

Powershell + psExec

Launching Powershell Remotely via psExec

From Powershell: Launch Powershell Remotely via psExec

```
driveletter:\somepath\psexec.exe \\hostname cmd /c 'echo . | powershell.exe -command "$env:PROCESSOR_ARCHITECTURE; exit 100"'
```

From CMD: Launch Powershell Remotely via psExec

```
powershell.exe -command "& {driveletter:\somepath\psexec\psexec.exe \\hostname cmd /c 'echo . | powershell.exe -command "$env:PROCESSOR_ARCHITECTURE; exit 100"'}"
```

Case Use:

Remotely Stop an IIS Application Pool

```
powershell.exe -command "& {driveletter:\somepath\psexec.exe \\hostname cmd /c 'echo . | powershell.exe -command "set-executionpolicy Bypass -scope Process;Import-Module WebAdministration;Stop-WebAppPool -Name "MyAppPool"; exit 100"'}"
```

Opsview + Powershell

Powershell InvocationSyntax

The syntax for properly calling powershell scripts from the Opsview/NRPE agent is rather cryptic.

After much searching on the internets, this is the configuration syntax I found to work:

nsc.ini:

```
[nrpe handlers]
```

```
...
```

```
check_mycheck          =          cmd          /c          echo
DriveLetter:\Path\Folder\MyScript.ps1; exit($lastexitcode) |
powershell.exe -command -
```

Sources

| Description | URL | Notes Check mit Powershell | http://www.monitoring-portal.org/web/index.php?page=Thread&threadID=15923 | This website was in (German?); Google Search: "nscclient" |
|--|---|---|---|---|
| .exe" "powershell" "socket timeout after" Nagios - check_veeam | https://www.angryadmin.co.uk/?tag=nagios | Google Search: "nscclient" | | |
| .exe" "\$lastexitcode" Returning Exit Code from Script | http://powershell.com/cs/blogs/tips/archive/2009/05/18/returning-exit-code-from-script.aspx | Google Search: bat exit /b errorlevel Mailbox Health 2007.ps1 | http://exchange.nagios.org/directory/Plugins/Email-and-Groupware/Microsoft-Exchange/Mailbox-Health-2007-2Eps1/details | Google Search: "nagios" "powershell" "exit code" |

Automating IIS

This Article presents some examples of automating IIS using PowerShell and the appcmd.exe tool

References I used

| Title | URL IIS AppCmd Quick Reference | https://github.com/jzbrzski/orcharobotstrap/blob/master/orcharobotstrap.ps1 | PowerShell Snap-It | http://www.iis.net/learn/manage/powershell/powershell-snap-in-creating-web-sites-web-applications-virtual-directories-and-application-pools |
|-------|---|---|--------------------|---|
| | http://blogs.msdn.com/b/sixst/archive/2012/04/23/iis-appcmd-quick-reference.aspx | | | |

PowerShell Commands

This applies to my environment: Before you can utilize PowerShell commands for IIS automation, you'll need to ensure two things:

