

# Useful Powershell Commands

## Get Systemboot/Reboot/Shutdown Events

```
Get-EventLog System -Newest 10000 | `
    Where EventId -In 41,1074,1076,6005,6006,6008,6009,6013 | `
    Format-Table TimeGenerated,EventId,UserName,Message -AutoSize -Wrap
```

## Ping with Timestamps

```
$target = "www.google.com"
ping -t $target | ForEach {"{0} - {1}" -f (Get-Date),$_}
```

## Simple TCP Portscan

```
$target = "portquiz.net"
$firstport = 1
$lastport = 65535
for($port=$firstport; $port -le $lastport; $port++) {
    Test-NetConnection -ComputerName $target -Port $port
}
```

## Useful Commandlets

```
Format-Hex $filename
```

## ActiveDirectory Commandlets/Scripts

### Groups / GroupMembers

```
$file="C:\Temp\GroupCount.csv"
Get-ADGroup -Filter * -Properties Member `
    | Select-Object Name,@{n="MemberCount";e={$_.Member.Count}} `
    | Export-Csv -Path $file -Delimiter '|'
```

[kb](#), [windows](#), [powershell](#)

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