

Re: Online Test

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2004-05/0475.html>

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Date: 05/09/04

Date: Mon, 10 May 2004 00:18:56 +0200

Al Dunbar [MS-MVP] wrote:

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> "Russ_S-K" <anonymous@discussions.microsoft.com> wrote in message
> news:4E960996-C198-477C-931A-0D42E87E4BB9@microsoft.com...
>
>>I was wondering if there is a better test to determine if a PC is online
>
> than the one I am using. Using ping seem to be a rather crude way. Here is
> the code I use:
>
>>iPing = oShell.Run( "cmd /c ping -n 2 -w 50 " & sComputer & _
>>" /find /i ""Reply from"" ", 0, TRUE )
>>If iPing <> 0 Then
>> wScript.Echo sComputer & " is not currently online."
>>End If
>
>
> Almost any method for communicating with a remote computer is going to have
> some issues when the remote computer fails to respond, resulting in even
> more time wasted than waiting for ping responses to time out.
>
> You could write a WMI script, for example. But the nature of the
> communications involved in that scenario is more detailed than a ping, and
> relies more heavily on processing being done by the remote system. I have
> not timed it myself, but I would be surprised if it takes less time for a
> WMI script to determine that a system is not there.
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Hi

Using WMI to check if a system is alive is not a good solution (unless you use the Win32_PingStatus method introduced with WinXP that pings a computer). WMI uses several minutes to timeout when trying to connect to an unavailable computer.

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torgeir, Microsoft MVP Scripting and WMI, Porsgrunn Norway
Administration scripting examples and an ONLINE version of
the 1328 page Scripting Guide:
<http://www.microsoft.com/technet/community/scriptcenter/default.aspx>