



# ThorApps On-Premise Services



## Project Integration Engine 2013

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### Installation Guide

## Overview

This document describes the steps to install ThorApps Project Integration Engine (PIE) 2013 into a SharePoint 2013 farm.

## Prerequisites

To follow this guide, you will need the following items.

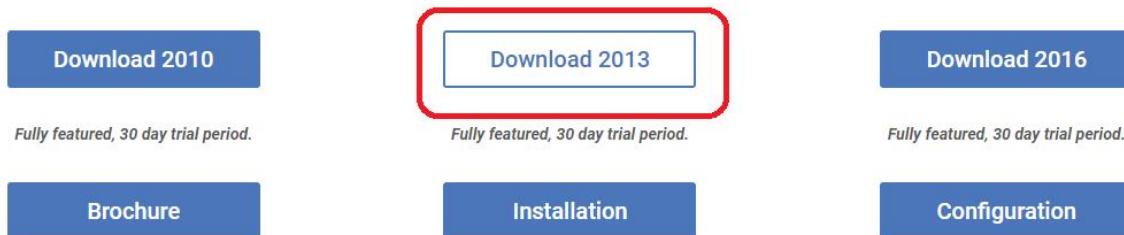
- A computer with internet access
- Remote console access to the SharePoint server hosting SharePoint Central Administration (directly or via remote desktop).
- SharePoint farm administrator rights (or access to such a logon) with access to deploy SharePoint farm solutions (i.e. SharePoint Configuration database write access).

## Step 1

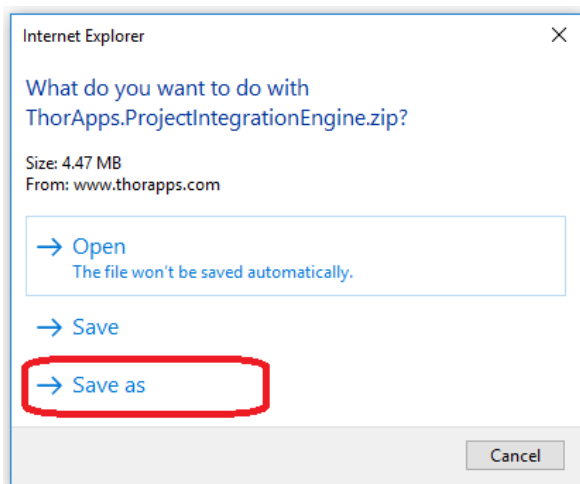
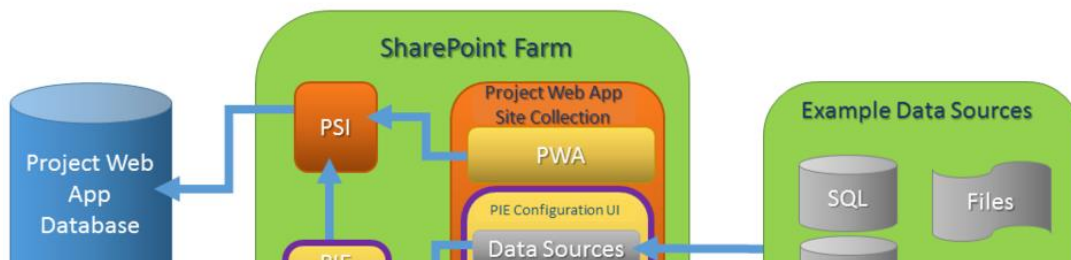
On your local machine in your preferred browser, navigate to <https://www.thorapps.com/apps/project-integration-engine/>

Click "Download 2013".

Your browser may prompt you to download the file ThorApps.ProjectIntergrationEngine.zip  
Take note of where you save this package.



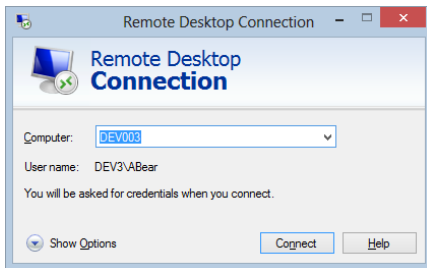
Project Integration Engine Architecture



## Step 2

Move the saved package onto the server hosting SharePoint Central Administration. There are multiple ways to do this. This guide will use a remote desktop connection to the server hosting SharePoint Central Administration.

Open a connection with Remote Desktop Connection.



In the server, open File Explorer and navigate to the C: Drive.

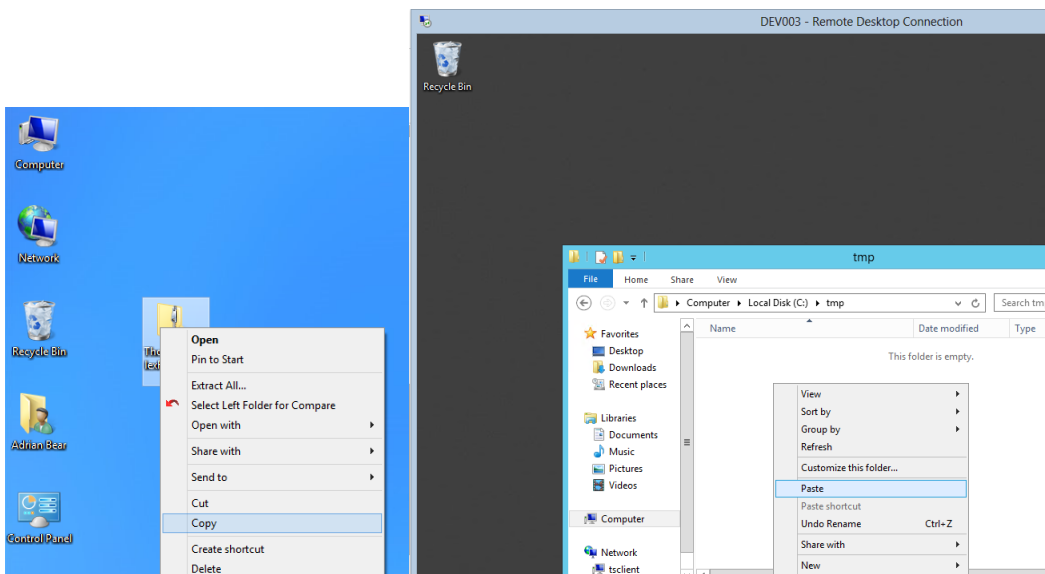
Navigate into a folder called 'Temp'.

If this folder does not exist, create it.

In your local machine, navigate to where you saved the download package.

Copy this package to your clipboard. (Ctrl + C)

In the server, paste the package into the 'Temp' folder. (Ctrl + V)

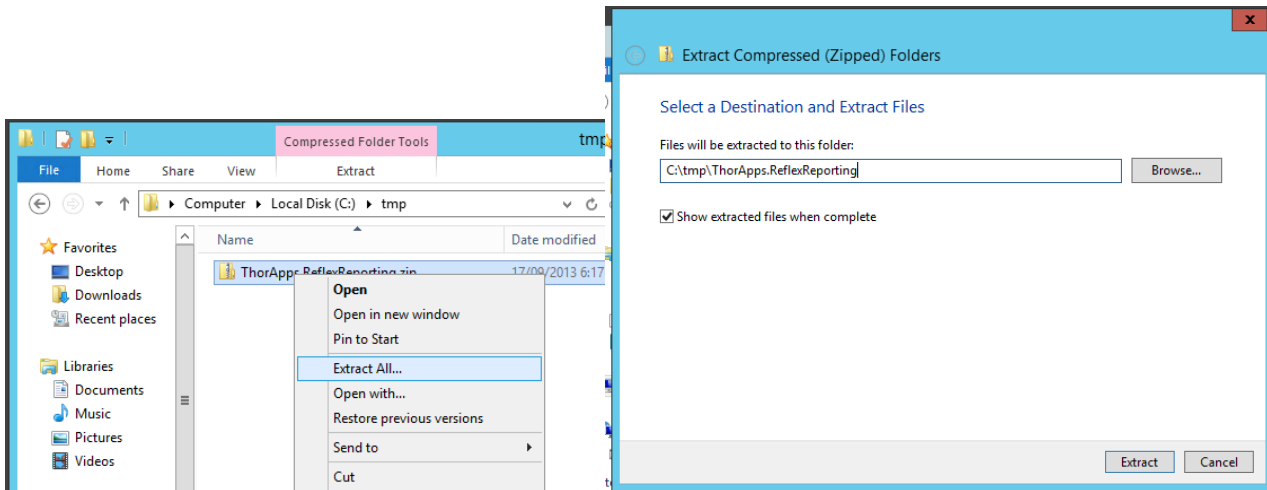


### Step 3

On the server hosting SharePoint Central Administration, right click on the package.

Select "Extract All".

Click "Extract" when the Extract Compressed Folders prompt appears.



### Step 4

From the start menu, type 'SharePoint'.

Right click on "SharePoint 2013 Management Shell" and select "Run as Administrator".

Enter the following command:

```
Add-PSSnapin Microsoft.Sharepoint.Powershell -EA 0
```

Enter the following command:

```
Add-SPSolution -LiteralPath  
C:\Temp\ThorApps.PIE.For2013\ThorApps.PIE.For2013\Thor.SPF.LicenseManager.wsp
```

If the License Manager is already installed, you will get an error message stating the solution already exists in the solution store. You can ignore this and continue.

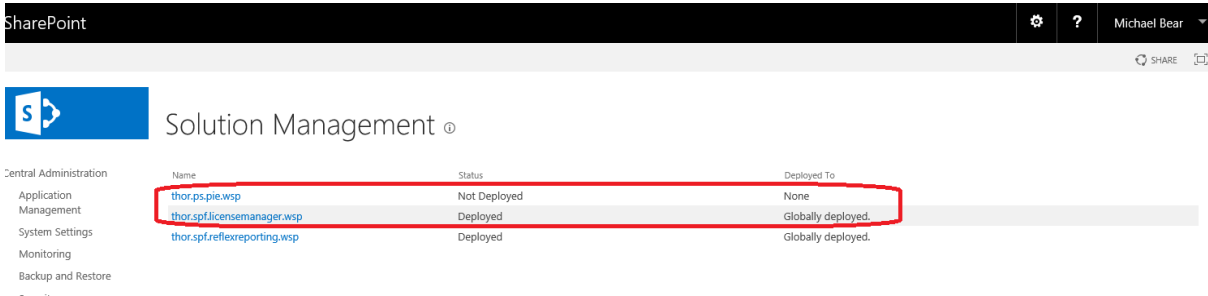
Enter the following command:

```
Add-SPSolution -LiteralPath  
C:\Temp\ThorApps.PIE.For2013\ThorApps.PIE.For2013\Thor.PS.PIE.wsp
```

Once installed, SharePoint Management Shell will display the Solution Name, Id and Deployed status.

## Step 5

You can double check the installation was successful by navigating through the SharePoint Central Administration pages (From Central Administration select System Settings and Manage farm solutions) to see if the solution is listed and deployed. (Note: In this instance, the License Manager was already installed and deployed).



SharePoint

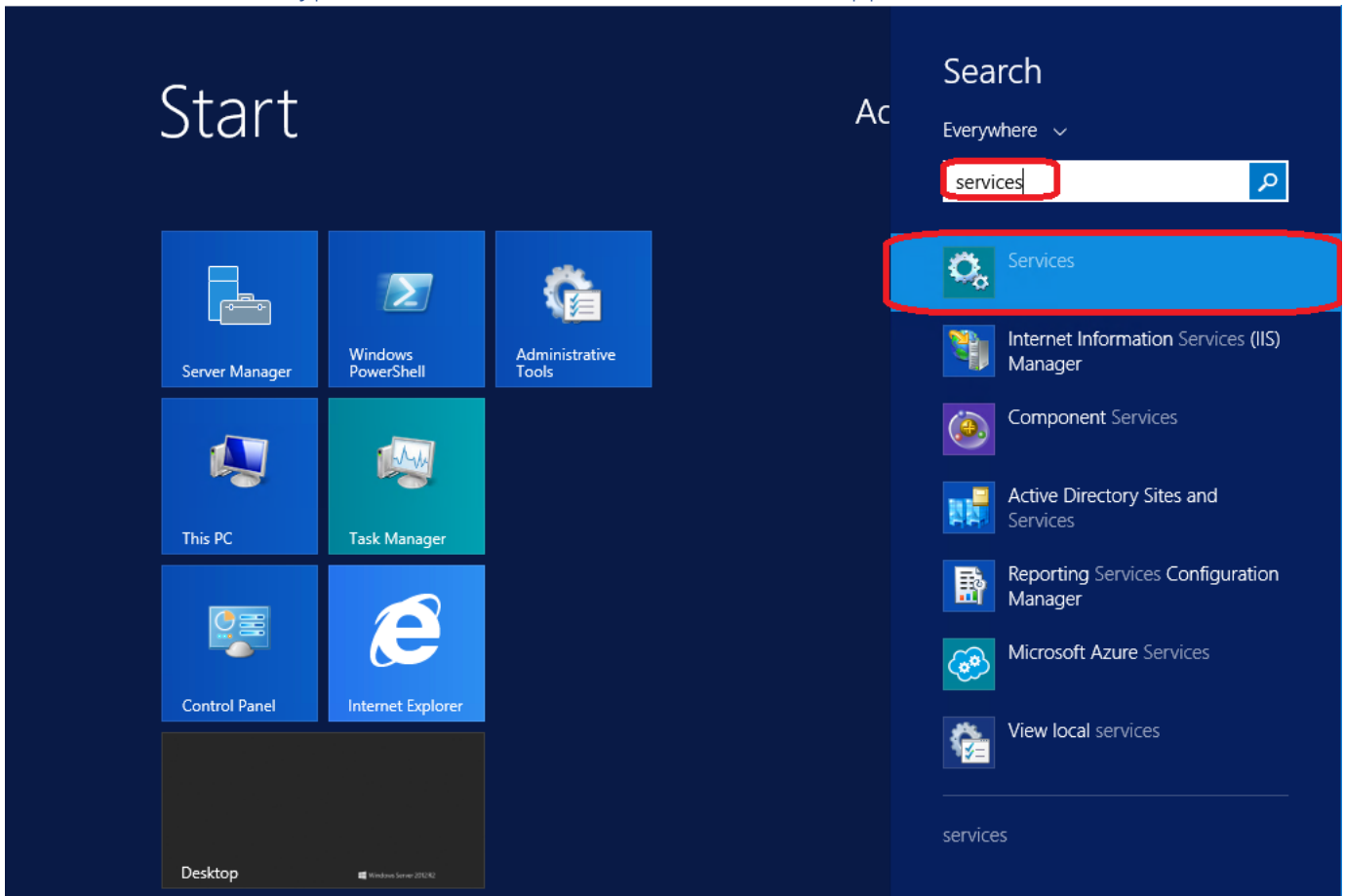
Solution Management

Name	Status	Deployed To
thor.ps.pie.wsp	Not Deployed	None
thor.spf.licensemanager.wsp	Deployed	Globally deployed.
thor.spf.reflexreporting.wsp	Deployed	Globally deployed.

Note: If you are updating to a newer version of PIE, after installation you will also need to restart the SharePoint Timer Service and perform an IIS Reset, by following these steps:

### Restarting the SharePoint Timer Service.

From the Start menu, type "Services" and click on the "Services" app.



Start

Search

Everywhere

services

Services

Internet Information Services (IIS) Manager

Component Services

Active Directory Sites and Services

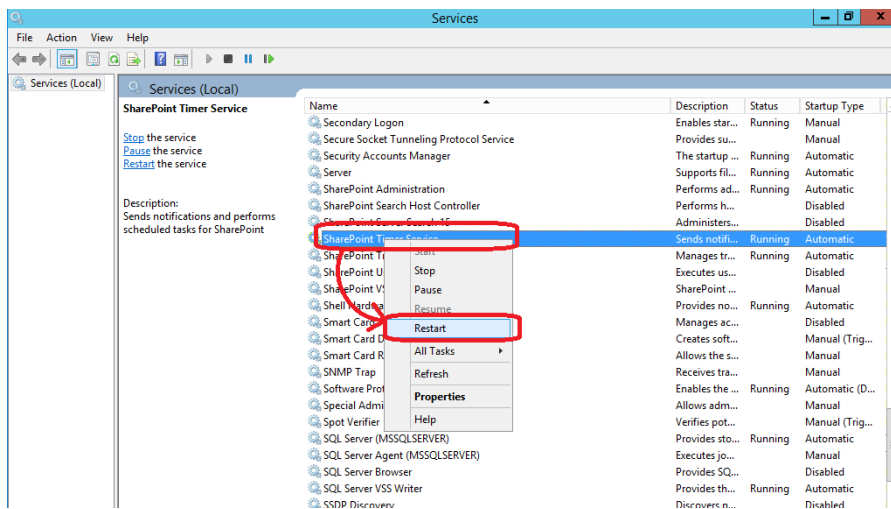
Reporting Services Configuration Manager

Microsoft Azure Services

View local services

services

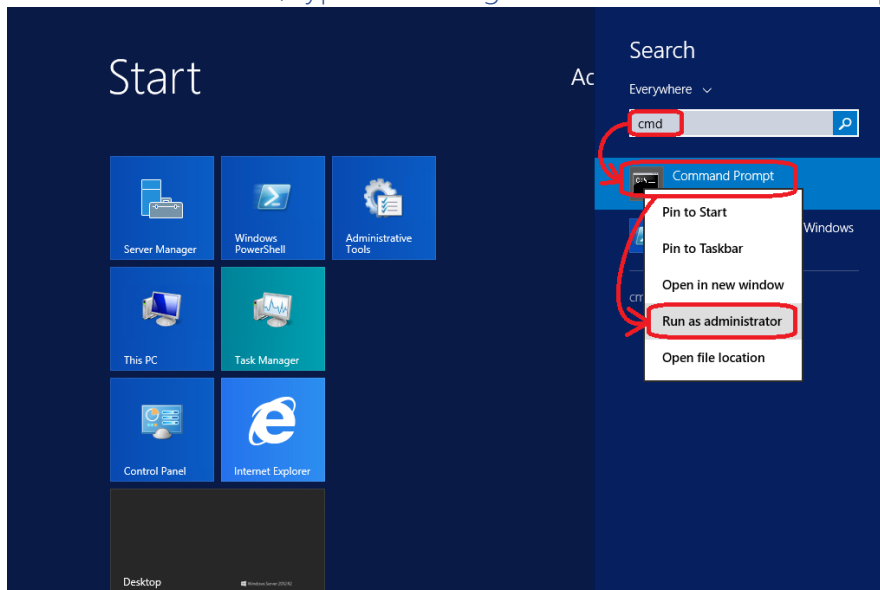
Scroll to the SharePoint Timer Service, right click on it and select "Restart".



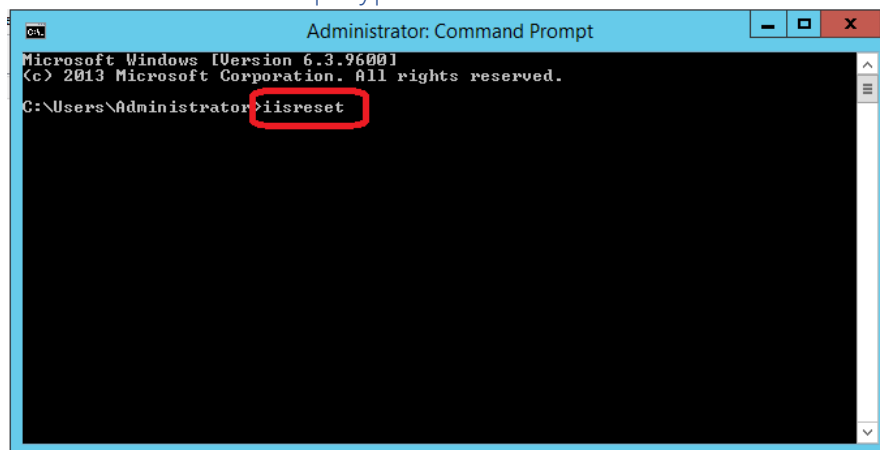
Once it has restarted, close the "Services" app.

## Performing an IIS Reset.

From the start menu, type "cmd". Right click on "Command Prompt" and select "Run as Administrator".



In the Command Prompt type "iisreset" and hit "Enter".



Once it has restarted, close the Command Prompt.



## So, What's Next?

### Deployment

Now that PIE is installed into the SharePoint farm, follow the Deployment Guide found in your download package and on the ThorApps web site ([www.thorapps.com](http://www.thorapps.com)).

### Purchasing

If you have completed installation through to configuration and have decided to purchase a license, follow the Purchasing Guide included in your download package.

### License Activation

If you already have a license for PIE and wish to activate it, follow the Activation Guide included in your download package.