# C:\Users\stefano.maggi.CONBIPELSPA\Desktop\prom38.png

**Date**: 04/07/2012

**Procedure:** How to determine the date and time on a remote system using WMI?

**Source:** [**LINK**](http://haripotter.wordpress.com/2010/12/28/how-to-determine-the-date-and-time-on-a-remote-system-using-wmi/)

**Permalink:** [**LINK**](http://heelpbook.altervista.org/2012/how-to-determine-the-date-and-time-on-a-remote-system-using-wmi/)

**Created by:** HeelpBook Staff

**Document Version:** 1.0

# [**How to determine the date and time on a remote system using WMI?**](http://heelpbook.altervista.org/2012/how-to-determine-the-date-and-time-on-a-remote-system-using-wmi/)

*How to determine the date and time on a remote system using WMI?*

At times, there may be a need to **sync** your client systems time with a remote system before executing a test. There are otherways to sync windows system time such as **NTP** servers. Below is one way to getting the target system time using **WMI**.

This is a "**modified**" (and tested) version of the original script posted on **haripotter.wordpress.com** by **HeelpBook Staff**.

'Here how to use this function

tGetTargetSystemDateTime "computer", "username or DOMAIN\username", "password"

Function tGetTargetSystemDateTime(ByVal hostname, ByVal username, ByVal password)

strComputer = hostname

msgbox(strComputer)

tGetTargetSystemDateTime = ""

wbemImpersonationLevelImpersonate = 3

wbemAuthenticationLevelPktPrivacy = 6

Set objLocator = CreateObject("WbemScripting.SWbemLocator")

Set objWMIService = objLocator.ConnectServer (hostname, "root\cimv2",username ,password)

objWMIService.Security\_.ImpersonationLevel = wbemImpersonationLevelImpersonate

objWMIService.Security\_.AuthenticationLevel = wbemAuthenticationLevelPktPrivacy

Set colItems = objWMIService.ExecQuery("Select \* From Win32\_OperatingSystem")

For Each objItem in colItems

strTime = objItem.LocalDateTime

tGetTargetSystemDateTime = WMIDateStringToDate(strTime)

msgbox(tGetTargetSystemDateTime)

Exit For

Next

Set colItems = nothing

Set objWMIService = nothing

Set objLocator = nothing

End Function

Private Function WMIDateStringToDate(ByVal strTime)

WMIDateStringToDate = CDate(Mid(strTime, 5, 2) & "/" & \_

Mid(strTime, 7, 2) & "/" & Left(strTime, 4) \_

& " " & Mid (strTime, 9, 2) & ":" & \_

Mid(strTime, 11, 2) & ":" & Mid(strTime, 13, 2))

End Function