

Auto Service Check VBS



Created By BurnSoft.Net

Company Site:

<http://www.burnsoft.net>

Github Site:

https://github.com/burnsoftnet/Auto_Service_Check

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About



This VBScript will check all the Automatic Services on a windows machine and restart them if they are not up and running. The script has the ability to check the local machine or a remote machine.

This is task that we normally run on Task Scheduler using the AutoServe.bat this is included in the project. Since the script runs on it's own interval we normally set the Task Scheduler Task to run on system start.

If you look in the Batch Script we have the vbscript pipe the output to a log file, with in the batch script there is a function to check the log size, if it is over 700KB then delete before running the script, the way we have task scheduler setup, a new log will be created on the next restart, only if it is over 700KB.

AutoServe.bat



The AutoServe Script was created to run the batch file using Task Scheduler.

This assumes you are running the script on the C drive under a directory called Scripts, with a sub Directory of Logs. Which you can change the Path by changing the APPPATH variable at the top of the script.

You don't have to use this script, but if you want to set it and forget it, this will take care of making sure that the script doesn't get bigger than the expected size.

Section 1

Script Details



```
@ECHO OFF
```

```
SET APPPATH=C:\scripts
```

```
SET APPLOG=%APPPATH%\logs
```

```
SET VBScript=Auto_Service_Check
```

```
SET MAXSIZE=700000
```

```
SET LOGFILE=%APPLOG%\%VBScript%.log
```

```
IF EXIST "%LOGFILE%" (
```

```
    FOR /F "usebackq" %%A IN ('%LOGFILE%') DO set LOGSIZE=%%~zA
```

```
    if %LOGSIZE% GTR %MAXSIZE% (
```

```
        echo.File is ^>= %MAXSIZE% bytes
```

```
        echo "delete logfile"
```

```
        del /f /q %LOGFILE%
```

```
    ) ELSE (
```

```
        echo.File is ^< %MAXSIZE% bytes
```

```
    )
```

```
)
```

```
c:\windows\SysWOW64\cscript /nologo %APPPATH%\%VBScript%.vbs /interval=5 >>  
%LOGFILE%
```

Auto_Service_Check.vbs



The script does allow you to pass it a set of parameters to set the interval or to monitor the services on a remote machine. If the interval is not set, then it will just constantly check every minute to see if the services are running or not. Which in some cases might be fine, but it might be best to set it at an interval for every couple of minutes.

There isn't much to this script other than it uses WMI to get a list of the services that are set to Automatic to check and see if they are running or not and if they are not, it will use WMI to start the service back up.

Section 1

Main Function



```
strComputer = FindArgument(uCase("machine"))

RunEvery = FindArgument(uCase("interval"))

WScript.echo("BurnSoft's Auto_Service_Check.vbs running.")

If RunEvery = "" Then

    RunEvery = 0

End If

WScript.echo("Will Check Auto Services Every " & RunEvery & " minutes.")

If strComputer = "" Then

    strComputer = "."

End If

TimeToStop = False

Set Shell = CreateObject("Wscript.Shell")

Do Until TimeToStop

    Set objWMIService = GetObject("winmgmts:" _
        & "{impersonationLevel=impersonate}!\\" & strComputer & "\root\cimv2")

    Set colListOfServices = objWMIService.ExecQuery _
        ("Select * from Win32_Service Where State = 'Stopped' and StartMode = " _
        & "'Auto'")

    For Each objService in colListOfServices

        WScript.Echo(Now & vbtab & objService.DisplayName & " is down.")

        objService.StartService()

    Next

    WScript.sleep 60000 * RunEvery

loop
```