

[Tech Note 1068](#)

Moving Recipe Manager 2014 from a Standalone Configuration to the Domain

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Topic#: 002919

Created: December 2014

Introduction

This *Tech Note* outlines moving Recipe Manager 2014 from a standalone configuration to the domain.

Application Versions

- Recipe Manager 2014

Assumptions

- Basic familiarity with Command Prompt, SQL Server Management Console, and other Administrative tools.

Situation

When you are logged in to the machine as a local administrator and install Recipe Manager 2014, the Application Pool Identity defaults to the **Local** Administrator. This means that only local users (on that machine) will have access to Recipe Manager 2014 (Figure 1 below).

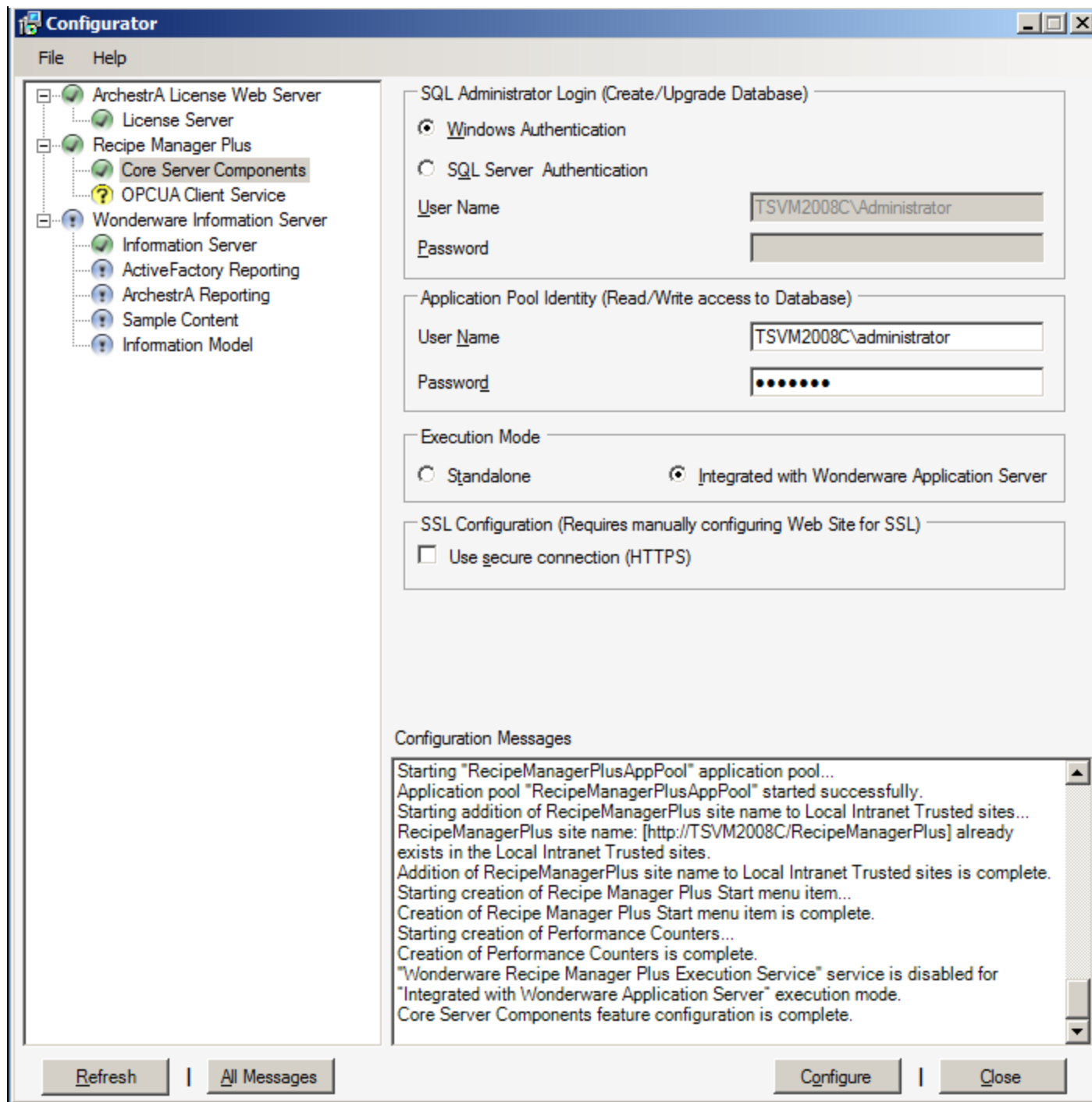


FIGURE 1: LOCAL USER ACCESS SETTINGS FOR RECIPE MANAGER 2014

To enable access for other domain users/accounts, you must add them as Active Domain accounts users. However, if you try and start

Recipe Manager plus *before* you run the Application Pool identity with the Domain user, you will see the following error. This is because the install was not done on a domain with a Domain user.

Server Error in Application "DEFAULT WEB SITE/RECIPEMANAGERPLUS"

Internet Information Services

Error Summary

HTTP Error 403.0 - Forbidden
You do not have permission to view this directory or page.

Detailed Error Information

Module	global.asax	Requested URL	http://tsvm2008c:80/RecipeManagerPlus
Notification	AuthorizeRequest	Physical Path	C:\inetpub\wwwroot\RecipeManagerPlus
Handler	ExtensionlessUrlHandler-Integrated-4.0	Logon Method	Negotiate
Error Code	0x00000000	Logon User	CIMNET\tsupport1

Most likely causes:

- This is a generic 403 error and means the authenticated user is not authorized to view the page.

Things you can try:

- Create a tracing rule to track failed requests for this HTTP status code. For more information about creating a tracing rule for failed requests, click [here](#).

Links and More Information

This generic 403 error means that the authenticated user is not authorized to use the requested resource. A substatus code in the IIS log files should indicate the reason for the 403 error. If a substatus code does not exist, use the steps above to gather more information about the source of the error.

[View more information »](#)

FIGURE 2: ACCESS DENIED

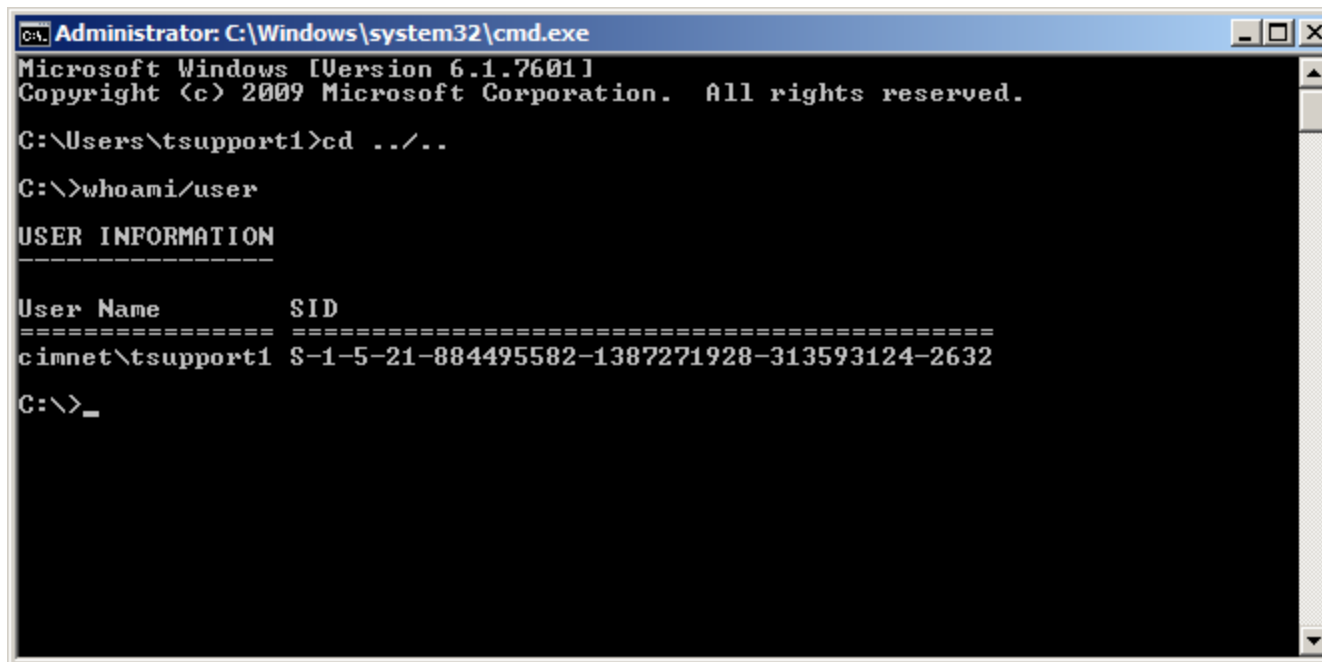
Reverse? To resolve the errors you need the machine to be logged into the domain.

You will then need to add the OS User and the SID to the Recipe Manager Plus **UserGroups** table.

Procedure

To get the current user and SID

1. Open the command prompt and type the following: **C:/>whoami/user**



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\tsupport1>cd ../../
C:\>whoami/user
USER INFORMATION
-----
User Name      SID
=====
cimnet\tsupport1 S-1-5-21-884495582-1387271928-313593124-2632
C:\>_
```

FIGURE 3: GET CURRENT USER AND SID

2. Start the SQL Server Studio Management Console and select the RecipeMangerPluse database (**RecMngrPlusDB**), then find the **UserGroups** table.

Microsoft SQL Server Management Studio

File Edit View Project Debug Query Designer Tools Window Community Help

New Query

Change Type

Object Explorer

Connect

TSM2008C (SQL Server 10.50.4000 - CIMNET\tsupport1)

- Databases
 - System Databases
 - Database Snapshots
 - ArchestrAServicesDB
 - Recipe_Manger
 - RecMgrPlusDB
 - Database Diagrams
 - Tables
 - System Tables
 - dbo.rm_EquipmentOperations
 - dbo.rm_EquipmentParameterExtDefs
 - dbo.rm_EquipmentParameterExts
 - dbo.rm_EquipmentParameters
 - dbo.rm_Equipments
 - dbo.rm_FormulaParameterDetails
 - dbo.rm_FormulaParameterExts
 - dbo.rm_FormulaParameters
 - dbo.rm_Formulas
 - dbo.rm_FormulaTemplateParameterExtDefs
 - dbo.rm_FormulaTemplates
 - dbo.rm_ParameterExtDefs
 - dbo.rm_Procedures
 - dbo.rm_ProcedureTokens
 - dbo.rm_RecipeParameterMapExts
 - dbo.rm_RecipeParameterMaps
 - dbo.rm_Recipes
 - dbo.rm_Sites
 - dbo.rm_SystemConfiguration
 - dbo.rm_UnitOfMeasures
 - dbo.rm_UserGroupRoles
 - dbo.rm_UserGroups
 - dbo.rm_UserRoles
 - Views
 - Synonyms
 - Programmability
 - Service Broker

TSM2008C.Re...rm_UserGroups

Id	Name	DisplayName	Sid	SiteId	IsGroup
1	TSM2008C\ad...	TSM2008C\ad...	S-1-5-21-15103...	1	False
6	User_0001	NULL	1220ec53-c53b-...	1	False
*	NULL	NULL	NULL	NULL	NULL

Properties

[Qry] Query1.dttq

(Identity)

(Name) Query1.dttq

Database Name RecMgrPlusDB

Server Name tsvm2008c

Query Designer

Destination Table

Distinct Values No

GROUP BY Extensio <None>

Output All Columns No

Query Parameter Li No parameters have been defined

SQL Comment ***** Script for SelectT

Top Specification Yes

(Identity)

Ready

FIGURE 4: REC_MNGRPLUSDB/USERGROUPS

3. Replace the local user **TSVMC\Administrator** with your domain user and SID by right-clicking inside the field and replacing the user and SID values.

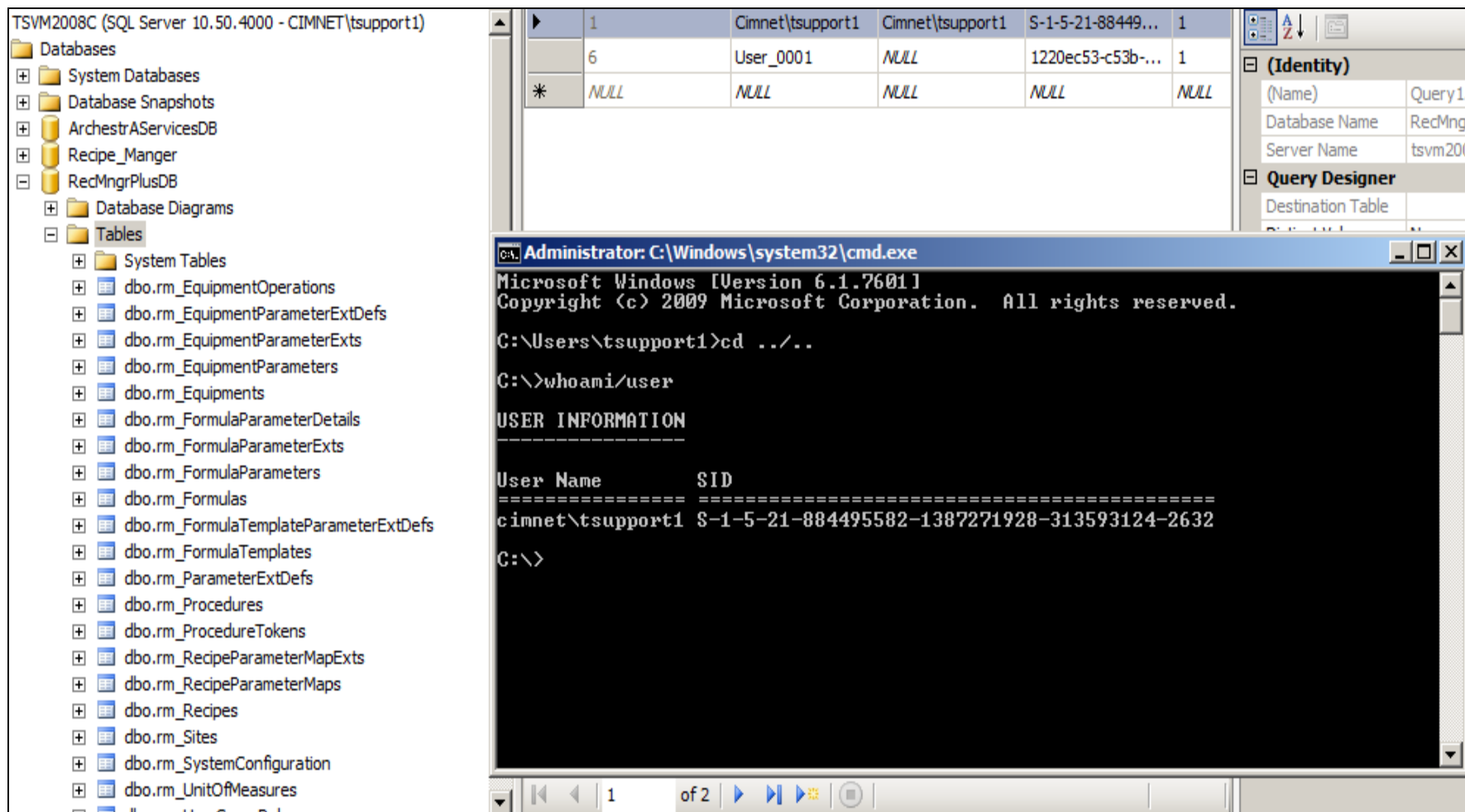


FIGURE 5: REPLACE USER AND SID VALUES

4. Start IIS Manager and change the Application Pool identity to your domain user (from the local administrator who installed Recipe Manager 2014).

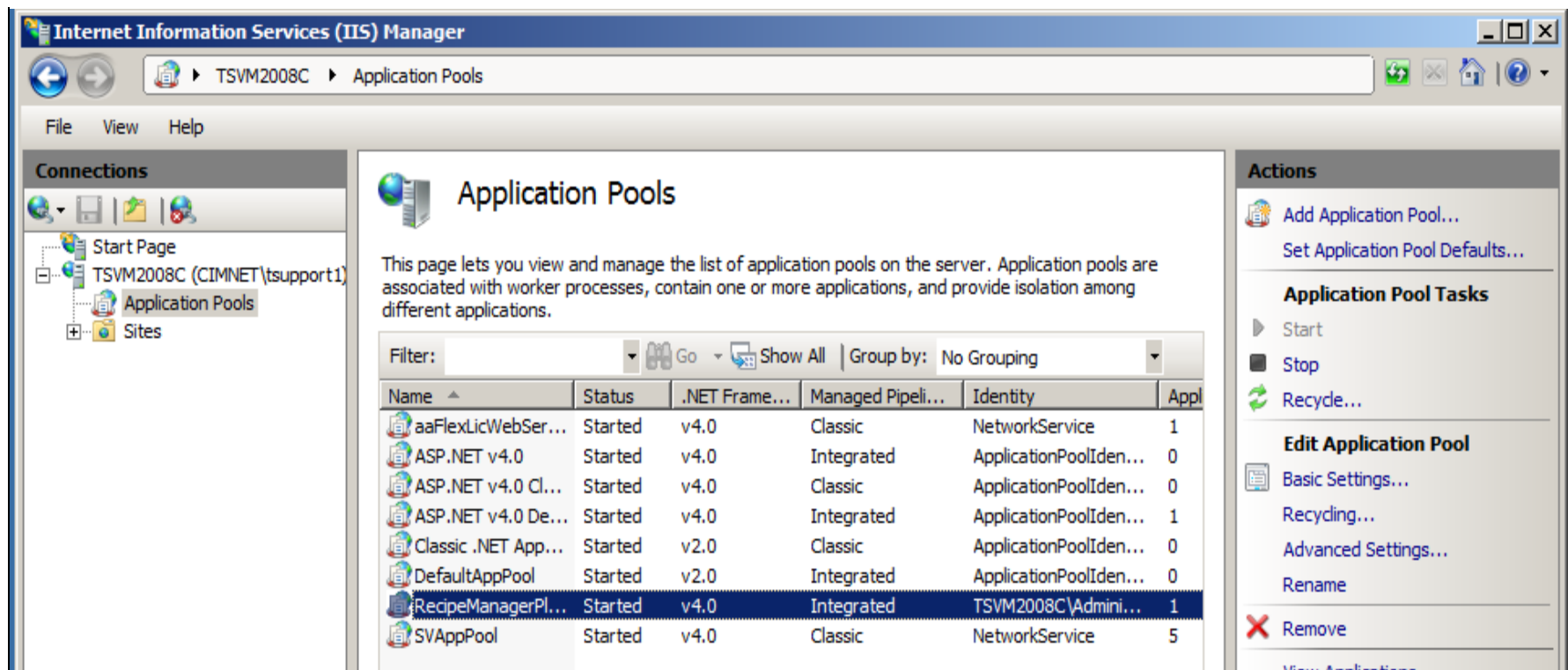


FIGURE 6: APPLICATION POOL IDENTITY

5. Select the **RecipeManagerPlus** Application Pool and click **Advanced Settings**.

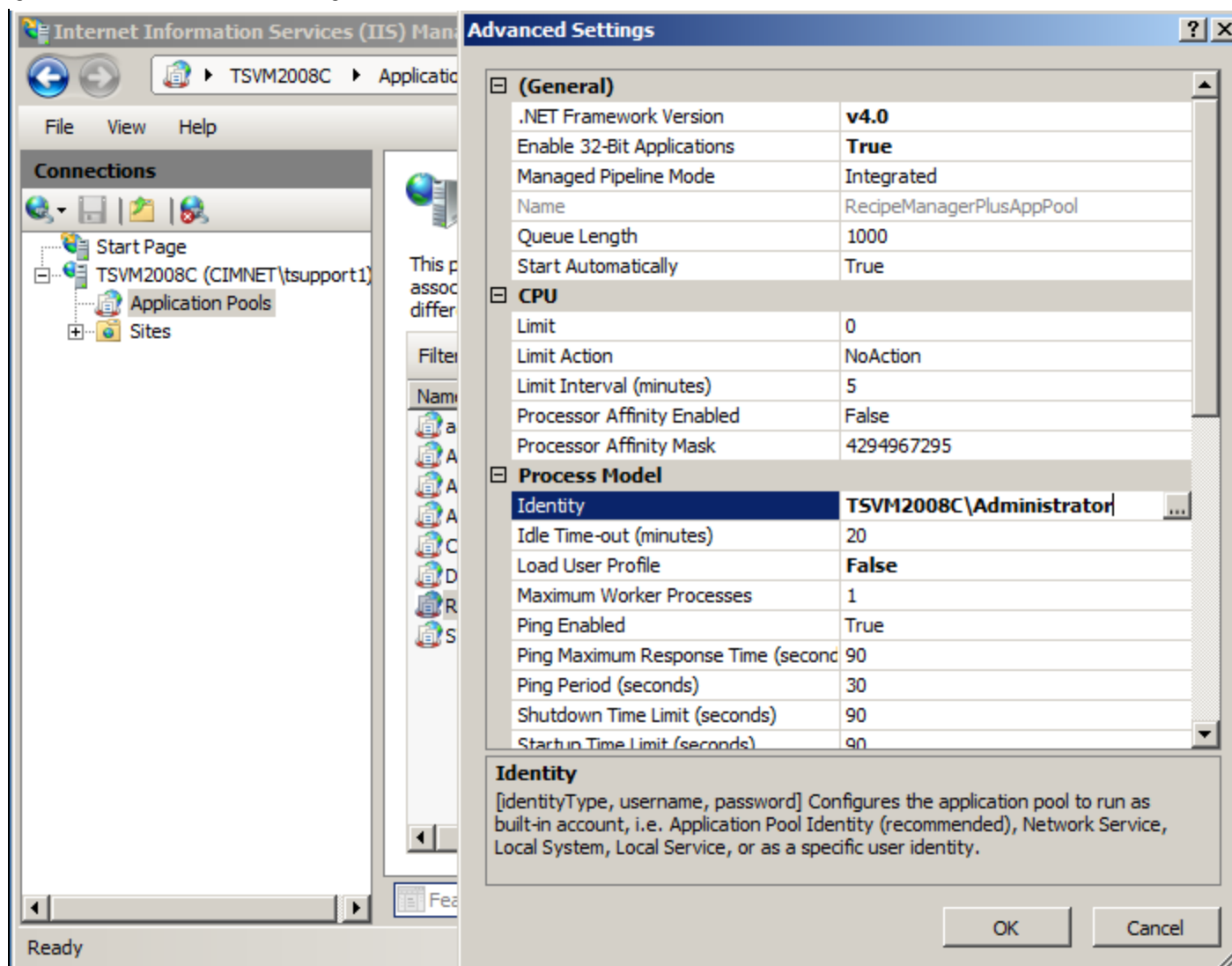


FIGURE 7: ADVANCED SETTINGS TO IDENTIFY THE INSTALLER

6. In the **Process Model** area you will see **TSVM2008C\Administrator**.

Change this to our domain user.

7. Click the **Ellipsis** [...] button.

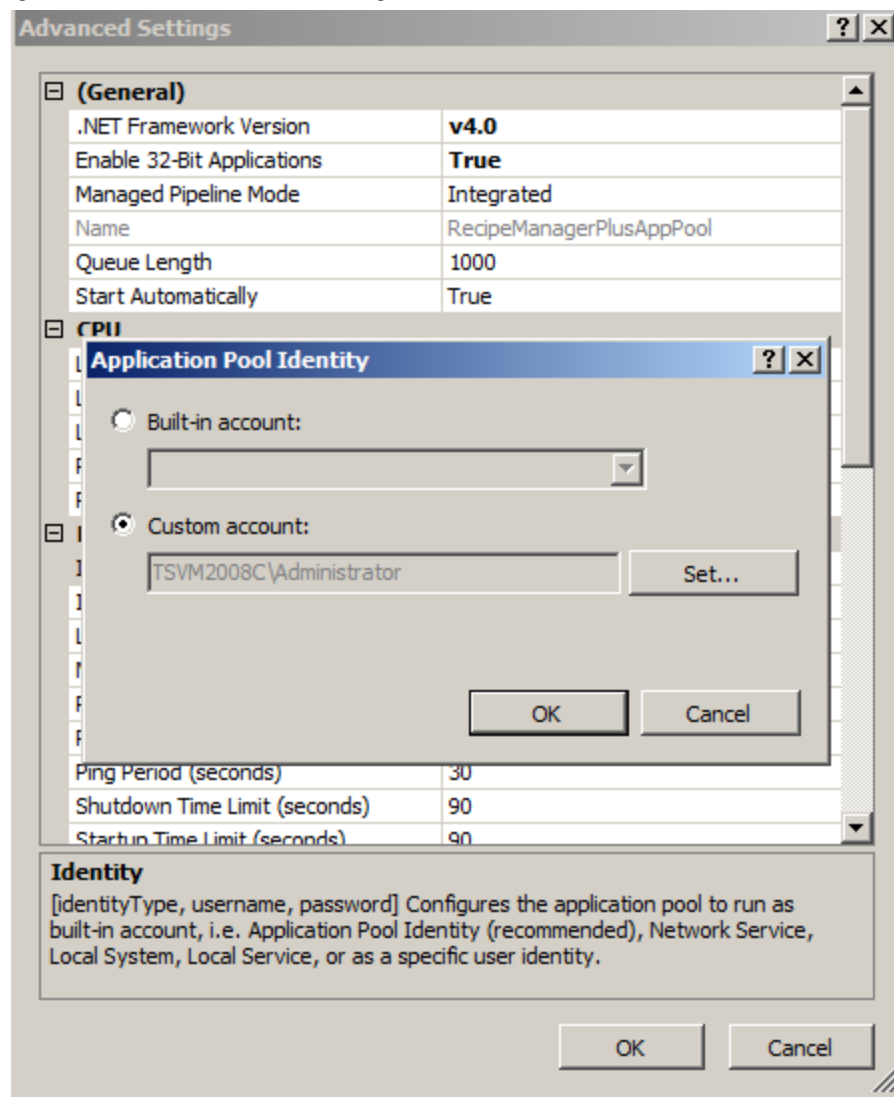


FIGURE 8: CHANGE THE APPLICATION POOL IDENTITY

8. Click **Set** and type the domain user and password.
9. Click **OK** to recycle the RecipeManger plus Application Pool.

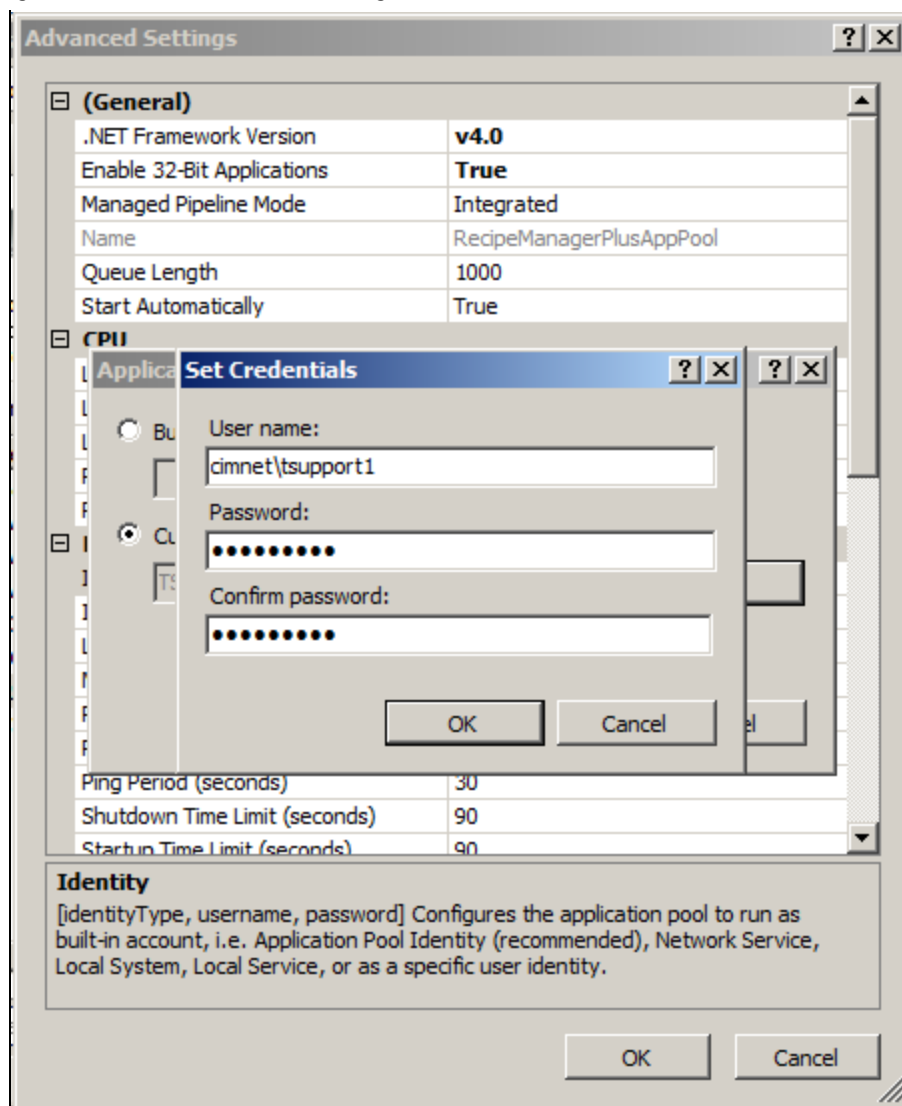


FIGURE 9: SET THE RECIPEMANAGER CREDENTIALS

10. The RecipeManagerPlus Application Pool is now running under a Domain Account.

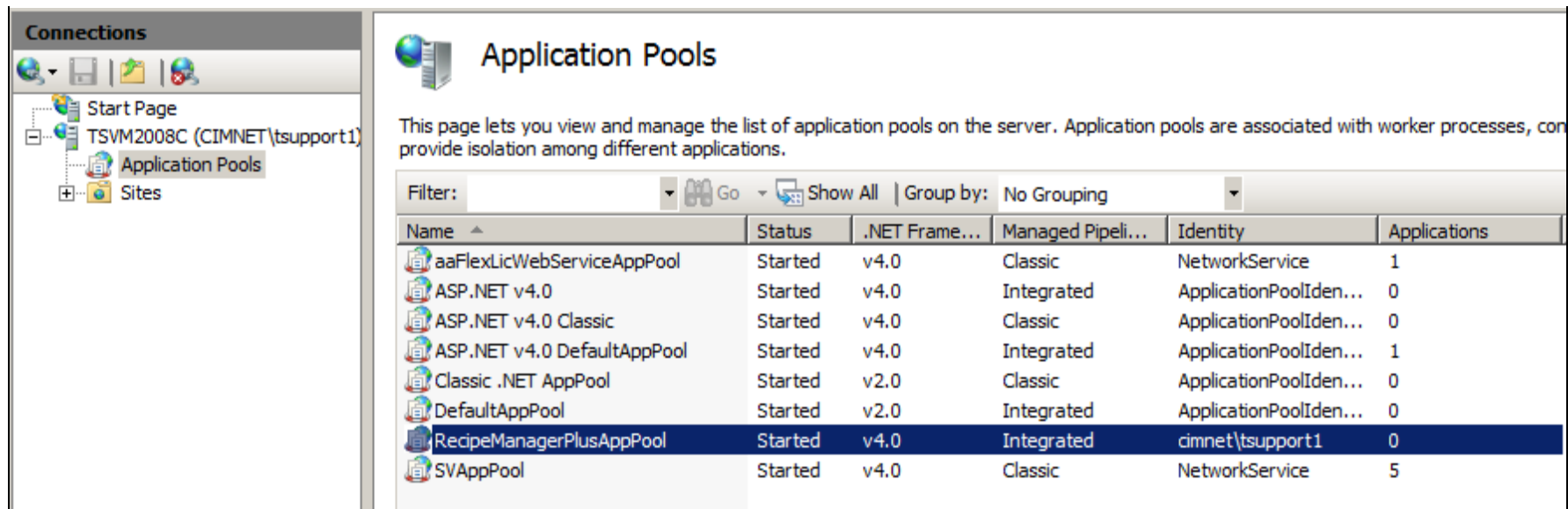


FIGURE 10: APPPOOL RESET

11. Start Configurator and change the Application Pool identity to the Domain user. Figure 11 (below) shows the Configurator before a re-start, with the Local User.

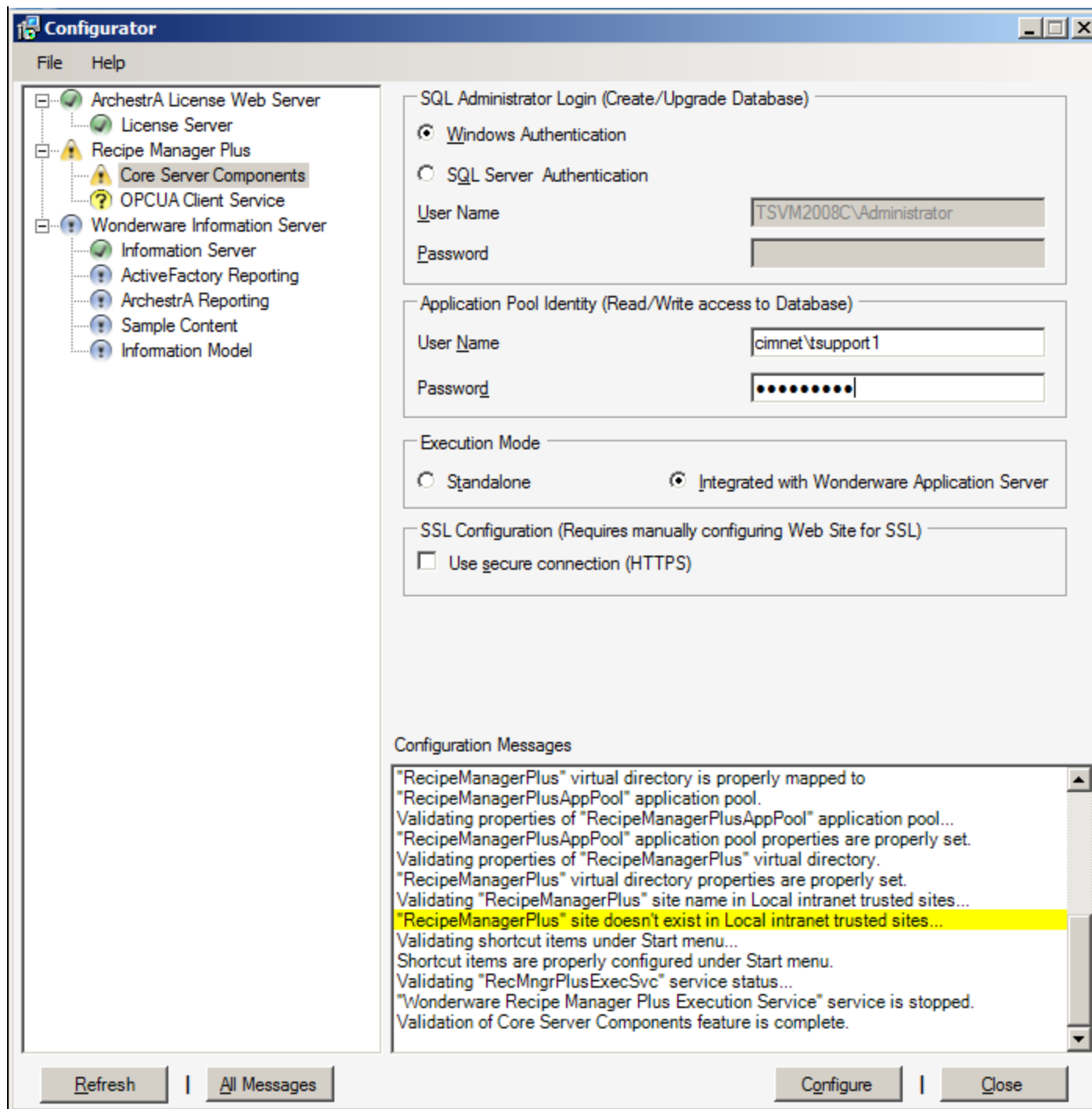


FIGURE 11: CHANGE TO THE DOMAIN USER

You might need to close and re-open Configurator so that the SQL Admin login value is changed to the domain user.

12. After restarting Configurator you will see that the SQL Administrator is now the domain user.

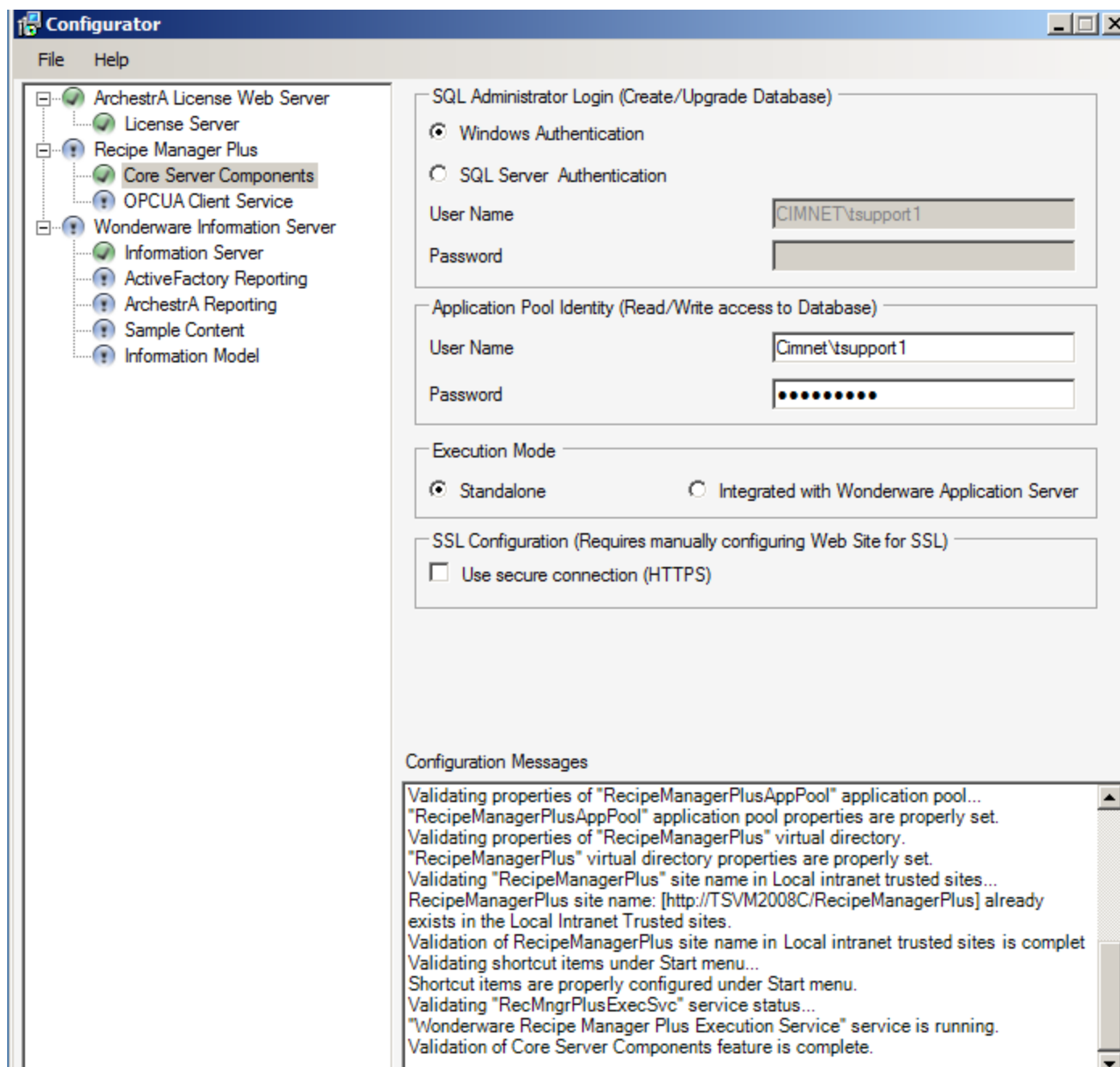


FIGURE 12: NAME VALIDATED

13. Re-run Configurator as the domain user. Recipe Manager is now configured for the Domain user that you just added.

14. Start RecipeManagerPlus from your browser and will now be able to use RecipeManager Plus on the domain.

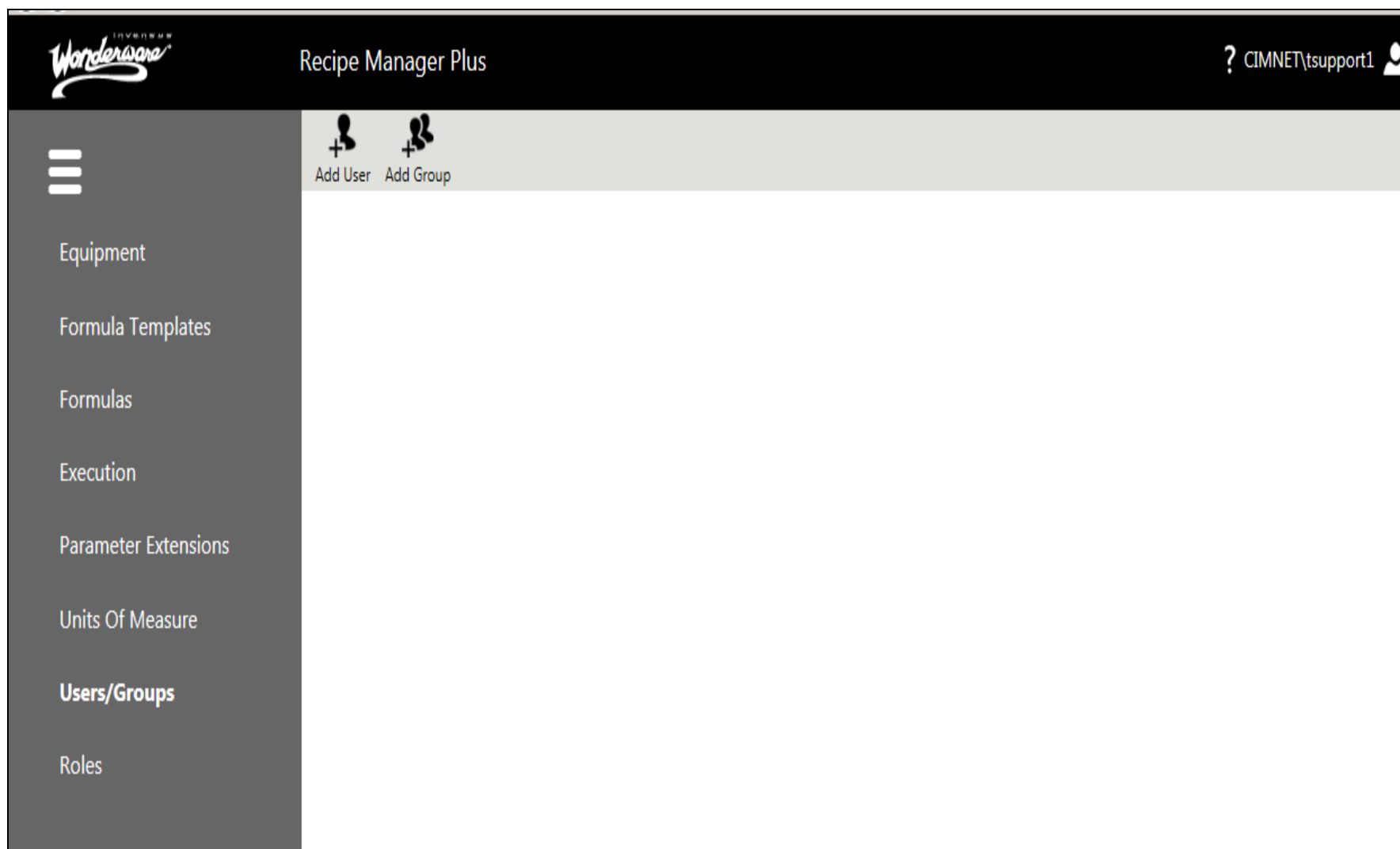


FIGURE 13: RECIPE MANAGER PLUS RUNNING UNDER DOMAIN USER ACCOUNT

If you want to revert back just follow the same steps, but use the local machine users that you want in place of the Domain user.

J. Godfrey

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