



## Persystent Suite 6.0

# **CONFIGURING WSUS INTEROPERATION**

#### **Overview**

This document details how to configure Group Policy settings related to Windows Update in order to have correct operation with Persystent Suite.

#### **Requirements**

- WSUS 3.0 SP1, 3.0 SP2, 4.0
- Client computer: Microsoft .NET Framework 3.5
- Client computer: Unique SusClientIdregistry value

### **Enabling WSUS**

To enable WSUS integration, the WSUS policy needs to be enabled in the Pre-Boot policy. To do this:

- 1. Launch the WebUI web console.
- 2. Log into the web console.
- 3. In the left navigation pane under **Policy** select **Pre-Boot**.
- 4. In the Available Pre-Boot Policies select the policy that you wish to use with WSUS.
- In the Windows Update & SMS/SCCM section, locate the Patch Services dropdown box. Select WSUS from the list.
- 6. Click Save. Windows Update & SMS/SCCM

Patch Services:	wsus 🗸	Restart options after updates:	Force Restart (Snooze Option)
Patch Services CleanUp Task:	Patch Services Cleanup 🗸	Patch Services Capture Task:	Patch Services Capture
WSUS Check For Update On:	Schedule Time Only	WSUS Schedule Days:	Everyday 🗸
WSUS Schedule Time:	3 AM 🗸		





#### Configuring Group Policy for WSUS

The procedure to configure Group Policy for WSUS is as follows:

- 1. Configure a Group Policy Object (GPO) which is linked to an organizational unit that contains Persystent clients. (The best practice is to create a GPO that only contains settings for WSUS).
- 2. Open the Group Policy Management Editor for the WSUS GPO. In the left pane, expand Computer Configuration | Policies | Administrative Templates | Windows Components | Windows Update.
- 3. Double click **Configure Automatic Updates**. The Properties dialog box appears.
- 4. In the dialog box:
  - A. Select Disabled.
  - B. Then click **OK**.

See Configure Automatic Updates						
Configure Automatic Updates		Previous Setting Next Setting				
<ul> <li>Not Configured</li> <li>Enabled</li> <li>Disabled</li> </ul>	Comment: Supported on:	Windows XP Professional Service Pack 1 or At least Windows 2000 Service Pack 3         V				
Options:		Help:				
Options:  Configure automatic updating: The following settings are only required and applicable if 4 is selected. Install during automatic maintenance Scheduled install day: Scheduled install time:		<ul> <li>Specifies whether this computer will receive security updates and other important downloads through the Windows automatic updating service.</li> <li>I and</li> <li>Note: This policy does not apply to Windows RT.</li> <li>This setting lets you specify whether automatic updates are enabled on this computer. If the service is enabled, you must select one of the four options in the Group Policy Setting:</li> <li>2 = Notify before downloading and installing any updates.</li> <li>When Windows finds updates that apply to this computer, users will be notified that updates are ready to be downloaded. After going to Windows Update, users can download and install any available updates.</li> <li>3 = (Default setting) Download the updates automatically and notify when they are ready to be installed</li> <li>Windows finds updates that apply to the computer and</li> </ul>				
		OK Cancel Apply				

- 5. Double click **Specify intranet Microsoft update service location**. The Properties dialog box appears.
- 6. In the dialog box:
  - A. Select Enabled.





- B. In the Set the intranet update service for detecting updates box and the Set the intranet statistics server box, type the URL of the same WSUS server in both boxes, and then click OK.
- C. For example: http://servername or https://servername is the name of your WSUS server. In the example shown, WSUS-Server is the server name.

Specify intranet Microsoft update service location							
Specify intranet Microsoft update service location Previous Setting Next Setting							
<ul> <li>Not Configured</li> <li>Enabled</li> <li>Disabled</li> <li>Supported on:</li> </ul>	At least Windows XP Professional Service Pack 1 or Windows 2000 Service Pack 3,						
Options:	Help:						
Set the intranet update service for dete updates:	cting Specifies an intranet server to host updates from Microsoft Update. You can then use this update service to automatically update computers on your network.	•					
http://WSUS-Server Set the intranet statistics server: http://WSUS-Server	This setting lets you specify a server on your network to function as an internal update service. The Automatic Updates client will search this service for updates that apply to the computers on your network.	=					
(example: http://lntranetUpd01)	To use this setting, you must set two servername values: the server from which the Automatic Updates client detects and downloads updates, and the server to which updated workstations upload statistics. You can set both values to be the same server.						
	If the status is set to Enabled, the Automatic Updates client connects to the specified intranet Microsoft update service, instead of Windows Update, to search for and download updates. Enabling this setting means that end users in your organization don't have to go through a firewall to get updates, and it gives you the opportunity to test updates before deploying	~					
	OK Cancel Apply	]					

7. Under the State column heading, all Settings should be Not configured except for: Configure Automatic Updates (Disabled) and Specify intranet Microsoft update service location (Enabled).





### **TECHNICAL BRIEF**

<u> </u>	Group Policy Management Editor		_ <b>D</b> X
File Action View Help			
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<ul> <li>Security Center</li> <li>Server for NIS</li> <li>Shutdown Options</li> <li>Smart Card</li> <li>Sound Recorder</li> <li>Sync your settings</li> <li>Tablet PC</li> <li>Tablet PC</li> <li>Task Scheduler</li> <li>Windows Calendar</li> <li>Windows Color System</li> <li>Windows Defender</li> <li>Windows Error Reportin</li> <li>Windows Installer</li> <li>Windows Mail</li> <li>Windows Media Center</li> <li>Windows Media Center</li> <li>Windows Media Digital</li> <li>Windows Media Digital</li> </ul>	Setting         Image: Do not display 'Install Updates and Shut Down' option in Sh         Image: Do not adjust default option to 'Install Updates and Shut Do         Image: Do not adjust default option to 'Install Updates and Shut Do         Image: Do not adjust default option to 'Install Updates and Shut Do         Image: Do not adjust default option to 'Install Updates and Shut Do         Image: Do not adjust default option to 'Install Updates and Shut Do         Image: Do not compact to Update Power Management to automati         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations         Image: Do not connect to any Windows Update Internet locations	State Not configured Not configured Not configured Disabled Enabled Not configured Not configured	Comment No No No No No No No No No No No No No
<ul> <li>Windows Messenger</li> <li>Windows Mobility Cent</li> <li>Windows PowerShell</li> <li>Windows Reliability Ani</li> </ul>	Allow signed updates from an intranet Microsoft update ser	Not configured	No
Vindows Remote Mana	Extended & Standard		>
18 setting(s)			

8. Exit the editor.

**NOTE** If WSUS is selected in the **Patch Services** list and your Active Directory or Local Computer Policy does not provide a service location in the **Specify intranet Microsoft update service location** dialog box (Not Configured or Disabled), automatic updates will run and use www.update.microsoft.com as the service location.

### **Additional Information**

A Windows XP-based computer that was set up by using a Windows 2000 or Windows XP image does not appear in the Windows Server Update Services (WSUS) console <u>http://support.microsoft.com/kb/903262</u>

#### **Best Practices with Windows Server Update Services**

http://technet.microsoft.com/en-us/library/cc720525%28v=ws.10%29.aspx

#### **Configure Automatic Updates by Using Group Policy**

http://technet.microsoft.com/en-us/library/cc720539%28WS.10%29.aspx





## TECHNICAL BRIEF

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