSRS.ps1"` into Management Shell. This step may take a few minutes.
7. Modify the **rsrsvpolicy.config** file in **C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\14\WebServices\Reporting** (for SharePoint 2010) **OR** **C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\15\WebServices\Reporting** (for SharePoint 2013). Add the following security trust codegroup to the file's **<CodeGroup>** node:

```

<configuration>
  <mscorlib>
    <security>
      <policy>
        <PolicyLevel version="1">
          <CodeGroup class="FirstMatchCodeGroup" version="1"
PermissionSetName="Nothing">
            <CodeGroup class="UnionCodeGroup"
version="*"
PermissionSetName="FullTrust"
Name="SoftArtisans_OfficeWriter_Strong_Name"
Description="This code group grants SoftArtisans OfficeWriter code
full trust.">
              <IMembershipCondition
class="StrongNameMembershipCondition"
version="*"

PublicKeyBlob="002400000480000094000000060200000024000052534131000400000100010047
79CB207F11

5E86EF9DD3233F9F130F8891911345176650F72330F84CA3F54C96DEB08439680660F02872EEF5DA3
955

A14C63F96E57DFB71B1535280C37DA2CB5BA37D78A9882414DB11F67FD66DEBC4AD93DD34F4A587D3
4D

B4D23D9C6AF83431D88A7EF42BB01082913F3560DCB50129C5BBA7ECA0DE8BC286DA74F58FADE" />
            </CodeGroup>
          </CodeGroup>
        </PolicyLevel>
      </policy>
    </security>
  </mscorlib>
</configuration>

```



You will likely already have the "FirstMatchCodeGroup" CodeGroup element in your Render node. You should only need to copy the innermost CodeGroup element (Name="SoftArtisans_OfficeWriter_Strong_Name").



The PublicKeyBlob value should be in one line. When you copy the lines above to **rssrvpolicy.config**, remove the line breaks within the PublicKeyBlob.

- To install the samples, upload the RDL files in **OfficeWriter\ReportingServices\Samples** to the SharePoint report library.

Manually Remove the OfficeWriter Rendering Extensions

- Follow the installation instructions in reverse.
- To uninstall the rendering extensions, replace `New-` in the PowerShell script with `Remove-`.

```
$app = Get-SPRSServiceApplication -Name "enter_your_ssrs_instance_name_here"

Remove-SPRSExtension -ExtensionType "Render" -Identity $app -Name "XLTemplate"
-TypeName
"SoftArtisans.OfficeWriter.ReportingServices.ExcelTemplateRenderer,SoftArtisans.O
fficeWriter.RS2008"

Remove-SPRSExtension -ExtensionType "Render" -Identity $app -Name "WordTemplate"
-TypeName
"SoftArtisans.OfficeWriter.ReportingServices.WordTemplateRenderer,SoftArtisans.Of
ficeWriter.RS2008"
```