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

**Date**: 28/06/2012

**Procedure:** Check status of a windows service on a remote system using WMI

**Source:** [**LINK**](http://haripotter.wordpress.com/2008/02/28/how-to-retrieve-the-status-of-a-windows-service-using-wmi-with-vbscript/)

**Permalink:** [**LINK**](http://heelpbook.altervista.org/2012/check-status-of-a-windows-service-on-a-remote-system-using-wmi/)

**Created by:** HeelpBook Staff

**Document Version:** 1.0

# **Check status of a windows service on a remote system using WMI**

In the automation world, you may be required to check whether the product that you wanted to test is installed and the application service is running properly. You could use the below code to accomplish that. Then call the function with appropriate test parameters.

For example :

strServiceStatus=sGetServiceStatus "targethostname", "ServiceName"

Below is the function (be sure to specify the **password** and the **username** of an administrative’s user):

Function sGetServiceStatus(ByVal strComputer, ByVal strServiceName)

if(strComputer = "") then

sGetServiceStatus = ""

Exit function

end if

wbemImpersonationLevelImpersonate = 3

wbemAuthenticationLevelPktPrivacy = 6

Set objLocator = CreateObject("WbemScripting.SWbemLocator")

Set objWMIService = objLocator.ConnectServer \_

(strComputer, "/root/CIMV2","youradminusername" ,"youradminpassword"

objWMIService.Security\_.ImpersonationLevel = wbemImpersonationLevelImpersonate

objWMIService.Security\_.AuthenticationLevel = wbemAuthenticationLevelPktPrivacy

Set colListOfServices = objWMIService.ExecQuery \_

("Select \* from Win32\_Service Where DisplayName ='"& strServiceName & "'")

if(colListOfServices.Count=0) then

sGetServiceStatus = ""

Exit function

end if

For Each objItem in colListOfServices

If objItem.DisplayName = strServiceName and objItem.State = "Running" Then

sGetServiceStatus = objItem.State

Exit Function

else

sGetServiceStatus = objItem.State

Exit function

End If

Next

sGetServiceStatus = ""

End Function