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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 Administative 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).

🖶 Configurator		
File Help		
ArchestrA License Web Server ArchestrA License Web Server License Server Core Server Components OPCUA Client Service Wonderware Information Server ActiveFactory Reporting ArchestrA Reporting ArchestrA Reporting Information Model	SQL Administrator Login (Cro <u>W</u> indows Authentication <u>SQL</u> Server Authenticat <u>User Name</u> <u>Password</u> Application Pool Identity (Re User <u>N</u> ame	eate/Upgrade Database)
	Execution Mode C Standalone SSL Configuration (Requires Use secure connection	Integrated with Wonderware Application Server s manually configuring Web Site for SSL) (HTTPS)
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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.

erver Error in Application "DEFAULT WEB	SITE/RECIPEMANAGERPLUS"	
	Internet Information	Servi
Error Summary HTTP Error 403.0 - Forbidden You do not have permission to view this directory or page.		_
Detailed Error Information		
Module global.asax Reque:	sted URL http://tsvm2008c:80/RecipeManagerPlus	
Notification AuthorizeRequest Phys	ical Path C:\inetpub\wwwroot\RecipeManagerPlus	
Handler ExtensionlessUrlHandler-Integrated-4.0 Logor	Method Negotiate	
Error Code 0x0000000 Log	jon 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: Oreate a tracing rule to track failed requests for this HTTP status code. For more i	nformation about creating a tracing rule for failed requests, click <u>here</u> .	
Links and More Information This generic 403 error means that the authenticated user is not authorized to use the requirements above to gather more information about the	uested resource. A substatus code in the IIS log files should indicate the reason for the 403 error. If a source of the error.	

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



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.



file:///C|/inetpub/wwwroot/t002919/t002919.htm[12/17/2014 8:45:54 AM]

FIGURE 4: RECMNGRPLUSDB/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).

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ImprecipeManagerPl Started v4.0 Integrated TSVM2008C (Admini 1 SVAppPool Started v4.0 Classic NetworkService 5									

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.

The second secon	
NET Framework Version	v4.0
nable 32-Bit Applications	True
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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.

Ξ (General)				-
	NET Frame	work Version	v4.0		
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FIGURE 9: SET THE RECIPEMANAGER CREDENTIALS

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



Application Pools

This page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, con provide isolation among different applications.

Name 🔺	Status	.NET Frame	Managed Pipeli	Identity	Applicatio
aaFlexLicWebServiceAppPool	Started	v4.0	Classic	NetworkService	1
ASP.NET v4.0	Started	v4.0	Integrated	ApplicationPoolIden	0
ASP.NET v4.0 Classic	Started	v4.0	Classic	ApplicationPoolIden	0
🕼 ASP.NET v4.0 DefaultAppPool	Started	v4.0	Integrated	ApplicationPoolIden	1
Classic .NET AppPool	Started	v2.0	Classic	ApplicationPoolIden	0
DefaultAppPool	Started	v2.0	Integrated	ApplicationPoolIden	0
RecipeManagerPlusAppPool	Started	v4.0	Integrated	cimnet\tsupport1	0
SVAppPool	Started	v4.0	Classic	NetworkService	5

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.

🖶 Configurator		
File Help		
ArchestrA License Web Server License Server Core Server Components OPCUA Client Service Wonderware Information Server ActiveFactory Reporting ArchestrA Reporting Sample Content Information Model	SQL Administrator Login (Ca © <u>W</u> indows Authentication © SQL Server Authentication Quern Name Password Application Pool Identity (R User <u>N</u> ame Password Execution Mode © Standalone SSL Configuration (Require Querne Use secure connection	reate/Upgrade Database) n ation TSVM2008C\Administrator Read/Write access to Database) cimnet\tsupport1
	Configuration Messages "RecipeManagerPlus" virtual "RecipeManagerPlusAppPoo Validating properties of "Reci "RecipeManagerPlusAppPoo Validating properties of "Reci "RecipeManagerPlus" virtual Validating "RecipeManagerPlus" "RecipeManagerPlus" site do Validating shortcut items und Shortcut items are properly of Validating "RecMngrPlusExe "Wonderware Recipe Manager Validation of Core Server Co	I directory is properly mapped to off application pool. ipeManagerPlusAppPool" application pool off application pool properties are properly set. ipeManagerPlus" virtual directory. I directory properties are properly set. Ius" site name in Local intranet trusted sites besn't exist in Local intranet trusted sites der Start menu configured under Start menu. coSvc" service status er Plus Execution Service" service is stopped. mponents feature is complete.
Refresh All Messages		Configure

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.

🖶 Configurator		
File Help		
ArchestrA License Web Server ArchestrA License Web Server License Server Recipe Manager Plus OPCUA Client Service OPCUA Client Service OPCUA Client Service Ordenware Information Server ActiveFactory Reporting ArchestrA Reporting Sample Content Information Model	SQL Administrator Login (Windows Authentication SQL Server Authentic User Name	Create/Upgrade Database) on ation CIMNET\tsupport1
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	Password	•••••
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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.

Horderware	Recipe Manager Plus	? CIMNET\tsupport1 💄
=	Add User Add Group	
Equipment		
Formula Templates		
Formulas		
Execution		
Parameter Extensions		
Units Of Measure		
Users/Groups		
Roles		

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.

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