**The complete SANCLA guide to WSUS maintenance**

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# Tips

* Always use a SQL (Express) server instead of the WID
* Configure the WSUS server properly (see documentation links)
* Configure the Group Policy!  
  (and take into account the users/laptops who seldom connect to your network)

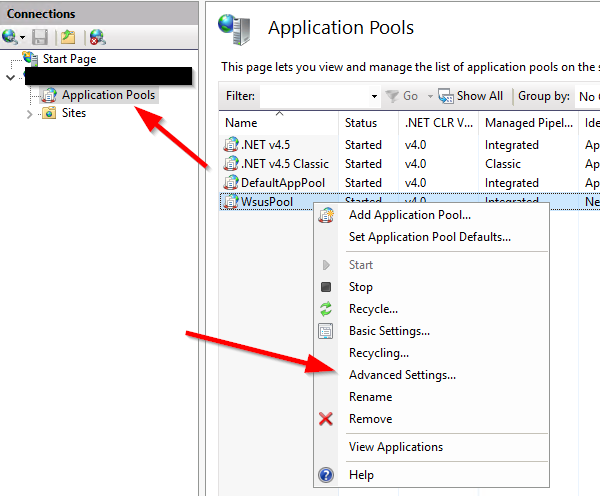
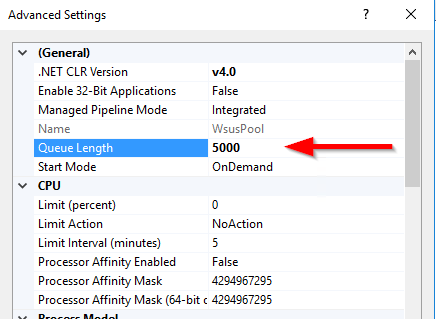
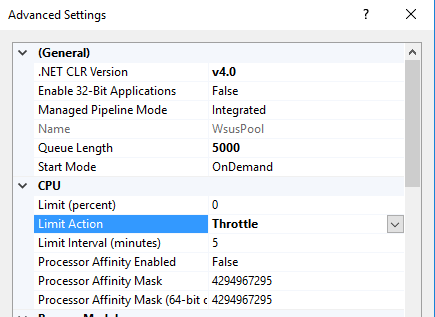
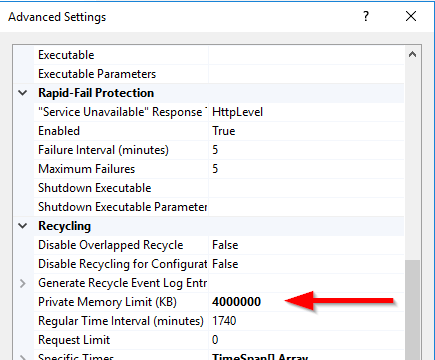
# Documentation

1. Microsoft - Plan your WSUS deployment  
   <https://docs.microsoft.com/en-us/windows-server/administration/windows-server-update-services/plan/plan-your-wsus-deployment>
2. How I build and maintain WSUS Server  
   <https://www.meinekleinefarm.net/how-i-build-and-maintain-wsus-server/>

# Install the necessary tools

1. Download the latest SQL Management Studio  
   <https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-2017>

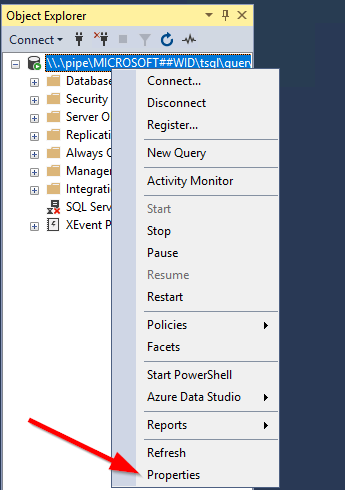
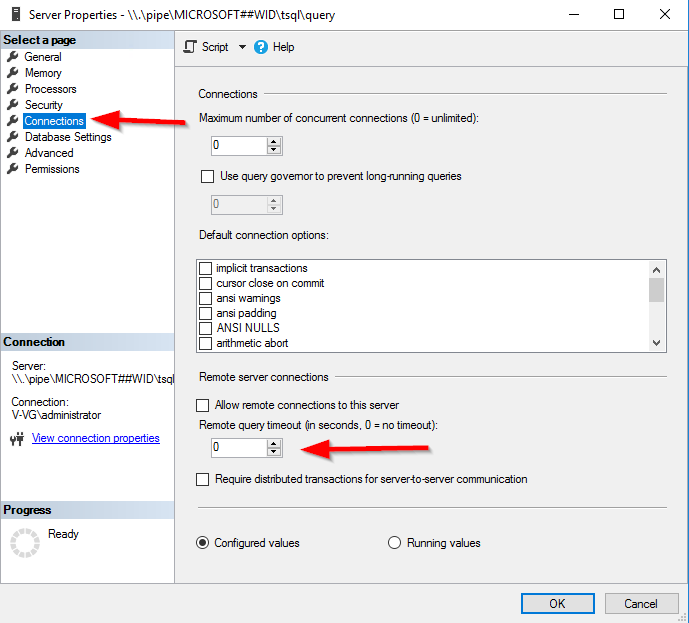
# Configure Internet Information Services

1. Open Internet Information Services (IIS) Manager
2. Goto Application Pools and open the Advanced Settings of the WsusPool  
   
3. Change the Queue Length to “5000”  
   
4. Change the Limit Action to “Throttle”  
   
5. Change the Private Memory Limit to “4000000”  
   

# Configure the SQL Server (WID)

1. Open the SQL Management Studio, preferrebly with the same (administrator) account that u used to install the WSUS with.
2. Connect to the WID database server  
   2003/2008: \\.\pipe\MSSQL$MICROSOFT##SSEE\sql\query

2012/2016: \\.\pipe\MICROSOFT##WID\tsql\query

1. Select the SQL server and open the properties  
   
2. Goto Connections and set the “Remote query timeout” value to 0 (unlimited).  
   
3. Save and close everything

# Configure the WSUS maintenance script

1. Download the latest script version from Github:  
   <https://github.com/SANCLA/WSUS-Maintenace>
2. Configure the script as a service, follow the instructions in the readme.docx file
3. First time you run the script, it can take a long time to finish…