# Lab – SID

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| * This is worth 10 points and due tonight. * Follow the usual naming convention. Place your answers on the separate tasks file and submit it. DO NOT use this file for submission. * Please **zoom in** your screenshots. |

# Task 1: Getting SID, SAT in Windows

* Obtain the SID of the current login with **WMIC** command. Attach a screenshot for the SID and highlight it in red/yellow.

A screenshot of a computer

Description automatically generated with medium confidence

* Obtain the SID of the current login in the Registry. Attach a screenshot for the SID and highlight it in red/yellow.

Graphical user interface, application

Description automatically generated

# Task 2: Getting SID in SQL Server

* Get the SID of the account you used for SQL Server login.
* A. SID: \_0x0105000000000005150000008B3BB39D9587CE8C4EF6F824F4010000\_\_
* B. What is the role of the function “fn\_SIDToString” in the above?

It converts binary SID to string

* C. Compare the SID from SQL Server for the administrator login with that from Windows Server for the administrator. Show the two screenshots. Use the SIDs in a string format (that is, in the S- format, not in Hex). Are they the same?

Graphical user interface, text

Description automatically generatedGraphical user interface, application

Description automatically generated

They are the same SID.

* D. SID: \_0x5B572FDDEAA6044D951896DFA521621C\_
* E. SID: 0x81B10762F507C7459BA81CB61CE3A4A2
* F. Are the SIDs of login SIDTest the same? Describe the reason why they are (not) the same?

They are not the same. The SID is randomly generated and is never the same.

# Task 3: Learn PowerShell Scripting

* Run your script and report the output in a screenshot.

