# Lab – SID

|  |
| --- |
| * This is worth 10 points and due tonight. * Follow the usual naming convention. * Please **zoom in** your screenshots. |

# Task 1: Getting SID, SAT on Windows

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

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 on SQL Server

Get the SID of the account you used for SQL Server login.

A. SID: 0x01050000000000051500000034358F2637869E5B8AB71EC…



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

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

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?

**Yes they are the same**

The SID of the administrator login from SQL Server (show the S-format)



The SID of the administrator login from Windows Server (show the S-format)

Text

Description automatically generated

D. SID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Text

Description automatically generated with medium confidence

E. SID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Text

Description automatically generated with medium confidence

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 between each one so the SID value changes when any new login record is created.**

# Task 3: Learn PowerShell Scripting

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

Graphical user interface, text, application, email

Description automatically generated