# 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.

Graphical user interface, text

Description automatically generated

* 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, text, 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: SID: 0x0105000000000005150000007C98BDF441F8B4DD1677D940F4010000.

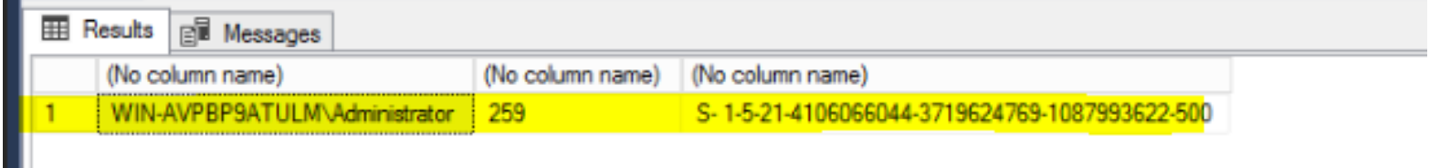


* B. What is the role of the function “fn\_SIDToString” in the above?

The role of the function is to change the SID integer value to a string value. “S-“

* C. Show in screenshots that the SID from SQL Server for the administrator login and that from Windows Server are the same. Compare the SIDs in a string format (not binary).

They are the same if you look at the previous screenshots.



D. SID: 0x7D61A9E2B46CDD41A953053CB5A8D9D5.

Graphical user interface, application, Word

Description automatically generated

E. SID: 0xC5F384C11335944BB0A711F9B63A4FCF.

Graphical user interface, text, application, Word

Description automatically generated

* F. Are the SIDs of login SIDTest the same? Describe the reason why they are (not) the same?

They are not the same. The login record was deleted so the SID value changes when a new login record is created.

# Task 3: Learn PowerShell Scripting

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

Text

Description automatically generated