

Configuring a Windows Network Time Protocol Server

This document will review the settings required to configure Windows as a NTP time server.

Note: If you are running VRM and have the Time Server enabled, you must disable the Time Server before performing the following.

Windows NTP Server:

Requirements: Windows XP Professional/Windows Server 2003 or greater

1. Click on Start, and then select Run. In the Run box enter gpedit.msc and click OK.

Run	? 🛛
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	gpedit.msc 🗸 🗸 🗸
	OK Cancel Browse

2. In the Group Policy window that opens, navigate to Computer Configuration, Administrative Templates, System, Windows Time Service, Time Providers. You should then see 3 options like the screenshot below shows.

Ele Action Yiew Help Image: Second Se				
← →				
Local Computer Policy Zomputer Configuration Software Settings Gondows Settings Administrative Templater	N 💼			
Aufinitist aver templates Mindows Components System User Profiles Gripts Gripts Disk Quotas Met Logon Group Policy Remote Assistance System Restore	Select	Time Providers an item to view its description.	Setting Enable Windows NTP Client Configure Windows NTP Client Enable Windows NTP Server	
Error Reporting Windows File Protection Remote Procedure Call Windows Time Service Internet Communication I Distributed COM Network Printers Windows Settings Windows Settings Windows Settings Administrative Templates	Exter	nded 🔨 Standard /		



3. Right click on "Enable Window NTP Server" and select properties. In the property page that appears, click the "Enabled" radio button, and then click on OK.

Enable Windows NTP Server Properties	?	×
Setting Explain		
Enable Windows NTP Server		
Not <u>C</u> onfigured		
Supported on: At least Microsoft Windows XP Professional or Windo Previous Setting Next Setting		
OK Cancel Ar	oply	

4. Click on the Windows Time Service folder in the Group Policy Window. Right click on the Global Configuration Settings option and select Properties.





5. Select the Enabled radio button, then scroll down to the Announce Flags section. Adjust your Announce Flags to 5 from the default entry of 10. This tells other systems that the time you are providing via the network is a trusted source.

Global Configuration Settings Properties				
Setting Explain				
🗊 Global Configuration Settings				
◯ Not <u>C</u> onfigured				
O <u>D</u> isabled				
PollAdjustFactor 5				
SpikeWatchPeriod 90				
UpdateInterval 30000 🗢				
General Parameters				
AnnounceFlags 5				
EventLogFlags 2				
LocalClockDispersion 10				
MaxPollInterval 15 🗢				
Supported on: At least Microsoft Windows XP Professional or Windo				
Previous Setting <u>N</u> ext Setting				
OK Cancel Apply				

6. Your Windows System will now provide NTP time to any client that asks!