

Name: Dijay Kumar Valautham
Student ID: PACE.K2420664D

Assignment for Module 1.5

6m-cloud-1.5-operating-systems-windows /assignment.md

1	What is the difference between CMD and Powershell?	The command prompt (CMD) allows users to interface with the system in person. Powershell is a lot more complex version of the CMD. It isn't just an interface but a language for scripts execution that can accomplish many admin operations easily (Diver, 2023).
2	What are the other features in Windows that are available to administrators?	<ul style="list-style-type: none">• Administrative Tools folder• Component Services• Computer Management• Defragment and Optimize Drives• Disk Cleanup• Event Viewer• iSCSI Initiator• Local Security Policy• ODBC Data Sources• Performance Monitor• Print Management• Recovery Drive• Registry Editor• Resource Monitor• Services• System Configuration• System Information• Task Scheduler• Windows Firewall with Advanced Security• Windows Memory Diagnostic (Microsoft, 2023)
3	What is the system registry and how can it be accessed in Windows?	The System Registry is a databases collection of configuration settings for the Windows OS. It can be accessed by executing regedit from the CMD, the search bar, of the Run box (Selph, 2023).
4	What is the difference between Windows 10 and 11?	<ul style="list-style-type: none">• Design – Windows 11 has an interface with pastel colours, rounded corners for all windows, and a cleaner interface than the Windows 10.• Start menu and taskbar – Windows 11 has the Start menu and taskbar at the center of the screen by default.• Snap Layouts – Snap Layouts is a Windows 11 feature that lets users organize their apps and windows more efficiently by groups, similar to Android and iOS.

		<ul style="list-style-type: none"> • Microsoft Store – Windows 11 has a redesigned Microsoft store, which makes it easier for users to search for apps and movies etc. • Android apps – On the Windows 11, users can use Android apps to run on their desktops. • Microsoft Teams – Windows 11 replaces Windows 10 Meet Now feature with the integration of Teams into the taskbar, making it easier for users to access the communication platform. • Performance – Windows 11 performs better than Windows 10 with faster logins (Windows Hello), web browsing, and wake from sleep mode. Win 11 updates will also be 40% smaller, taking less time to download and install. • Copilot – Windows 11 has the AI-powered assistant called Copilot (Lutkevich & Rosencrance, 2023).
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References

Diver, Stuart (2023) PowerShell vs CMD: A Comprehensive Guide to Command Line Tools. Available at: <https://www.temok.com/blog/powershell-vs-cmd/> (Accessed 26 June 2024).

Microsoft (2023) Windows Tools/Administrative Tools. Available at: <https://learn.microsoft.com/en-us/windows/client-management/client-tools/administrative-tools-in-windows> (Accessed 26 June 2024).

Selph, Chris (2023) What Is the Windows Registry? Available at: <https://www.lifewire.com/windows-registry-2625992> (Accessed 26 June 2024).

Lutkevich, Ben & Rosencrance, Linda (2023) Windows 11 vs. Windows 10: What are the differences? Available at: <https://www.techtarget.com/whatis/feature/Windows-11-vs-Windows-10-What-are-the-differences> (Accessed 26 June 2024).