# Powershell notes

Aliases

Get-Alias | Format-List -Property DisplayName

Top 10 Processes by Memory

Get-Process | Sort-Object WS -Descending | Select-Object -first 10

Process Report

Get-Process -Name Java |Out-File -FilePath C:\Windows\Logs\Report.txt

Get-Process -Name Java |Export-CSV C:\Windows\Logs\Report.csv

Virtual Memory

gps -name java | Select-Object -Property \*

gps | Select-Object -Property Name,VirtualMemorySize

Remote Monitoring

Get-Counter -ComputerName 192.168.201.41 -Counter "\Processor(\_Total)\% Processor Time"

View Event log

Get-WinEvent -ListLog \*

Measure command execution time

Measure-Command { Get-ChildItem -Path $home\\*.txt -Recurse }

Troubleshooting Wizard

Get-TroubleshootingPack -Path "C:\Windows\Diagnostics\System\Networking" | Invoke- roubleshootingPack

File Info

Get-Content documents/report.csv | Measure-Object -Character -Line -Word

AppLocker

Get-AppLockerPolicy -Local | Test-AppLockerPolicy -Path C:\Windows\System32\cmd.exe -User Everyone

Command Trace

Trace-Command -Name CommandDiscovery -Expression {ping localhost} -PSHost

WinRM TrustedHosts

Get-Item WSMan:\localhost\Client\TrustedHosts

Set-Item WSMan:\localhost\Client\TrustedHosts -Value '\*'