

Task 2. Working in Windows PowerShell

PowerShell is a cross-platform task automation and configuration management framework, consisting of a command-line shell and scripting language. Unlike most shells, which accept and return text, PowerShell is built on top of the .NET Common Language Runtime (CLR), and accepts and returns .NET objects. This fundamental change brings entirely new tools and methods for automation.

Do the following tasks in Windows PowerShell:

1. Display a list of running processes.
2. Display the 100 most recent entries from the Application event log (don't use Get-WinEvent for this).
3. How many cmdlets are available for working with processes? (Hint: remember that cmdlets all use a singular noun.)
4. Display a table of processes that includes only the process names, IDs, and whether or not they're responding to Windows (the Responding property has that information). Have the table take up as little horizontal room as possible, but don't allow any information to be truncated. `get-process | format-t`
5. Display a table of processes that includes the process names and IDs. Also include columns for virtual and physical memory usage, expressing those values in megabytes (MB).