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script for administrator



## Simple Powershell script to clean up IIS log files

**Chandra Hundigam**, 4 Oct 2013

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Very simple PowerShell cleanup script that will clean IIS 7 log files

### Introduction

Most **administrators** come across cleanup tasks once in a while or when disk space is full. As we know most of the disk space gets occupied by log files and that could be any log files on windows or third party application running on windows.

In this article I will be showing very simple PowerShell cleanup script that will clean IIS 7 log files. One can use this sample and modify it to fit to other log files cleanup tasks.

I have separated cleanup functionality into a simple function called **CleanTempLogfiles()** which is very generic. It takes simple file **path(\$FilePath)** as parameter and removes all files older than specified days provided in the variable (**\$days**). In following sample script it removes all files older than 7 days.

### Powershell code

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```
# Module: Powershell script to clean IIS log files
Set-Executionpolicy RemoteSigned
$days=-7
(Get-Variable Path).Options="ReadOnly"
$Path="C:\inetpub\logs\LogFiles\W3SVC1"
Write-Host "Removing IIS-logs keeping last" $days "days"
CleanTempLogfiles($Path)

function CleanTempLogfiles()
{
param ($FilePath)
Set-Location $FilePath
Foreach ($File in Get-ChildItem -Path $FilePath)
{
    if (!$File.PSIsContainerCopy)
    {
        if ($File.LastWriteTime -lt ($(Get-Date).Adddays($days)))
        {
            remove-item -path $File -force
            Write-Host "Removed logfile: " $File
        }
    }
}
}
```

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## About the Author



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Chandra Hundigam has Master degree in Computer Application, Microsoft Certified Professional and Software Architect. He's significantly involved in enterprise application development and distributed object oriented system development using Microsoft .Net, Sun Java/J2EE technology to serve global giants in the Media, Finance, Mortgage and Software Industries. Presently working as Independent Software Consultant for a US-based company. His areas of interests are in emerging Technologies.

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### Automatic detection of log files

**sai.akhil1989** 11-May-15 4:33

I need the code which automatically detects iis logs without giving log file path  
plz help me

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