

## SIDs

A security identifier (SID) is a number used to identify user, group, and computer accounts in Windows. It is used to identify a security principal. SIDs are distinctive numbers; no two SIDs on a computer are ever the same. These SIDs provide users to make any changes to their account without affecting any of the user's settings. All SIDs start with "S-1-5-21" but are unique after that. The "S" indicates that the number is a SID. The "1" represents the SID specification version number. The "5" is the identifier authority, and the "21" is the header of the domain or local computer identifier. A sample number is "21-1180699209-877415012-3182924384."

SIDs are useful for troubleshooting issues that involve security. It is also useful for troubleshooting display issues in the Windows access control list (ACL) editor.

Sources:

<https://www.lifewire.com/what-is-an-sid-number-2626005#:~:text=A%20SID%2C%20short%20for%20security,computer%20are%20ever%20the%20same.>

<https://support.microsoft.com/en-us/help/243330/well-known-security-identifiers-in-windows-operating-systems>