Tech Note 772 Disabling UAC for Wonderware® Product Support on Windows 2008 Server R2 – 64 bit

All Tech Notes, Tech Alerts and KBCD documents and software are provided "as is" without warranty of any kind. See the Terms of Use for more information.

Topic#: 002552 Created: April 2011 Updated: September 2011

Introduction

User Account Control (UAC) is a new security component for Windows Server 2008.

UAC enables users to perform common tasks as Non-Administrators, who were called Standard Users in Windows 2000. Non-Administrators can also perform common tasks as Administrators without having to switch users, log off, or use Run As. A Standard User account in Windows 2000 is synonymous with a User Account in Windows XP. User accounts who are members of the *local* Administrators group will run most applications as a Standard User.

This *Tech Note* applies ONLY to Windows Server 2008 R2 (64 bit). The following information describes disabling the Windows 2008 R2 User Account Control (UAC) in order to allow Wonderware® Products to operate correctly.

Note: Disabling UAC for Windows 2008 SP2 is covered in Tech Note 733 Disable UAC on Windows Server 2008 SP2.

Application Versions

- All Wonderware Products
- Windows Server 2008 R2 (64 bit)
- Windows 7

Issues

There are many problems associated with running Wonderware Products in Windows 2008 R2 with the User Account Control (UAC) enabled. The problems include but are not limited to

- Deployment failure to a remote node.
- Unable to see the remote node in the SMC.

You must disable the User Account Control (UAC) on Windows Server 2008 R2 when running any Wonderware Product.

Solution

Disabling UAC for Wonderware® Product Support on Windows 2008 Server R2 - 64 bit

You can disable User Account Control by doing any of the following:

- Disable the UAC from the Control Panel
- Disable UAC Using the Command Prompt
- Disabling UAC Using the Registry Editor

Note: The following instructions describe *disabling* the user account, not adding or removing it. All the following steps assume that UAC is enabled.

Disable the UAC From the Control Panel

to disable the UAC from the Windows Control Panel

1. Click Start > Control Panel.



FIGURE 1: WINDOWS 2008 SERVER CONTROL PANEL

- 2. Click User Accounts.
- 3. In the User Accounts tasks window, click Change User Account Control settings.

Disabling UAC for Wonderware® Product Support on Windows 2008 Server R2 – 64 bit



FIGURE 2: CHANGE USER ACCOUNT CONTROL SETTINGS

4. Move the slider button to the bottom of the scale, where it says **Never notify**.





5. Click **OK** and reboot your computer.

Disabling UAC Using the Command Prompt

To disable the UAC using the Command Prompt

- 1. Open the Command Prompt window.
- 2. Type msconfig and press Enter.
- 3. The System Configuration dialog box appears.

Deral Darb Carriera Charban Tanka		
The all Book Services Scarcup Tools		
Startup selection		
<u>Normal startup</u>		
Load all device drivers and services		
C Diagnostic startup		
Load basic devices and services only		
C Selective startup		
Doad system services		
🔽 Load startup items		
Use original boot configuration		
OK Cancel	Apply	Help

FIGURE 5: SYSTEM CONFIGURATION OPTIONS WINDOW

4. Click the Tools tab and select Change UAC Settings.

Toorradine	Description	_		
About Windows	Display Windows version information.			
Change UAC Settings	Change User Account Control settings.			
Windows Troubleshooting	Troubleshoot problems with your computer.			
Computer Management	View and configure system settings and components.			
System Information	View advanced information about hardware and software settings.			
Event Viewer	View monitoring and troubleshooting messages.			
Programs	Launch, add or remove programs and Windows components.			
System Properties	View basic information about your computer system settings.			
Internet Options	View Internet Properties.			
(•		
elected command:				
:\Windows\System32\UserA	AccountControlSettings.exe			

FIGURE 6: SYSTEM CONFIGURATION > TOOLS > CHANGE UAC SETTINGS

- 5. Click Launch.
- 6. Move the slider button to the bottom of the scale, where it says **Never notify**.



FIGURE 7: NEVER NOTIFY

7. Click **OK** and reboot your computer.

Note: All the above tasks require a reboot after UAC has been disabled. For details about other Wonderware product support on the Windows Server 2008 system, refer to the Wonderware products' Readme files.

Disabling the UAC Using the Registry Editor

The following steps also apply to the Windows 7 Operating System.

- 1. Click Start and type regedit in the Search field.
- 2. Press Enter to open the Registry Editor window.

Disabling UAC for Wonderware® Product Support on Windows 2008 Server R2 - 64 bit

e cuit viev	ravontes riep	-	-
Compute HKEY HKEY HKEY HKEY SA SC SC	CLASSES_ROOT CURRENT_USER LOCAL_MACHINE DO000000 ARDWARE M CURITY DFTWARE ArchestrA ATI Technologies Classes Clients Intel Microsoft Microsoft AD-		Name
b	ADs	22.5	12211



3. Browse to the following registry entry key:

HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Policies\System

Disabling UAC for Wonderware® Product Support on Windows 2008 Server R2 – 64 bit

ile	Edit	View	Favorites Help				
ile	Edit	View	Favorites Help MCT Media Center MMDevices MSSHA MSSHA NetCache OEMInformation OOBE OPtimalLayout Parental Controls Personalization PhotoPropertyHat PhotoPropertyHat PhotoPropertyHat PhotoPropertyHat PhotoPropertyHat Policies ActiveDesktop Attachments Explorer NonEnum System UIPI UIPI	•	Name (Default) ConsentPromptBehaviorAdmin ConsentPromptBehaviorUser dontdisplaylastusername EnableInstallerDetection EnableLUA EnableSecureUIAPaths EnableVirtualization FilterAdministratorToken Iegalnoticecaption Iegalnoticetext PromptOnSecureDesktop scforceoption shutdownwithoutlogon Undockwithoutlogon ValidateAdminCodeSignatures	Type REG_SZ REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_SZ REG_SZ REG_SZ REG_SZ REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD	Data (value not set) 0x0000002 (2) 0x00000003 (3) 0x00000000 (0) 0x00000000 (0) 0x00000000 (0) 0x00000000 (0) 0x00000000 (0) 0x00000000 (1) 0x00000000 (0) 0x00000000 (1) 0x00000000 (1) 0x00000000 (0)
			PreviewHandlers PropertySystem Reliability RenameFiles Run RunOnce	•			
		11	+		< III		

FIGURE 9: ENABLELUA REGISTRY SETTING

- 4. Set the EnableLUA value to O.
- 5. Reboot the computer.

References

- Tech Alert 97 Windows® Vista Support: Disable User Account Control (UAC) Before Installing Wonderware Products
- Tech Note 733 Disable UAC on Windows Server 2008 SP2
- Microsoft TechNet Library
 - http://technet.microsoft.com/en-us/library/cc709691(WS.10).aspx
 - http://technet.microsoft.com/en-us/library/ff715520(WS.10).aspx

B. Shah and A. Shebl

Tech Notes are published occasionally by Wonderware Technical Support. Publisher: Invensys Systems, Inc., 26561 Rancho Parkway South, Lake Forest, CA 92630. There is also technical information on our software products at Wonderware Technical Support.

Disabling UAC for Wonderware® Product Support on Windows 2008 Server R2 - 64 bit

For technical support questions, send an e-mail to support@wonderware.com.

Back to top

© 2011 Invensys Systems, Inc. All rights reserved. No part of the material protected by this copyright may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, broadcasting, or by anyinformation storage and retrieval system, without permission in writing from Invensys Systems, Inc. Terms of Use.